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2025 Annual Report

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REPORT

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Letter to Shareholders

Dear Valued Shareholders,

First, we would like to thank all shareholders for your continued support and trust in UMC. In 2025, we celebrate the important milestone of our 45th anniversary. We executed on our differentiation strategy that is focused on specialty process technologies, delivering steady growth and long-term competitiveness. The slow recovery in consumer demand, heightened geopolitical uncertainties, and exchange rate volatility posed challenges during the year that tested our agility and resilience. Against this backdrop, UMC continued to invest in growth prudently.

In 2025, revenue contributions from our 22nm and 28nm process technologies reached record highs, and are expected to continue growing as UMC consolidates leadership in mature and specialty process technologies. We also partnered with imec to accelerate UMC's silicon photonics roadmap, actively positioning UMC at the forefront of next-generation high-speed communications. In Singapore, the Phase 3 expansion of our Fab 12i in Singapore is now operational, serving a as a key node for customers' supply chain resilience strategies. At the same time, our 12nm collaboration with Intel in Arizona is progressing steadily, and we are actively exploring new partnerships in the U.S., such as Polar Semiconductor, to expand both technology and market reach.

UMC demonstrated steady progress towards our sustainability goals in 2025. We raised our greenhouse gas emissions targets to align with the most ambitious 1.5°C scenario as approved by the Science Based Targets initiative (SBTi) certification, targeting a 42% reduction in Scope 1 and Scope 2 emissions by 2030. As of 2025, we have already reduced emissions by more than 30% compared with the base year. We have also officially inaugurated the Circular Economy and Recycling Innovation Center, a waste recycling facility at our Fab 12A in the Southern Taiwan Science Park, advancing in-fab recycling and resource recovery. We are honored to be recognized in prominent sustainability benchmarks, S&P Global's 2025 Sustainability Yearbook, which included UMC as among the top 1% companies globally, reflecting our leadership in sustainability.

2025 Business Overview

In 2025, our revenue grew quarter by quarter, profitability remained solid, and product mix continued to improve. Full-year results reflected a moderate recovery in demand. Total wafer shipments for the year reached 3.87 million 12-inch-equivalent wafers. Annual revenue was NT$237.6 billion, with a gross margin of 29.0% and an operating margin of 18.5%. Net income attributable to the parent company reached NT$41.7 billion, and earnings per share were NT$3.34.

Capital expenditures for the year totaled approximately US$1.6 billion, primarily allocated to capacity expansion at Fab 12A in Tainan, Fab 12i in Singapore, and USCXM in China, as well as product mix optimization and technology upgrades at USJC in Japan and our 8-inch fabs. These investments will help us achieve steady growth in both long-term profitability and market share.

Technology Leadership and Development

In 2025, we continued to increase our investments on research and development for differentiation in mature nodes as well as for expansion into new technologies. R&D spending for the year reached NT$17.7 billion, focusing on process technology development for 5G communications, artificial intelligence (AI), the Internet of Things (IoT), and automotive electronics. As the industry steadily moves into the 28nm era, we have demonstrated key advantages in 12nm and 14nm specialty processes, advanced packaging, and silicon photonics, maintaining technological leadership and differentiation to create maximum value.

Below is an overview of key R&D projects:

1. 12nm FinFET process technology platform (12FFC): Compared with 14FFC, 12FFC enables smaller chip area, lower power consumption, and higher performance, fully leveraging the advantages of FinFET and finding broad application across various semiconductor products. Our 12nm FinFET process is being co-developed with Intel in the U.S. and represents an important strategic deployment for cost-effective capacity expansion and technology upgrades. The collaboration is progressing smoothly. Intel completed process technology transfer this year, successfully introducing our high-performance, low-power, and small-die-area 12nm FinFET technology, and is accelerating process qualification at its Arizona fabs. Mass production is expected to be qualified in 2026 and enter volume production in 2027, becoming our first manufacturing base in the U.S..
2. 14nm FinFET embedded high-voltage process technology platform (14eHV): We have successfully integrated 25V high-voltage devices with the 14FFC (14nm FinFET Compact) technology. Compared with 22/28nm high-voltage processes, 14eHV delivers significantly higher performance, smaller chip area, and lower power consumption, resulting in markedly enhanced competitiveness.
3. 28nm embedded high-voltage low-power process platform (28eHV-LP): This platform has been extended this year to notebook panel driver IC (DDIC) applications. Compared with conventional DDICs, it can reduce power consumption by 15%. The platform also focuses on device scaling and integration, providing DDIC design houses with enhanced competitiveness and establishing a strong foundation for future medium-sized panel applications.
4. Non-volatile memory (NVM) process platforms: The 28nm embedded NVM process platform (28ESF4) has completed qualification for generic and IoT microcontroller applications as well is also automotive Grade-1 qualified. We have initiated end-product design collaborations with multiple customers, and customer qualifications are expected to be completed successively in 2026.

   For the 22nm resistive RAM process platform (22RRAM), we cooperated with eMemory Technology to complete a platform upgrade this year, extending the operating temperature range from -40°C–105°C to -40°C–125°C. Product design collaborations with several customers are underway.
5. 55nm BCD non-epitaxial process technology platform (55BCD): We completed first-phase device development and design rules for both the 55nm BCD non-epitaxial (BCD-NonEpi) and BCD silicon-on-insulator (BCD-SOI) processes this year, focusing on power management IC (PMIC) applications for automotive electronics, mobile devices, and industrial control. Initial device development for the BCD epitaxial process (BCD-Epi) has also been completed, and customer test chips are currently under qualification. Volume production is expected to begin in the second half of 2026.
6. 110nm BCD 3.3V new application platform: We have added 1.5V digital devices and completed FDK (Foundry Design Kit) development for analog devices from 5V to 30V. Process development and qualification are expected to be completed in 2026, with volume production scheduled for 2027.
7. 153nm customized mobile PMIC: After successful pilot production in 2024, this product entered volume production this year.
8. RF silicon-on-insulator (RFSOI) process platform: The 40nm RFSOI millimeter-wave (mmWave) technology is scheduled to enter mass production in 2026, and new high-performance power amplifier (PA) devices are under development. The 40RFSOI-FR3 technology for FR3 band antenna tuners has completed qualification, and customer prototype design is expected to begin in 2026. Our 22nm RFSOI platform is under development to serve applications above 40GHz. A 3D IC solution based on the RFSOI platform has also been developed and is available for customer prototyping.
9. Advanced packaging technologies: For RF front-end (RFFE) components in mobile devices, we have achieved die size reduction through wafer-to-wafer (W2W) hybrid bonding technology and have entered mass production. In the edge AI domain, active interposer solutions combining TSV-middle technology and logic processes are under qualification with multiple customers. For high-performance computing (HPC) and cloud AI applications, we have successfully implemented deep trench capacitors (DTC) in silicon interposers to

enable excellent power integrity for 2.5D packages, and shipments have begun to major customers.

10. Gallium nitride (GaN) device processes: We have successfully developed GaN RF and power device processes, and the RF switch and RF PA device processes have entered mass production. The 650V GaN power device process is currently undergoing customer qualification and pilot production.
11. 12-inch silicon photonics technology development: We have obtained a license for imec's iSiPP300 silicon photonics process technology and are fully engaged in 12-inch silicon photonics R&D, which has now officially entered the pilot production phase. Leveraging many years of semiconductor manufacturing experience, we will launch a 12-inch silicon photonics platform targeting next-generation high-speed connectivity applications.

Intellectual Property and Compliance

In the face of intense global technological competition, we are committed to protecting the value created by our R&D efforts and collaborations with partners through a dual-track protection mechanism of patents and trade secrets. The total number of patents granted to UMC has grown steadily over the years, representing a strong intellectual property barrier built around our process technologies. In 2025, we obtained 623 patents worldwide, bringing the UMC Group's total patent portfolio to more than 16,700. In addition, we joined the global patent licensing platform and non-profit alliance LOT (License on Transfer) Network in 2025.

Legal compliance is the cornerstone of our corporate management. We are committed to complying with laws and regulations and have established a comprehensive compliance system. We conduct regular legal training to ensure that employees adhere to relevant requirements. We also actively monitor legal and regulatory changes and adjust internal policies accordingly to maintain compliance, drive sustainable development, and earn the trust and support of stakeholders.

Sustainability

Over the years, UMC has deeply integrated sustainable practices into our operations, making it a core part of our corporate culture. We fully support the Paris Agreement goal of limiting global temperature rise to within 1.5°C and have set short-term, long-term, and net-zero greenhouse gas reduction targets. We successfully passed the review of the Science Based Targets initiative (SBTi), the first pure-play semiconductor foundry globally to obtain this validation. UMC also received the Gold-level "Net Zero Label" from the Taiwan Alliance for Net Zero Emissions, underscoring our firm commitment to carbon reduction.

In addition, the Circular Economy and Recycling Innovation Center, built with an investment of NT$1.8 billion, officially commenced operation in 2025. It is expected to convert approximately 15,000 tons of process waste per year into valuable resources, reducing around one-third of the waste generated by our Taiwan fabs and creating more than NT$100 million in economic value.

Honors and Awards

In 2025, UMC continued to rank among the global leaders in the S&P Global Corporate Sustainability Assessment (CSA) for the semiconductor industry. We have received numerous honors and accolades from domestic and international organizations, governments, and institutions for our achievements in sustainability, information disclosure, corporate governance, environmental protection, and employee well-being. These include CDP's double 'A' recognition for climate change and water security, 'AA' ESG rating by MSCI, and top 5% ranking in the Taiwan Stock Exchange's Corporate Governance Evaluation.

Outlook

The semiconductor industry is a cornerstone of global economic growth and advancement in our society. UMC remains confident about the industry's outlook and UMC's future development. As a global foundry leader with strength in specialty technologies, we have earned the trust of our customers through 46 years of manufacturing experience, comprehensive technology platforms, and efficient, diversified operations. We will continue to innovate to meet evolving customer needs and propel our industry forward.

While challenges like geopolitical tensions and overcapacity persist, easing inventory adjustments and the rise of AI applications are expected to provide new growth momentum for the industry. Building on a robust foundation, UMC will stay focused on advancing R&D, diversifying capacity, achieving manufacturing excellence, and pursuing sustainability best practices, underscored by our commitment to stable returns and long-term value for all shareholders.

We sincerely thank our shareholders for your support and we look forward to sharing more progress and achievements in the coming year.



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Directors' and Managers' Information

Directors' Information

Title	Nationality /Place of Incorporation	Name	Gender Age	Date Elected (Date Assumed) <Date First Elected>	Term Expires	Shareholding When Elected		Present Shareholding		Spouse & Minor Shareholding		Experience (Education)	Selected Current Position at UMC and Other Companies
						Common Shares	%	Common Shares	%	Common Shares	%		
Chairman	R.O.C.	Stan Hung	Male 61-65	2024.05.30 <2008.07.16>	2027.05.29	49,301,452	0.40	59,726,492	0.47	1,269,435	0.01	Chairman, UMC Bachelor in Accounting, Tamkang University	Chairman & Chief Strategic Officer, UMC; Chairman & Chief Strategic Officer, Faraday Technology Corporation; Chairman & Chief Strategic Officer, Silicon Integrated Systems Corp.; Chairman, Fortune Venture Capital Corp.; Chairman, TLC Capital Co., Ltd.; Chairman, UMC Capital Corp.; Director & Legal Representative, SiS Semiconductor (Shandong) Co., Ltd.; Director & Legal Representative, UnitedDS Semiconductor (Shandong) Co., Ltd.; Director, Triknight Capital Corporation; Director, United Microelectronics (Europe) B.V.
Independent Director	R.O.C.	Lih J. Chen	Male 76-80	2024.05.30 <2018.06.12>	2027.05.29	0	0	0	0	0	0	Distinguished Chair Professor, National Tsing Hua University Academician, Academia Sinica President, National Tsing Hua University Deputy Minister, National Science Council Ph.D. in Physics, University of California, Berkeley	None
Independent Director	R.O.C.	Jyuo-Min Shyu	Male 71-75	2024.05.30 <2018.06.12>	2027.05.29	0	0	0	0	0	0	Emeritus Professor, National Tsing Hua University Professor, Department of Computer Science, National Tsing Hua University Minister, Ministry of Science and Technology President, Industrial Technology Research Institute Dean, College of Electrical Engineering and Computer Science, National Tsing Hua University Ph.D. in Electrical Engineering and Computer Science, University of California, Berkeley	Independent Director, Qisda Corporation; Independent Director, Far EasTone Telecommunications Co., Ltd.; Director, Iridium Medical Technology Co., Ltd; Director, Alpha Ring Asia Inc.; Director, Zyxel Group Corporation
Independent Director	R.O.C.	Kuang Si Shiu	Male 71-75	2024.05.30 <2021.07.07>	2027.05.29	0	0	0	0	0	0	Chairman & President, Mega Financial Holding Co., Ltd. Chairman & President, Mega International Commercial Bank Co., Ltd. Chairman, Hua Nan Financial Holdings Co., Ltd. Chairman, Hua Nan Commercial Bank Ltd. Chairman, Land Bank of Taiwan Co., Ltd. Executive Vice President, Chiao Tung Bank Co., Ltd. Master in Business Administration, Indiana University	Director, Cannan Cilai Co., Ltd.; Supervisor, The Promised Land Foundation; Supervisor, Yu Cheng Investment Co., Ltd.; Supervisor, Ti Mo Tai Investment Co., Ltd.; Consultant, Yuanta Commercial Bank Co., Ltd.

Directors' Information (Continued)

Title	Nationality /Place of Incorporation	Name	Gender Age	Date Elected (Date Assumed) <Date First Elected>	Term Expires	Shareholding When Elected		Present Shareholding		Spouse & Minor Shareholding		Experience (Education)	Selected Current Position at UMC and Other Companies
						Common Shares	%	Common Shares	%	Common Shares	%		
Independent director	R.O.C.	Wen-Hsin Hsu	Female 46-50	2024.05.30 <2021.07.07>	2027.05.29	0	0	0	0	0	0	Professor, Department of Accounting, National Taiwan University Associate Dean, International affairs, College of Management School, National Taiwan University Director, Global MBA, National Taiwan University Director, Case Center, National Taiwan University Secretary General, Taiwan Accounting Association Ph.D. in Accounting &Finance, Lancaster University	Independent Director, Unitech Printed Circuit Board Corp.; Independent Director, ANT Precision Industry Co., Ltd.; Senior Executive Vice President & Chief Financial Officer, Chunghwa Telecom Co., Ltd
Independent director	R.O.C.	Ling-Ling Wu	Female 61-65	2024.05.30 <2024.05.30>	2027.05.29	0	0	0	0	0	0	Professor, Department of Information Management, College of Management, National Taiwan University Ph.D. in Psychology, University of Chicago	None
Independent director	R.O.C.	Su Lin Wang	Female 61-65	2024.05.30 <2024.05.30>	2027.05.29	0	0	101,000	0.00	0	0	Adjunct Specialist Professor, Institute of International Business, National Cheng Kung University Senior Vice President & Corp. CFO, Delta Electronics., Inc. Master in Finance, National Taiwan University	Independent director, Jess-Link products Co., Ltd Independent director, AVerMedia Technologies, Inc. Director, GuaJuLuCun Co., Ltd. Director & President, MAYO Human Capital Inc.
Director	R.O.C.	Hsun Chieh Investment Co., Ltd.	N/A	2024.05.30 <1995.06.21>	2027.05.29	441,371,000	3.55	441,371,000	3.51	N/A	N/A	N/A	N/A
	R.O.C.	Representative: Ming Hsu	Male 66-70	2026.02.24 <2026.02.24>	2027.05.29	6,625,520	0.05	6,625,520	0.05	0	0	Director, UMC Master in Science Electrical Engineering, University of Southern California	President & Chief Operating Officer, UMC
	R.O.C.	Former Representative: SC Chien	Male 66-70	2024.05.30 <2016.03.01>	2026.02.24	N/A	N/A	N/A	N/A	N/A	N/A	Former President, UMC Bachelor in Chemical Engineering, National Taiwan University	N/A
Director	R.O.C.	Silicon Integrated Systems Corp.	N/A	2024.05.30 <2005.06.13>	2027.05.29	285,380,424	2.30	266,580,424	2.12	N/A	N/A	N/A	N/A
	U.S.A.	Representative: Jason Wang	Male 61-65	2024.05.30 <2015.06.09>	2027.05.29	18,715,000	0.15	29,140,040	0.23	0	0	Director, UMC Business Administration, San Jose State University	Chief Executive Officer, UMC; Director, Fortune Venture Capital Corp.; Director, TLC Capital Co., Ltd.; Director, UMC Group (USA); Director, United Microelectronics (Europe) B.V.; Director, UMC Capital Corp.; Director, eJoule International Limited

Note 1: Present shareholding figures are actual number of shares held on January 31, 2026.

Note 2: Directors' election date is the same date they assumed their positions.

Note 3: Directors are not spouses or relatives within the second degree of kinship of other managers and directors.

Note 4: Directors did not hold shares through other parties.

Note 5: Presidents and Chairman are not the same person, spouses or relatives within the first degree of kinship.

Note 6: Ming Hsu is appointed as representative of juristic-person director by Hsun Chieh Investment Co., Ltd. on February 24, 2026.

Major Shareholders of UMC's Institutional Shareholders

Name of Institutional Shareholders	Major Shareholders (Holding Percentage)
Hsun Chieh Investment Co., Ltd.	Shieh Yong Investment Co., Ltd. (63.51%); UMC (36.49%)
Silicon Integrated Systems Corp.	UMC (17.99%); Hsun Chieh Investment Co., Ltd. (2.32%); CHC International Investment Corporation (1.01%); Vanguard Fiduciary Trust Company Institutional Total International Stock Market Index Trust II (0.58%); Vanguard Total International Stock Index Fund, a series of Vanguard Star Funds (0.57%); Vanguard Emerging Markets Stock Index Fund, a series of Vanguard International Equity Index Funds (0.50%); Yann Yuan Investment Co., Ltd. (0.40%); Emerging Markets Small Capitalization Equity Index NonLendable Fund (0.33%); Tzu Chi Foundation (0.26%); State Street Global Advisors Trust Company (0.25%)

Major Shareholders of UMC's Major Institutional Shareholders

Name of Institutional Shareholders	Major Shareholders (Holding Percentage)
Shieh Yong Investment Co., Ltd.	Unimicron Technology Corp. (16.67%); Novatek Microelectronics Corp. (15.15%); Yann Yuan Investment Co., Ltd. (28.86%); Faraday Technology Corporation (12.12%); King Yuan Electronics Co., Ltd. (7.58%)

Directors' Professional Qualification & Independent Directors' Independence Information:

Criteria / Name	Professional Qualification & Experience (Note 1)	Independence Status	Number of Companies also Serves as Independent Director for
Stan Hung	• Financial accounting and strategic management • Electronics-related industrial experience		0
Lih J. Chen	• Engineering technology and organizational leadership • Electronics-related industrial experience	Meet the independence criteria (Note 2)	0
Jyuo-Min Shyu	• Engineering technology and organizational leadership • Electronics-related industrial experience	Meet the independence criteria (Note 2)	2
Kuang Si Shiu	• Financial accounting and organizational leadership • Banking Finance and business policy-making	Meet the independence criteria (Note 2)	0
Wen-Hsin Hsu	• Financial accounting and corporate sustainability • Electronics-related industrial experience	Meet the independence criteria (Note 2)	2
Ling-Ling Wu	• Knowledge management and organization behavior • Electronics-related industrial experience	Meet the independence criteria (Note 2)	0
Su Lin Wang	• Financial accounting and organizational leadership • Electronics-related industrial experience	Meet the independence criteria (Note 2)	2
Ming Hsu	• Engineering technology and organizational leadership • Electronics-related industrial experience		0
Jason Wang	• Financial accounting and organizational leadership • Electronics-related industrial experience		0

The Diversity & Independence of the Board of Directors:

(1) The Diversity of the Board of Directors:

UMC has established the Policy for Nomination and Election of Directors that takes into account the Company's organizational culture, business model and long-term development, and also established criteria to ensure the diversity of the Board members. There are currently three seats reserved for female directors. Based on our policy of gender equality, UMC will increase the female director seats progressively. The tenures of independent directors are also diversified; there are two directors for seven years, two directors for four years and two directors who were newly elected on May 30, 2024. The board of UMC is composed of members with diversified backgrounds of industry, government and academia. The experiences of Board members include the president of a national university, a fellow of Academia Sinica, the Minister of Science and Technology, the president of ITRI, financial experts in finance, accounting and strategic management fields, and professionals from the semiconductor industry and ICT business administration. The directors satisfy basic criteria and professionalism requirements, and through activities of the sub-committees, can also contribute their experiences to supervise and govern issues related to corporate governance, environmental sustainability, corporate social responsibility, legal compliance and human rights protection. Please refer to UMC's Policy for Nomination and Election of Directors for Board diversification criteria, the Directors' Information and the Skill Matrix of Board members for implementation of Board diversification on the Company's website: https://www.umc.com/en/IR_Director/directors_information.

(2) The Independence of the Board of Directors:

The UMC Board of Directors comprises of nine members with diversified professional background, including six seats for independent directors and three serve as administrative directors. Two-thirds of the director seats are filled by independent directors.

(3) There are no fewer than two seats reserved for female directors, and more than half of the director seats are independent directors for the Board, UMC will enhance diversity and independence of the Board continuously based on the status.

Note 1: The Company's Financial Experts of the Audit Committee are independent directors Kuang Si Shiu, Wen-Hsin Hsu and Su Lin Wang. All directors are not under any condition pursuant to Article 30 of the Company Act. Please refer to Page 10-13 of the Annual Report & the Company's website: https://www.umc.com/en/IR_Director/directors_information for Directors' relevant industrial experience.

Note 2: The Company's independent directors, their spouses and relatives within the second degree of kinship are not directors, supervisors or employees of the Company or its affiliates; the Company's independent directors, their spouses and relatives within the second degree of kinship (or in the name of other persons) do not own the Company's outstanding shares, nor are directors, supervisors or employees of companies which have specific relationship with the Company; the Company's independent directors, their spouses and relatives within the second degree of kinship do not provide the Company and its affiliates with services of business, legal affairs, finance and accounting in the past two years to get payment.

Managers' Information

Title	Nationality	Name	Gender	Date Elected (Date Assumed)	Present Shareholding		Spouse & Minor Shareholding		Shareholding by Nominee Arrangement	
					Common Shares	%	Common Shares	%	Common Shares	%
Chairman & Chief Strategic Officer	R.O.C.	Stan Hung	Male	2008.07.16	59,726,492	0.47	1,269,435	0.01	0	0
Chief Executive Officer	U.S.A.	Jason Wang	Male	2014.12.24	29,140,040	0.23	0	0	0	0
President & Chief Operating Officer	R.O.C.	Ming Hsu	Male	2015.06.08	6,625,520	0.05	0	0	0	0
Senior Vice President	R.O.C.	TS Wu	Male	2013.01.01	2,558,084	0.02	304	0.00	0	0
Senior Vice President	R.O.C.	G C Hung	Male	2015.01.28	2,752,066	0.02	0	0	0	0
Senior Vice President	R.O.C.	Oliver Chang	Male	2020.02.26	3,558,289	0.03	0	0	0	0
Senior Vice President & Chief Financial Officer	R.O.C.	Chitung Liu	Male	2005.10.20	4,661,917	0.04	150,000	0.00	0	0
Vice President	R.O.C.	JT Lin	Male	2025.01.20	560,060	0.00	0	0	0	0
Vice President	R.O.C.	Victor Chuang	Male	2025.10.01	524,731	0.00	13,943	0.00	0	0
Vice President	R.O.C.	Chuck Chen	Male	2025.10.01	1,810,060	0.01	0	0	0	0
Vice President	R.O.C.	S F Tzou	Male	2013.01.01	633,388	0.01	0	0	0	0

Experience/Education	Selected Current Position at Other Companies
Chairman & Chief Strategic Officer, UMC Bachelor in Accounting, Tamkang University	Chairman & Chief Strategic Officer, Faraday Technology Corporation; Chairman & Chief Strategic Officer, Silicon Integrated Systems Corp.; Chairman, Fortune Venture Capital Corp.; Chairman, TLC Capital Co., Ltd.; Chairman, UMC Capital Corp.; Director & Legal Representative, SiS Semiconductor (Shandong) Co., Ltd.; Director & Legal Representative, UnitedDS Semiconductor (Shandong) Co., Ltd.; Director, Triknight Capital Corporation; Director, United Microelectronics (Europe) B.V.
Chief Executive Officer, UMC Business Administration, San Jose State University	Director, Fortune Venture Capital Corp.; Director, TLC Capital Co., Ltd.; Director, UMC Group (USA); Director, United Microelectronics (Europe) B.V.; Director, UMC Capital Corp.; Director, eJoule International Limited
President & Chief Operating Officer, UMC Master in Science Electrical Engineering, University of Southern California	None
Senior Vice President, UMC Master in Electronic Engineering, National Chiao Tung University	Vice Chairman, United Semiconductor (Xiamen) Co., Ltd.; Director, HeJian Technology (Suzhou) Co., Ltd.
Senior Vice President, UMC Master in Chemical Engineering, National Taiwan University	None
Senior Vice President, UMC Bachelor in Physics, Chinese Culture University	Director, Chipbond Technology Corporation
Senior Vice President & Chief Financial Officer, UMC EMBA in Business Administration, National Taiwan University	Chairman, HeJian Technology (Suzhou) Co., Ltd.; Chairman, United Semiconductor (Xiamen) Co., Ltd.; Director, Fortune Venture Capital Corp.; Director, TLC Capital Co., Ltd.; Director, Unimicron Technology Corp.; Director, Yann Yuan Investment Co., Ltd.; Director, UMC Group (USA); Director, Green Earth Limited; Director, ECP Vita Pte. Ltd.; Director, UMC Capital Corp.; Director, United Microchip Corporation; Director, Wavetek Microelectronics Corporation
Vice President, UMC Master in Materials Science & Engineering, National Tsing Hua University	Director, Wavetek Microelectronics Corporation
Vice President, UMC Bachelor in Electrical Engineering, National Cheng Kung University	None
Vice President, UMC Master in Engineering Science, National Cheng Kung University	None
Vice President, UMC Master in Materials Science & Engineering, National Tsing Hua University	Chairman, United Semiconductor Japan Co., Ltd.

Managers' Information (Continue)

Title	Nationality	Name	Gender	Date Elected (Date Assumed)	Present Shareholding		Spouse & Minor Shareholding		Shareholding by Nominee Arrangement	
					Common Shares	%	Common Shares	%	Common Shares	%
Vice President	R.O.C.	Osbert Cheng	Male	2014.08.01	1,939,280	0.02	0	0	0	0
Vice President	R.O.C.	Steven Hsu	Male	2016.03.16	1,146,280	0.01	2,889	0.00	0	0
Vice President	R.O.C.	Jerry CJ Hu	Male	2013.04.02	2,405,280	0.02	0	0	0	0
Vice President	R.O.C.	Y S Shen	Male	2014.01.13	464,280	0.00	0	0	0	0
Vice President	R.O.C.	Steven S Liu	Male	2017.04.24	1,354,280	0.01	0	0	0	0
Vice President	R.O.C.	Francia Hsu	Female	2016.03.16	756,280	0.01	7,000	0.00	0	0
Vice President	R.O.C.	Mindy Lin	Female	2018.05.14	2,714,205	0.02	781,408	0.01	0	0
Vice President	R.O.C.	Linwu Kuo	Male	2021.06.15	104,280	0.00	0	0	0	0
Vice President & Chief Human Resources Officer	R.O.C.	Eric Chen	Male	2011.02.14	1,534,280	0.01	0	0	0	0
Vice President & General Counsel	R.O.C.	Olivia Liao	Female	2023.10.16	31,680	0.00	0	0	0	0

Experience/Education	Selected Current Position at Other Companies
Vice President, UMC Ph.D. in Electrical Engineering, National Chiao Tung University	None
Vice President, UMC Master in Electronic Engineering, National Chiao Tung University	None
Vice President, UMC Ph.D. in Materials Science & Engineering, Stanford University	None
Vice President, UMC Bachelor in Electronic Engineering, Feng Chia University	Director, Faraday Technology Corporation
Vice President, UMC Master in Science Electrical Engineering, University of Southern California	None
Vice President, UMC Master in Industrial Engineering, National Chiao Tung University	Director, HeJian Technology (Suzhou) Co., Ltd.; Director, United Semiconductor (Xiamen) Co., Ltd.; Director, United Semiconductor Japan Co., Ltd.; Director, Wavetek Microelectronics Corporation
Vice President, UMC Master in Business Administration, University of Leicester	None
Vice President, UMC Master in European Studies, University of Katholieke Universiteit Leuven Master in Diplomacy, National Chengchi University	Director, Locus Cell Co., Ltd.
Vice President & Chief Human Resources Officer, UMC EMBA in Finance, National Taiwan University	Director, Best Elite International Limited
Vice President & General Counsel, UMC Master in Law, National Chengchi University Master in Law, The University of Tokyo	None

Note 1: Those who currently serve in their respective positions on the printing date of the Annual Report.

Note 2: Present shareholding figures are actual number of shares held on January 31, 2026.

Note 3: Shares under Trust with Discretion Reserved are not included in present shareholding figures of Chitung Liu and G C Hung.

Note 4: Managers are not spouses or relatives within the second degree of kinship of other managers.

Note 5: Managers' election date is the same date they assumed their positions, which is the date of the First Elected (appointment) of the manager. On February 25, 2026, the Board of Directors approved the appointment of Mr. Jason Wang as Chief Executive Officer, and Mr. Ming Hsu as Presidents & Chief Operating Officer of the Company.

Note 6: Presidents and Chairman are not the same person, spouses or relatives within the first degree of kinship.

Remuneration Paid to Directors (Including Independent Directors), Presidents and Vice Presidents

Directors' Remuneration (Including Independent Directors')

In Thousand NT$

Title	Name	Director's Remuneration								Total Remuneration and (A+B+C+D) as a % of Net Income (%)	
		Base Compensation (A)		Severance Pay and Pensions(B)		Compensation to Directors(C)		Business Execution Expenses(D)			
		The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements
Chairman	Stan Hung	0	0	0	0	5,000	5,000	120	220	5,120 0.01%	5,220 0.01%
Director	Hsun Chieh Investment Co., Ltd.	0	0	0	0	5,000	5,000	0	0	5,000 0.01%	5,000 0.01%
	Representative: Ming Hsu	Not Applicable (Note 3)									
	Former Representative: SC Chien	0	0	0	0	0	0	120	220	120 0.00%	220 0.00%
Director	Silicon Integrated Systems Corp.	0	0	0	0	5,000	5,000	0	0	5,000 0.01%	5,000 0.01%
	Representative: Jason Wang	0	0	0	0	0	0	100	180	100 0.00%	180 0.00%
Independent Director	Kuang Si Shiu	0	0	0	0	5,000	5,000	370	370	5,370 0.01%	5,370 0.01%
Independent Director	Lih J. Chen	0	0	0	0	5,000	5,000	370	370	5,370 0.01%	5,370 0.01%
Independent Director	Jyuo-Min Shyu	0	0	0	0	5,000	5,000	370	370	5,370 0.01%	5,370 0.01%
Independent Director	Wen-Hsin Hsu	0	0	0	0	5,000	5,000	370	370	5,370 0.01%	5,370 0.01%
Independent Director	Ling-Ling Wu	0	0	0	0	5,000	5,000	370	370	5,370 0.01%	5,370 0.01%
Independent Director	Su Lin Wang	0	0	0	0	5,000	5,000	370	370	5,370 0.01%	5,370 0.01%

In addition to the information disclosed in the table above, has any Director of the Company provided services to any of the companies included in the Financial Statements and received compensation for such services (e.g. provided consultation services in a non-employee capacity): None.

Note 1. All directors' remuneration (including independent directors) is authorized to the board of directors according to their participation in the company's operations, contribution, and in consideration of general payment in the same industry.

Note 2. Including various bonuses, incentives and equity rewards (such as restricted stock award for employees), recognized salary expenses, etc.

Note 3. Ming Hsu was appointed as the representative of Hsun Chieh Investment Co., Ltd. on February 24, 2026. No remuneration was reported for the year 2025, as it was not applicable.

Compensation Earned by a Director Who Is an Employee of UMC or UMC's Consolidated Entities								Total Compensation and (A+B+C+D+E+F+G) as a % of Net Income (%)		Compensation from Other Non-Consolidated Entities Invested by the Company
Base Compensation Bonuses and Special Expenses etc. (E)(Note 2)		Severance Pay and Pensions (F)		Employees' Profit Sharing Bonus (G)						
				The Company		Companies in the Consolidated Financial Statements				
The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements	Cash	Stock	Cash	Stock	The Company	Companies in the Consolidated Financial Statements	
70,398	77,398	0	0	33,100	0	33,100	0	108,618 0.26%	115,718 0.28%	22,292
0	0	0	0	0	0	0	0	5,000 0.01%	5,000 0.01%	
70,032	72,032	108	108	33,100	0	33,100	0	103,360 0.25%	105,460 0.25%	70
0	0	0	0	0	0	0	0	5,000 0.01%	5,000 0.01%	
64,165	77,385	108	108	18,510	0	33,100	0	82,883 0.20%	110,773 0.27%	
0	0	0	0	0	0	0	0	5,370 0.01%	5,370 0.01%	
0	0	0	0	0	0	0	0	5,370 0.01%	5,370 0.01%	
0	0	0	0	0	0	0	0	5,370 0.01%	5,370 0.01%	
0	0	0	0	0	0	0	0	5,370 0.01%	5,370 0.01%	
0	0	0	0	0	0	0	0	5,370 0.01%	5,370 0.01%	
0	0	0	0	0	0	0	0	5,370 0.01%	5,370 0.01%	

Remuneration Paid to Directors (Including Independent Directors), Presidents and Vice Presidents (Continue)

Compensation Paid to Presidents and Vice Presidents

In Thousand NT$

Title	Name	Salary(A)		Severance Pay and Pensions(B)		Bonuses and Special Expenses etc. (C)(Note 2)		Employees' Profit Sharing Bonus(D)				Total Compensation and (A+B+C+D) as a % of Net Income (%)		Compensation from Other Non-Consolidated Entities Invested by the Company
		The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements	The Company	Companies in the Consolidated Financial Statements	The Company		Companies in the Consolidated Financial Statements		The Company	Companies in the Consolidated Financial Statements	
								Cash	Stock	Cash	Stock			
Chairman & Chief Strategic Officer	Stan Hung	6,446	6,446	0	0	63,952	70,952	33,100	0	33,100	0	103,498 0.25%	110,498 0.26%	22,292
Chief Executive Officer	Jason Wang	7,309	13,925	108	108	56,855	63,460	18,510	0	33,100	0	82,782 0.20%	110,593 0.27%	0
Former President (Note 3)	SC Chien	6,687	6,687	108	108	63,344	65,344	33,100	0	33,100	0	103,239 0.25%	105,239 0.25%	70
President & Chief Operating Officer	Ming Hsu													
Senior Vice President	TS Wu													
Senior Vice President	G C Hung													
Senior Vice President	Oliver Chang													
Senior Vice President & Chief Financial Officer	Chitung Liu													
Vice President	JT Lin													
Vice President	Victor Chuang													
Vice President	Chuck Chen													
Vice President	S F Tzou													
Vice President	Osbert Cheng													
Vice President	Steven Hsu													
Vice President	Jerry CJ Hu	77,713	85,420	2,142	2,142	318,876	322,600	175,956	0	186,896	0	574,687 1.38%	597,058 1.43%	1,150
Vice President	Y S Shen													
Vice President	Steven S Liu													
Vice President	Francia Hsu													
Vice President	Mindy Lin													
Vice President	Linwu Kuo													
Vice President & Chief Human Resources Officer	Eric Chen													
Vice President & General Counsel	Olivia Liao													
Former Vice President(Note 3)	C C Hsu													
Former Vice President(Note 3)	M C Lai													

Note 1. All executive officers' remuneration is calculated by referencing the Company's operation results, future risks, corporate strategies, industry trends, and also individual contribution, and will be reviewed and approved by Remuneration Committee and Board of Directors. The Company will review the remuneration policy foresaid based on macroeconomics and business strategies to achieve both corporate sustainability and interest of stakeholders.

Note 2. Including various bonuses, incentives and equity rewards (such as restricted stock award for employees), recognized salary expenses, etc.

Note 3. The disclosure of remuneration for the following personnel is calculated based on their respective tenures as managers:
SC Chien retired on March 1, 2026; C C Hsu resigned on September 1, 2025; M C Lai was transferred to a group company on January 20, 2025.
JT Lin was promoted to Vice President in January 2025, while Victor Chuang and Chuck Chen were both promoted to Vice President in October 2025.

Remuneration Paid to Directors (Including Independent Directors), Presidents and Vice Presidents (Continue)

Compensation Range for Each President and Vice President in the Company	Names of Presidents and Vice Presidents	
	The Company	All Consolidated Entities and Non-consolidated Affiliates
Lower than NT$1,000,000	M C Lai	M C Lai
NT$1,000,000 (inclusive)~ NT$2,000,000 (exclusive)		
NT$2,000,000 (inclusive)~ NT$3,500,000 (exclusive)		
NT$3,500,000 (inclusive)~ NT$5,000,000 (exclusive)		
NT$5,000,000 (inclusive)~ NT$10,000,000 (exclusive)	Victor Chuang, Chuck Chen	Victor Chuang, Chuck Chen
NT$10,000,000 (inclusive)~ NT$15,000,000 (exclusive)	C C Hsu	C C Hsu
NT$15,000,000 (inclusive)~ NT$30,000,000 (exclusive)	JT Lin, Linwu Kuo, Olivia Liao	JT Lin, Linwu Kuo, Olivia Liao
NT$30,000,000 (inclusive)~ NT$50,000,000 (exclusive)	Ming Hsu, TS Wu, G C Hung, Oliver Chang, Chitung Liu, S F Tzou, Osbert Cheng, Steven Hsu, Jerry CJ Hu, Y S Shen, Steven S Liu, Francia Hsu, Mindy Lin, Eric Chen	TS Wu, G C Hung, Oliver Chang, Chitung Liu, S F Tzou, Osbert Cheng, Steven Hsu, Jerry CJ Hu, Y S Shen, Steven S Liu, Francia Hsu, Mindy Lin, Eric Chen
NT$50,000,000 (inclusive)~ NT$100,000,000 (exclusive)	Jason Wang	Ming Hsu
NT$100,000,000 or More	Stan Hung, SC Chien	Stan Hung, SC Chien, Jason Wang
Total	24	24

Remuneration Paid to Directors (Including Independent Directors), Presidents and Vice Presidents (Continue)

Employees' Profit Sharing Bonus Paid to Management Team

In Thousand NT$

Title	Name	Stock	Cash	Total	Ratio of Total Profit Sharing Bonus to Net Income (%)
Chairman & Chief Strategic Officer	Stan Hung				
Chief Executive Officer	Jason Wang				
President & Chief Operating Officer	Ming Hsu				
Senior Vice President	TS Wu				
Senior Vice President	G C Hung				
Senior Vice President	Oliver Chang				
Senior Vice President & Chief Financial Officer	Chitung Liu				
Vice President	JT Lin				
Vice President	Victor Chuang				
Vice President	Chuck Chen				
Vice President	S F Tzou				
Vice President	Osbert Cheng	0	260,666	260,666	0.62
Vice President	Steven Hsu				
Vice President	Jerry CJ Hu				
Vice President	Y S Shen				
Vice President	Steven S Liu				
Vice President	Francia Hsu				
Vice President	Mindy Lin				
Vice President	Linwu Kuo				
Vice President & Chief Human Resources Officer	Eric Chen				
Vice President & General Counsel	Olivia Liao				
Former President	SC Chien				
Former Vice President	C C Hsu				
Former Vice President	M C Lai				

Comparison of Compensation of Directors, Presidents and Vice Presidents in the Past Two Years

In Thousand NT$

	2025				2024			
		The Company	Companies in the Consolidated Financial Statements			The Company	Companies in the Consolidated Financial Statements	
	Amount	The Percentage to Net Income (%)	Amount	The Percentage to Net Income (%)	Amount	The Percentage to Net Income (%)	Amount	The Percentage to Net Income (%)
Directors' Remuneration	47,560	0.11	47,840	0.11	48,700	0.10	49,000	0.10
Executive officers' Compensation	864,206	2.07	923,388	2.21	1,142,011	2.42	1,230,489	2.61
Net Income Stated in the Parent Company Only Financial Reports	41,716,249		41,716,249		47,210,930		47,210,930	

Note: The directors' remuneration includes Base Compensation, Severance Pay and Pensions, Compensation to Directors and Business Execution Expenses. The executive officers' compensation includes Salary, Severance Pay and Pensions, Bonuses and Special Expenses etc., and Employees' Profit Sharing Bonus.

The Company' s compensation for Directors and Executive officers is based on UMC's Articles of Incorporation and formulations, and is distributed in proper ratios.

The Standards and Policies, and Portfolios for Payment of Emoluments, Procedures for Setting Emoluments, and Correlations with Business Performance and Future Risks

Policy for Directors' (Including Independent Directors) Compensation

Pursuant to UMC's Articles of Incorporation, Article 21-1, the Company shall allocate no more than 0.2% of profit as directors' (including Independent Directors) compensation for each profitable fiscal year after offsetting any cumulative losses. Directors (including Independent Directors) may only receive compensation in cash. In accordance with Article 17, remunerations for all directors (including Independent Directors) shall be decided by the Board of Directors authorized by a meeting of shareholders according to involvements and contributions to the Companies' operation and at the normal rate adopted by other firms of the same industry. The Company instituted the Rules for Performance Evaluation of the Board of Directors and annually executive self-evaluation of the Board and the performance self-assessment of each director. In addition to self-assessments, the performance of the Board is assessed by an external independent professional institution or a panel of external experts and scholars at least once every three years. Both performance appraisal and compensation rationality shall be reviewed by Remuneration Committee and Board of Directors.

Policy for Management Team's Compensation

The Company annually evaluates its salary level with similar industries to ensure the Company's competitiveness. The Company's salary structure can be divided into fixed and variable. The compensation is set to fully reflect the achievements for individuals and teams. Fixed compensation is determined based on job duties and relative importance of the position and other factors, and variable compensation is based on the execution and achievement status of the operating strategy and
objectives that the manager is responsible for. Evaluation index of variable compensation shall include financial performance index, which are return on equity (ROE) %, operating margin (OM) %, earnings per share and total shareholder return, and sustainability index, including increasing revenue proportion and market share of sustainable products, integrate UMC's core capabilities, minimize environmental footprint, and create social value. UMC is committed to the advancement of the three aspects of ESG (environmental, social, governance), therefore, in addition to the Company's competitiveness in the industry, performance on ESG targets is added to key performance metrics in order to align the interests of executives with that of the Company and making corporate sustainability a common goal. Starting from 2022, the annual ESG rating performance indicators of MSCI (Morgan Stanley Capital International) have been linked to long-term reward measures (with a weight of 40% in the total reward) and the goal is to achieve a rating of A or above. To demonstrate a strong commitment to improving corporate governance efficiency and promoting sustainability concepts, starting from 2024, ESG performance indicators will include new targets such as reducing greenhouse gas emissions and increasing the proportion of female directors (with a weight of 40% in the total reward), and both of these goals must be achieved to receive the corresponding weight of rewards.

UMC shall assess the performance of directors and officers according to the Rules for Performance Assessment of the Board of Directors and the Performance Appraisal for employees of UMC, in order to decide their compensation. An adequate compensation scheme will be calculated by referencing the Company's operation results, future risks, corporate strategies, industry trends, and also individual contribution. The performance assessment and compensation proposals were reviewed and approved by Remuneration Committee and Board of Directors. The Company will review the remuneration policy foresaid based on macroeconomics and business strategies to achieve both corporate sustainability and interest of stakeholders.

Corporate Governance Practices

Information of Board Meeting Operation

Board Meetings were held 6 times in 2025; all independent directors attended each meeting in person; the attendance rate of all directors was 98.15%; the attendances of directors were as follows:

Title	Name	Attendance in Person	By Proxy	Attendance Rate (%)	Remarks
Chairman	Stan Hung	6	0	100.00	
Independent Director	Lih J. Chen	6	0	100.00	
Independent Director	Jyuo-Min Shyu	6	0	100.00	
Independent Director	Kuang Si Shiu	6	0	100.00	
Independent Director	Wen-Hsin Hsu	6	0	100.00	
Independent Director	Ling-Ling Wu	6	0	100.00	
Independent Director	Su Lin Wang	6	0	100.00	
Director	Hsun Chieh Investment Co., Ltd. Representative: SC Chien	6	0	100.00	
Director	Silicon Integrated Systems Corp. Representative: Jason Wang	5	1	83.33	

Other Matters to Be Recorded:

1. If any of the following circumstances occur, the dates of the meetings, sessions, contents of motion, all independent directors' opinions and the company's response should be specified:
   (1) Matters referred to in Article 14-3 of the Securities and Exchange Act: The Company has established an Audit Committee, and Article 14-3 of the Securities and Exchange Act is not applicable to the Company. Please refer to Page 29 of the Annual Report for related information of the operation status of the Audit Committee.
   (2) Other matters involving objections or expressed reservations by independent directors that were recorded or stated in writing that require a resolution by the board of directors: None.
2. If there are directors' avoidance of motions in conflict of interest, the directors' names, contents of motion, causes for avoidance and voting should be specified:

Date of Board Meeting	Name of Director	Contents of Motion	Cause for Avoidance	Participation in Voting
February 26, 2025	Stan Hung, Chairman SC Chien, Director Jason Wang, Director	Approved UMC's donation to UMC Science and Culture Foundation	Concurrently serve as the director of UMC Science and Culture Foundation	Did not participate in discussion and voting
	All the directors	Approved the amount and ratio of the 2024 distributable compensation for directors	The amount and ratio of distributable compensation for directors are related to directors' interest	Each director did not participate in discussion and voting for the amount and ratio of distributable compensation for him/her
	Stan Hung, Chairman SC Chien, Director Jason Wang, Director	Approved the compensation proposal for managers	Concurrently serve as a manager of the Company	Did not participate in discussion and voting
June 4, 2025	Stan Hung, Chairman SC Chien, Director Jason Wang, Director	Approved the compensation proposal for managers	Concurrently serve as a manager of the Company	Did not participate in discussion and voting
July 30, 2025	Stan Hung, Chairman SC Chien, Director Jason Wang, Director	Approved the compensation proposal for managers	Concurrently serve as a manager of the Company	Did not participate in discussion and voting
October 29, 2025	Stan Hung, Chairman SC Chien, Director Jason Wang, Director	Approved the issuance of restricted stock awards for employees	Concurrently serve as a manager of the Company	Did not participate in discussion and voting
December 17, 2025	Stan Hung, Chairman SC Chien, Director Jason Wang, Director	Approved the compensation proposal for managers	Concurrently serve as a manager of the Company	Did not participate in discussion and voting

3. For the information of evaluation cycles, periods, scope, method and content of self-evaluation of the Board of Directors, please refer to the execution status of self-evaluation of the Board of Directors.
4. Measures taken to strengthen the functionality of the board:
   To implement corporate governance and enhance the Nomination and Election of the Board, the Company designated a Company Secretary to account for corporate governance matters and assist in supervision of the Board, and the "Policy for Nomination and Election of Directors" and "Skill Matrix of Board Members," which are references for composition structure of the Board are established by the Sustainable Development and Nominating Committee. In addition to conducting a board performance evaluation every year, the Company also engaged with TAIWAN CORPORATE GOVERNANCE ASSOCIATION to implement performance evaluation of the Board of Directors in 2023; please refer to the Company's website for the evaluation report:
   https://www.umc.com/en/IR_Director/directors_information
   The UMC Board of Directors comprises of 9 members, including 6 seats for independent directors and 3 serve as administrative directors. Two-thirds of the director seats are filled by independent directors. There are 3 seats currently reserved for female directors. Based on our policy of gender equality, UMC will increase the female director seats progressively.

Execution Status of the Board Evaluation

Evaluation Cycle	Evaluation Period	Evaluation Scope	Evaluation Method	Evaluation Content
Annually	2025/1/1~2025/12/31	● The Board of Directors ● Audit Committee ● Remuneration Committee ● Capital Budget Committee ● Sustainable Development and Nominating Committee ● The Individual Directors	Self-evaluation of the Board of Directors, Audit Committee, Remuneration Committee, other functional committees and individual board members' performance	1. The self-evaluation of the board of directors includes the following aspects: (1)Participation in the operation of the company; (2)Improvement of the quality of the board of directors' decision making; (3)Composition and structure of the board of directors; (4)Election and continuing education of the directors; (5)Internal control; and (6)Level of engagement in sustainable operation (ESG). 2. The self-evaluation of the functional committees (including Audit Committee, Remuneration Committee and Capital Budget Committee) includes the following aspects: (1)Participation in the operation of the company; (2)Awareness of the duties of the functional committee; (3)Improvement of quality of decisions made by the functional committee; (4)Composition of the functional committee and election of its members; and (5)Internal control. 3. The self-evaluation of the functional committees (Sustainable Development and Nominating Committee) includes the following aspects: (1)Participation in the operation of the company; (2)Awareness of the duties of the functional committee; (3)Improvement of quality of decisions made by the functional committee; (4)Composition of the functional committee and election of its members; (5)Internal control; and (6)Level of engagement in sustainable operation (ESG). 4. The self-evaluation of board members includes the following aspects: (1)Familiarity with the goals and missions of the company; (2)Awareness of the duties of a director; (3)Participation in the operation of the company; (4)Management of internal relationships and communication; (5)The director's professionalism and continuing education; and (6)Internal control. 5. Evaluation Result: The Sustainable Development and Nominating Committee conducted the self-evaluation for 2025 of the Board of Directors, Audit Committee, Rem uneration Committee, Capital Budget Committee, Sustainable Development and Nominating Committ ee and individual board members and reported the re sult to the Sustainable Development and Nominating Committee and Board of Directors on February 25, 2026. All performance results based on the listed evaluation content were graded as "Excellent". Regarding director training, the Company will continuously arrange diverse training courses for directors based on the results of board performance evaluations. These programs aim to enhance directors' professional knowledge and skills, thereby supporting the effective operation of the Board.

Operation of the Audit Committee

The Audit Committee assists the Board of Directors in performing its supervision functions. It is also responsible for tasks defined by the Company Act, Securities and Exchange Act and other relevant regulations. Since UMC is listed on the NYSE, it also has to comply with the U.S. regulations regarding foreign issuers. The Audit Committee is comprised of all independent directors, with 3 financial experts, all members' professionalism requirements and experience, please refer to page 10 on Directors' Information and page 15 on Directors' Professional Qualification and Independent Directors' Independence Information of this annual report. It's operating according to the Audit Committee Charter (please refer to the Company's website at https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Audit_Committee/Audit_Committee_Charter_Eng.pdf).

According to the relevant regulations, the Audit Committee shall convene at least four regular meetings per year. In 2025 a total of five meetings were convened; it shall also maintain good communication channels with the Company's management, Chief of Corporate Governance Officer, the Head of Internal Audit and independent auditors.

The Audit Committee is responsible for periodic review of the following important annual matters:

- Financial statements
- Internal control system
- Material transactions of assets, derivatives, loans, endorsements, guarantees
- Audit plans of internal and external auditors and their execution status
- Engaging and removing the Company's independent auditors and assessing such auditors' remuneration and independence
- Risks and control procedures of compliance with government law
- Execution of documentation that involves government agencies
- Implementation of Whistleblower Program and Code of Conduct

Information of Audit Committee Operation

There were five Audit Committee meetings in 2025, and the attendance status is shown in the following table:

Title	Name	Attendance	Proxy Attendance	Actual Attendance Rate (%)	Note
Independent Director	Lih J. Chen	5	0	100.00	Audit Committee convener
Independent Director	Jyuo-Min Shyu	5	0	100.00	
Independent Director	Kuang Si Shiu	5	0	100.00	
Independent Director	Wen-Hsin Hsu	5	0	100.00	
Independent Director	Ling-Ling Wu	5	0	100.00	
Independent Director	Su Lin Wang	5	0	100.00	

Operation of the Audit Committee (Continue)

Other Matters to Be Recorded:

1. If the Audit Committee operates in any of the following circumstances, the date and session of the Audit Committee meeting, the content of motion, the independent directors' opinions expressing objections, reservations or major suggestions, the resolution of Audit Committee, and the Company's response to the opinion of the Audit Committee should be specified:
   (1) Items listed in Article 14-5 of Securities and Exchange Act:

Date/Session of Audit Committee	Content of Motion	Content of the Independent Directors' Opinions Expressing Objections, Reservations or Major Suggestions	Resolution of the Audit Committee	Company's Response to the Opinion of the Audit Committee
February 26, 2025, the 4th meeting of the 6th session	1.Approved the 2024 Consolidated Financial Statements (including Parent Company only Financial Statements). 2.Approved the 2024 Business Report. 3.Approved the 2024 Earnings Distribution Chart. 4.Approved the 2024 Statement of Internal Control System. 5.Approved to change Certified Public Accountant due to the internal rotation of the CPA firm in accordance with regulations. 6.Approved the content of appointed service and fee for the independent auditor appointed in 2025. 7.Approved to decrease the endorsement and guarantee of the loan for United Semiconductor (Xiamen) Co., Ltd. 8.Approved the Company's donation to UMC Science and Culture Foundation. 9.Approved the change of Chief Internal Auditor.	None.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
April 23, 2025, the 5th meeting of the 6th session	1.Approved the Q1, 2025 Consolidated Financial Statements. 2.Approved the issuance of unsecured straight corporate bonds.	None.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
July 30, 2025, the 6th meeting of the 6th session	1.Approved the Q2, 2025 Consolidated Financial Statements. 2.Approved to decrease the endorsement and guarantee of the loan for United Semiconductor (Xiamen) Co., Ltd.	None.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
October 29, 2025, the 7th meeting of the 6th session	1.Approved the Q3, 2025 Consolidated Financial Statements. 2.Approved the issuance of Restricted Stock Awards. 3.Approved the liability release of the endorsement and guarantee of the loan for United Semiconductor (Xiamen) Co., Ltd.	None.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
December 17, 2025, the 8th meeting of the 6th session	1.Approved the revision of the internal control system and internal audit implementation rules. 2.Approved to participate in the capital increase of Unimicron Technology Corp.	None.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
February 25, 2026, the 9th meeting of the 6th session	1.Approved the 2025 Consolidated Financial Statements (including Parent Company only Financial Statements). 2.Approved the 2025 Business Report. 3.Approved the 2025 Earnings Distribution Chart. 4.Approved the 2025 Statement of Internal Control System. 5.Approved the content of appointed service and fee for the independent auditor appointed in 2026. 6.Approved the Company's donation to UMC Science and Culture Foundation. 7.Approved amendment of the UMC Acquisition or Disposal of Assets Procedure. 8.Approved the issuance of Restricted Stock Awards.	None.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.

Operation of the Audit Committee (Continue)

   (2) There were no other resolutions that were not approved by the Audit Committee but were approved by two thirds or more of all directors in 2025.
2. Implementation of avoidance of independent director with respect to motion of stake: there was no such situation in the Audit Committee in 2025.
3. The communication channels between the independent directors, the Head of Internal Audit, and independent auditors:
   (1) The Company's Audit Division sends the audit reports and follow-up reports on deficiencies to independent directors each month. Besides these measures, the Head of Internal Audit presents the findings of all audit reports and communicates follow-up reports with independent directors during the Audit Committee's quarterly meetings and semi-annually separate meeting.
   (2) The Company's independent auditors present the findings of their review or audit reports regarding the financial results and internal control of the Company and its subsidiaries during the Audit Committee's quarterly meetings and separate meeting at least once a year. The independent auditors are also required to communicate to the Audit Committee the impact of IFRSs updates and announcements, any issues under applicable laws and regulations that might affect the financial reports, and whether to adjust the entries.
   (3) The Head of Internal Audit, the independent auditors and independent directors can contact each other as needed. The communication channels are seamless.
   (4) For the communication between independent directors, the Head of Internal Audit, and independent auditors, please refer to the Company's website: https://www.umc.com/en/IR_Audit/audit_committee

Information on the Members of the Remuneration Committee

The goal of Remuneration Committee's operation is to strengthen corporate governance and risk control, and to periodically evaluate and monitor the Company's remuneration system for its directors and managers while considering the provision of incentives to facilitate talent retention. The committee shall be composed of all the Company's independent directors, and convene meetings accordance with the laws.

The Remuneration Committee is responsible for periodic review of the following important annual matters:

1. Prescribe and periodically review the performance and remuneration policy, system, standards, and structure for directors and managers.
2. Periodically evaluate and prescribe the remuneration of directors and managers.

Title	Name	Professional Qualifications and Experience	Meets Criteria of Independence	Number of Other Public Companies Where the Member Concurrently Serves as a Member in the Remuneration Committee
Independent director(Convener)	Kuang Si Shiu	Members of the remuneration committee are composed of all independent directors. For further information of their professional qualification, please refer to this report on page 15.		0
Independent director	Lih J. Chen			0
Independent director	Jyuo-Min Shyu			2
Independent director	Wen-Hsin Hsu			2
Independent director	Ling-Ling Wu			0
Independent director	Su Lin Wang			2

Information of the Remuneration Committee Operation

1. The Company has a Remuneration Committee composed of six members.
2. Term of the current Committee: From May 30, 2024 to May 29, 2027.
   The Company convened five Remuneration Committee meetings in 2025 with the following attendance:

Title	Name	Number of Actual Attendance	Number of Proxy Attendance	Rate of Actual Attendance (%)	Note
Convener	Kuang Si Shiu	5	0	100.00	
Committee Member	Lih J. Chen	5	0	100.00	
Committee Member	Jyuo-Min Shyu	5	0	100.00	
Committee Member	Wen-Hsin Hsu	5	0	100.00	
Committee Member	Ling-Ling Wu	5	0	100.00	
Committee Member	Su Lin Wang	5	0	100.00	

Other Matters to Be Recorded:

1. If the Board of Directors chooses not to adopt or revise recommendations proposed by the Remuneration Committee, the date of the Directors' Meeting, session, contents of proposals, results of meeting resolutions, and the Company's disposition of opinions provided by the Remuneration Committee shall be described in detail (also, where the salary and compensation approved by the Directors' Meeting is better than that recommended by the Remuneration Committee, the differences and the reason for the approval shall be described in detail): None.
2. For the decisions made by the Remuneration Committee, if there are members who hold objection or reservation to a resolution and such objection or reservation is on record or raised through a written statement, the date, session, contents of proposals, all members' opinions, and ways in handling these opinions should be elaborated: None.
3. Major resolutions of the Remuneration Committee in 2025:

Date/Meeting	Proposal	Resolution	The Company's Handling of the Opinions of the Remuneration Committee
February 26, 2025, The 5th meeting of the 6th session	1.Directors' 2024 remuneration. 2.Executive officers' compensation structure and performance evaluation system review and executive officers' compensation and internal audit supervisor's compensation proposals.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
June 4, 2025, The 6th meeting of the 6th session	1.Salary adjustment for executive officers in 2025 2.Proposal of executive officers' bonus.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
July 30, 2025, The 7th meeting of the 6th session	1.Proposal of executive officers' bonus.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
October 29, 2025, The 8th meeting of the 6th session	1.Issuance of restricted share award.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.
December 17, 2025, The 9th meeting of the 6th session	1.Proposal of executive officers' bonus.	Approved by all members present in the meeting.	Approved by directors participating in the discussion and voting in the board meeting.

Sustainable Development and Nominating Committee

The Sustainable Development and Nominating Committee, comprised of independent directors, shall assist the Board to enhance the management mechanism and to improve corporate governance with regard to the Company's sustainable development. The objectives of the Committee include: 1. To incorporate the nomination policy and succession plans of the directors and the executives and then search for, review, and propose the candidate list of the directors and executives accordingly; 2. To construct and develop the operation of the Board and the sub-committees, as well as to plan and execute the performance assessment of the Board, the sub-committees, and the executive(s); 3. To enhance corporate sustainability strategies, corporate governance system and practices in order to protect the interests of stakeholders. Please refer to the Company's website for related information:https://www.umc.com/en/Html/sustainable_development_and_nominating_committee

Information of Sustainable Development and Nominating Committee Operation

1. There are six members in the Sustainable Development and Nominating Committee.
2. The term for elected committee members is three years, starting from May 30, 2024 to May 29, 2027. A total of four Sustainable Development and Nominating Committee meetings were held in 2025. The attendance of the committee members was as follows:

Title	Name	Professional Qualification & Experience	Attendance in Person	By Proxy	Attendance Rate (%)	Remarks
Convener	Jyuo-Min Shyu	Members of the Sustainable Development and Nominating Committee are composed of all independent directors. For further information of their professional qualification, please refer to this report on page 15.	4	0	100.00	
Committee Member	Lih J. Chen		4	0	100.00	
Committee Member	Kuang Si Shiu		4	0	100.00	
Committee Member	Wen-Hsin Hsu		4	0	100.00	
Committee Member	Ling-Ling Wu		4	0	100.00	
Committee Member	Su Lin Wang		4	0	100.00	

Other Matters to Be Recorded:

1. Major resolutions of Sustainable Development and Nominating Committee in 2025:
   Meeting on July 30, 2025, the 5th meeting of the 4th term
   (1)Approved the 2024 Sustainability Report
   (2)Approved the amendment of UMC Corporate Governance Practice Principles
   Meeting on October 29, 2025, the 6th meeting of the 4th term
   (1)Approved the ESG KPI Achievement of 2025 and the ESG KPI Target for 2026 linked with Employees' Compensation
2. Content of the committee member's opinions expressing objections, reservations or major suggestions: None.
3. Company's response to the opinion of the Sustainable Development and Nominating Committee: Approved.

Capital Budget Committee

The Capital Budget Committee comprises independent directors to assist in the Company's long-term development strategy, financial planning, and business performance. The committee discusses plan implementations, modifies and follows up on the Company's capital expenditure budget by auditing its cost-effectiveness and tracking its performance.

Information of Capital Budget Committee Operation

1. There are six members in the Capital Budget Committee.
2. The term for elected committee members is three years, starting from May 30, 2024 to May 29, 2027. A total of five Capital Budget Committee meetings were held in 2025. The attendance of the committee members was as follows:

Title	Name	Professional Qualification & Experience	Attendance in Person	By Proxy	Attendance Rate (%)	Remarks
Convener	Wen-Hsin Hsu	Members of the Capital Budget Committee are composed of all independent directors. For further information of their professional qualification, please refer to this report on page 15.	5	0	100.00	
Committee Member	Lih J. Chen		5	0	100.00	
Committee Member	Jyuo-Min Shyu		5	0	100.00	
Committee Member	Kuang Si Shiu		5	0	100.00	
Committee Member	Ling-Ling Wu		5	0	100.00	
Committee Member	Su Lin Wang		5	0	100.00	

Other Matters to Be Recorded:

1. Major resolutions of Capital Budget Committee in 2025:
   Approved capital budget expenses of NT$ 42,892 million in 2025.
2. Content of the committee member's opinions expressing objections, reservations or major suggestions: None.
3. Company's response to the opinion of the Capital Budget Committee: Approved.

Corporate Governance Implementation Status and Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies"

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
1. Has the Company established and does it disclose the Corporate Governance Best-Practice Principles based on "Corporate Governance Practice Principles for TWSE/TPEx Listed Companies?"	✔		The UMC Corporate Governance Practice Principles is posted on the Corporate Governance section of UMC's website for stakeholders to download. Please refer to: https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/UMC_Corporate_Governance_Practice_Principles_eng.pdf.	None
2. Shareholding Structure & Shareholders' Rights				
(1) Has the Company established an internal operating procedure to deal with shareholders' suggestions, doubts, disputes and litigations, and implement it based on the procedure?	✔		UMC has established an internal operating procedure for personnel of Finance Division, Legal & Global Compliance Division to deal with shareholders' suggestions, doubts, disputes and litigations, and designated a specific contact window (ir@umc.com) and included an Investor Relations section on the Company's website to deal with shareholders' suggestions, doubts, disputes and litigations. Please refer to the Company's website for stakeholders' contact:https://www.umc.com/en/Html/stakeholder_contacts.	None
(2) Does the Company possess the list of its major shareholders as well as the ultimate owners of those shares?	✔		UMC possesses the list of its major shareholders as well as the ultimate owners of those shares.	None
(3) Has the Company established and does it execute the risk management and firewall system within its conglomerate structure?	✔		UMC has established relevant control mechanisms within its internal regulations and internal control systems in accordance with laws and regulations (including "Rules for Regulating Related Party Transactions").	None
(4) Has the Company established internal rules against insider trading with undisclosed information?	✔		UMC has formulated the Policies and Procedures for Refraining from Insider Trading and is committed to advocating policies against insider trading.	None
3. Composition and Responsibilities of the Board of Directors				
(1) Does the Board develop and implement a diversified policy for the composition of its members?	✔		Please refer to the "Board of Directors Information" on page 10, and the "Disclosure of Directors' Professional Qualifications and Independent Directors' Independence Information" on page 15 of this annual report for information on the diversified composition policy and its implementation by the board members.	None
(2) Has the Company voluntarily established other functional committees in addition to the Remuneration Committee and the Audit Committee?	✔		To meet the needs of industry characteristics and operations, UMC has established the Capital Budget Committee. The Committee currently comprises six independent directors responsible for assisting UMC with its long-term development strategy, financial planning, and business performance. For the sustainable development of UMC and assisting the Board with enhancing its management mechanism and improving corporate governance, UMC established the Sustainable Development and Nominating Committee. The Committee comprises all independent directors who are responsible for searching and reviewing the candidate list of the directors and executives accordingly, executing the performance assessment of the directors and executives, and supervision of corporate governance. For information on the Capital Budget Committee and the Sustainable Development and Nominating Committee, please refer to UMC's website at https://www.umc.com/en/Html/capital_budget_committee and https://www.umc.com/en/Html/sustainable_development_and_nominating_committee.	None
(3) Has the Company established a standard to measure the performance of the Board, and has it been implemented annually? Are the implemented results reported to the Board, and used as a reference for individual directors' compensation and nomination renewal?	✔		UMC has formulated Rules for Performance Evaluation of the Board of Directors and implemented it accordingly. A. The Company conducted annual self-evaluation of the Board of Directors, Audit Committee, Remuneration Committee, other functional committees and individual board members' performance. The Sustainable Development and Nominating Committee conducted the self-evaluation for 2025 of the Board of Directors, Audit Committee, Remuneration Committee, Capital Budget Committee, Sustainable Development and Nominating Committee and individual board members and reported the result to the Sustainable Development and Nominating Committee and Board of Directors on February 25, 2026. All performance results based on the listed evaluation content were graded as "Excellent". Regarding director training, the Company will continuously arrange diverse training courses for directors based on the results of board performance evaluations. These programs aim to enhance directors' professional knowledge and skills, thereby supporting the effective operation of the Board. B. The performance of the Board is also assessed by an external independent professional institution or a panel of external experts and scholars at least once every three years. After the performance evaluation conducted by an external assessment institution in 2018 & 2020, the Company re-engaged with external assessment institution, Taiwan Corporate Governance Association, to implement performance evaluation of the Board of Directors in 2023. The Rules for Performance Evaluation of the Board of Directors and the Results of the Performance Assessment of the Board of Directors, please refer to the Company's website: https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/The_Rules_for_Performance_Assessment_of_the_Board_of_Directors_eng.pdf and https://www.umc.com/en/IR_Director/directors_information. The Company's Directors' Compensation is regulated in the Company's Articles of Incorporation. The Company shall allocate no more than 0.2% of profit as directors' compensation for each profitable fiscal year, and Directors' Compensation is linked to the performance of the Company's operation and the Board. According to the Policy for Nomination and Election of Directors, performance assessment of the board is used as a reference for nomination and election of Directors.	None

Corporate Governance Implementation Status and Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
(4) Does the Company regularly evaluate the independence of CPAs?	✔		UMC's Audit Committee evaluates the competence and independence of the CPAs based on Audit Quality Indicators (AQIs) and guidance such as the Norm of Professional Ethics for Certified Public Accountant in the Republic of China (NFCPAAROC Code). A. Evaluation Process: a. UMC evaluates the competence of the CPAs based on AQIs report issued by the accounting firm and other related information. The main evaluation items are listed below: I. Scope 1: Profession i. Do the senior auditors have sufficient audit experience to carry out the audit work? ii. Do the CPAs and the senior auditors have adequate training every year to continuously acquire professional knowledge and skills? iii. Does the accounting firm maintain adequate senior human resources? iv. Does the accounting firm have adequate professionals to support the audit team? II. Scope 2: Quality Control i. Are the CPAs overloaded with work? ii. Do the members of audit team devote appropriate time in each audit stage? iii. Does the EQCR CPA devote enough time to review the audited cases? iv. Does the accounting firm have adequate manpower of quality control to support the audit team? III. Scope 3: Independence i. What impact does the proportion of non-audit service fee have on independence? ii. What impact does the cumulative number of years of audit cases where the annual financial report has been signed by an accounting firm have on independence? IV. Scope 4: Monitor i. Does the accounting firm conduct the quality control and audits on cases in accordance with relevant laws and regulations? V. Scope 5: Creativity i. The accounting firm commits to enhance audit quality, including its capability and planning of innovation. b. UMC evaluates the independence of the CPAs based on guidance such as NFCPAAROC Code and Standards on Auditing. The main evaluation items are listed below: I. Based on the results of the CPAs' response to the independence questionnaire, the evaluation determines whether the CPAs meet the independence requirements. i. Do the CPAs have direct or material financial interest in UMC? ii. Do the CPAs have a close business relationship or any potential employment relationship with UMC? iii. Have the CPAs and the members of audit team currently or in the past two years served as UMC's directors, managers or in positions that have significant influence on the audit work? iv. Have the CPAs ever promoted or acted as a broker for UMC's stocks or other securities issued by UMC? v. Except for the business permitted by laws, have the CPAs represented UMC in defending legal matters or other disputes between UMC and third parties? vi. Do the CPAs have a family or close relative relationship with the UMC's directors, managers, or employees who have a significant influence on the audit work? vii. Have the CPAs accepted the gifts or special offers of significant value from UMC, its directors, managers or major shareholders? viii. Do the CPAs have any financing or guarantees activities with UMC or its directors? ix. Have the CPAs provided any non-audit services to UMC that would have a direct impact on the audit work? x. Have the CPAs been rotated periodically? II. Except for the audit fees and non-audit service fees approved by the Audit Committee, do the accounting firm, the CPAs or the members of the audit team not have significant transactions with UMC group? III. Have the CPAs issued a declaration of independence to UMC? B. Evaluation Results a. Based on the AQIs report, the CPAs didn't have material deficiencies or sanctions in external inspections in recent years. The accounting firm has been continuously introducing digital audit tools to enhance audit quality. Besides, all audit and non-audit services provided by CPAs have been reviewed by the Audit Committee in advance to ensure that non-audit services do not affect the audit results. Except for the engagement of services, the CPAs have no other financial interests or business relationships with UMC and the CPAs has issued a declaration of independence for UMC. b. Based on the evaluation results of the above indicators, no incidents were found that affect the competence or independence of the CPAs. The evaluation results were discussed and approved by the Audit Committee on February 25, 2026, and then were submitted to the Board of Directors for approval on the same day.	None

Corporate Governance Implementation Status and Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
4. Does the Company have an adequate number of corporate governance personnel with appropriate qualifications, and has a Chief Corporate Governance Officer been appointed to be in charge of corporate governance affairs (including but not limited to providing information for directors and supervisors to perform their functions, assisting directors and supervisors with legal compliance, handling matters relating to board meetings and shareholders meetings according to laws, producing minutes of board meetings, and shareholders meetings)?	✔		Upon nomination by the Sustainable Development and Nominating Committee of UMC, the Board of Directors appointed Mr. Chitung Liu, the Senior Vice President and CFO of UMC, as the Chief Corporate Governance Officer on March 6, 2019. The position is accountable for corporate governance matters, including preparation and execution of agenda and matters relating to the Shareholders' Meeting, the Board, Audit Committee, Remuneration Committee, Capital Budget Committee, and Sustainable Development and Nominating Committee, assistance in fulfilling requests by directors to perform duties and provide information, and is also responsible for ensuring legal compliance of the Board, promoting communication and dialogue between the management team and the directors, and among the board members, and communicating with the independent directors on corporate governance-related affairs on a regular basis every year. The Chief Corporate Governance Officer has been in a managerial position for at least three years in a public company in handling financial and stock affairs, and completed professional training in accordance with laws and regulations.	None
5. Has the Company established a communication channel and built a designated section on its website for stakeholders (including but not limited to shareholders, employees, customers, and suppliers), responded appropriately to stakeholders on corporate social responsibility issues?	✔		UMC's Corporate Sustainability Committee is responsible for stakeholders and identifying issues across the Company. The Committee is also responsible for establishing consultation and communication channels with stakeholders in accordance with internal operational mechanisms, designating specialists to receive, record and respond to messages and input from various stakeholders. The Corporate Sustainability Committee conducts annual review of key sustainability issues and contingency plans to determine appropriate responses and publicly disclose relevant stakeholder communication information through the Sustainability Report and UMC's website, and at the same time reports key stakeholder concerns and countermeasures at Board meetings.	None
6. Has the Company appointed a professional shareholder service agency to deal with shareholder affairs?	✔		UMC has appointed Horizon Securities Co., Ltd., a professional shareholder service agency, to deal with shareholder affairs.	None
7. Information Disclosure				
(1) Does the Company have a corporate website to disclose both financial standings and the status of corporate governance?	✔		The Company has built a corporate website and exclusive webpage to publish up-to-date information for both financial situation and the status of corporate governance at all times for investors' reference. Please refer to the Company's website for related information: https://www.umc.com/en/IR/ir_overview.	None
(2) Does the Company have other information disclosure channels (e.g. building an English website, appointing designated people to handle information collection and disclosure, creating a spokesman system, webcasting investor conferences)?	✔		The Company has built Chinese and English websites, and has appointed a designated person to handle information collection and disclosure, including the information of investor conferences. The Company also has designated a spokesperson, acting spokesperson(s), and a specific contact window (ir@umc.com) to deal with shareholders' suggestions as per regulation. Please refer to the Company's website for related information: https://www.umc.com.	None
(3) Does the Company announce the annual financial report within 2 months after the end of the fiscal year, and announce the Q1, Q2, Q3 financial reports and monthly operation status before the deadlines?	✔		The Company announces its monthly operation status within the prescribed deadlines and announces the annual and the quarterly financial reports before the deadlines. The Company's announcement of the 2025 annual financial report was completed on February 25, 2026.	None
8. Is there any other important information to facilitate a better understanding of the Company's corporate governance practices (e.g., including but not limited to employee rights, employee wellness, investor relations, supplier relations, rights of stakeholders, directors' and supervisors' training records, the implementation of risk management policies and risk evaluation measures, the implementation of customer relations policies, and purchasing insurance for directors and supervisors)?	✔		(1) Continuing Education/Training of Directors: To strengthen the competency of the Board, UMC informs its directors periodically of professional courses held by relevant organizations. For Continuing Education/Training of Directors, please refer to pages 42-43 of this annual report. (2) Board meeting attendance: Please refer to Page 27-33 on Board of Directors Operations, Audit Committee Operations and Remuneration Committee Operations in this annual report. (3) Risk management policies and risk measurement standards implementation: Please refer to Page 120 on Risk Management and Evaluation in this annual report. (4) Customer policy implementation: Please refer to Page 104 on Overview of Market, Production, and Sales in this annual report. (5) Employee Rights, Employment Care, Investor Relations, Supplier Relationships and Stakeholders Rights Implementation: Please refer to Page 44-61 on Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies", Page 131-142 on Corporate Sustainable Development in this annual report, and UMC Sustainability Report. (6) The status of liability insurance for directors and supervisors purchased by the Company: UMC has purchased liability insurance for directors since 2000. The renewal of liability insurance for directors was completed in 2025 and was reported during the last Board Meeting. (7) UMC website for corporate governance policies and implementation: https://www.umc.com/en/Html/ir_corporate_governance.	None
9. Please explain the improvements which have been made in accordance with the results of the Corporate Governance Evaluation System released by the Corporate Governance Center, Taiwan Stock Exchange, and provide the priority enhancement measures.			UMC was ranked in the top 5% of companies in "Corporate Governance Evaluation" every year since 2015. The UMC Board of Directors comprises nine members, including six seats for independent directors and three serve as administrative directors. Two -thirds of the director seats are filled by independent directors. There are three seats currently reserved for female directors. Based on our policy of gender equality, UMC will increase the female director seats progressively. UMC disclosed the remuneration paid to each individual director from 2024.	

Continuing Education/Training of Directors in 2025:

Title	Name	Study Period		Sponsoring Organization	Course	Training Hours	Compliance with Regulations (Note)
		From	To				
Chairman	Stan Hung	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.09.23	2025.09.23	INDEPENDENT DIRECTOR ASSOCIATION TAIWAN	The Impact and Corresponding Policy of US Tariff Policies to Our Country's Economy and Enterprises	3	Yes
		2025.11.27	2025.11.27	INDEPENDENT DIRECTOR ASSOCIATION TAIWAN	Introduction to the carbon pricing mechanism and the latest IFRs international sustainability standards (S1&S2)	3	Yes
Independent Director	Lih J. Chen	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.10.22	2025.10.22	THE GREATER CHINA FINANCIAL DEVLOPMENT ASSOCIATION	Industrial Development and Future Opportunities of Generative AI	3	Yes
Independent Director	Jyuo-Min Shyu	2025.03.20	2025.03.20	TAIWAN ACADEMY OF BANKING AND FINANCE	Corporate Governance Lecture	3	Yes
		2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.08.22	2025.08.22	CHINESE NATIONAL ASSOCIATION OF INDUSTRY AND COMMERCE	2025 TS Holdings Net Zero Summit	3	Yes
Independent Director	Kuang Si Shiu	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.07.10	2025.07.10	TAIWAN SECURITIES ASSOCIATION	International Trends in Sustainable Governance and Green Risk Response Strategies (including Sustainability Information)	3	Yes
		2025.07.18	2025.07.18	INSTITUTE OF FINANCIAL LAW AND CRIME PREVENTION	Prevention of Insider Trading and Latest Practical Developments	2	Yes
		2025.08.07	2025.08.07	INSTITUTE OF FINANCIAL LAW AND CRIME PREVENTION	Sharing on the Trends of Preventing Money Laundering and Combating Terrorist Financing and the Practical Methods of Preventing Insider Trading (including Anti-Corruption and Anti-Weapons Proliferation)	3	Yes
Independent Director	Wen-Hsin Hsu	2025.04.16	2025.04.16	INSTITUTE OF FINANCIAL LAW AND CRIME PREVENTION	Enterprise Sustainability Performance Evaluation	3	Yes
		2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.06.18	2025.06.18	INSTITUTE OF FINANCIAL LAW AND CRIME PREVENTION	Analysis of practical cases on shareholders' meeting disputes	3	Yes

Continuing Education/Training of Directors in 2025:

Title	Name	Study Period		Sponsoring Organization	Course	Training Hours	Compliance with Regulations (Note)
		From	To				
Independent Director	Ling-Ling Wu	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.10.03	2025.10.03	SECURITIES & FUTURES INSTITUTE	Insider Trading Prevention Advocacy Meeting in 2025	3	Yes
Independent Director	Su Lin Wang	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.06.13	2025.06.13	TAIWAN INVESTOR RELATIONS INSTITUTE	Leading Strategies for Enterprises in AI Transformation	3	Yes
Representative of Juristic-Person Director	Jason Wang	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.10.03	2025.10.03	SECURITIES & FUTURES INSTITUTE	Insider Trading Prevention Advocacy Meeting in 2025	3	Yes
Former Representative of Juristic-Person Director	SC Chien	2025.06.04	2025.06.04	TAIWAN CORPORATE GOVERNANCE ASSOCIATION	Navigating the Crossroads: Strategic Roadmap in a Transforming Global Landscape	3	Yes
		2025.09.23	2025.09.23	INDEPENDENT DIRECTOR ASSOCIATION TAIWAN	The Impact and Corresponding Policy of US Tariff Policies to Our Country's Economy and Enterprises	3	Yes

Note: Regulations are Applicable Subjects, Continuing Education Hours, Continuing Education Scope, Continuing Education System and Continuing Education Arrangements and Information Disclosure specified in "Directions for the Implementation of Continuing Education for Directors and Supervisors of TWSE Listed and TPEx Listed Companies."

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies"

Evaluation Item	Yes	No	Implementation Status / Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
1. Does the Company have a governance framework to promote sustainable development in place, with a division authorized by the Board to exclusively or concurrently promote corporate social responsibility policies and responsible for reporting back to the Board?	✔		The Board of Directors serves as the unit for the highest level of sustainable governance, and also plays a supervisory and guiding role to regularly review the progress of the sustainable strategy, and guide the management team to make adjustment when necessary. In addition, the effectiveness of ESG governance is supervised by the Sustainable Development and Nominating Committee, which is composed of all independent directors. The ESG Steering Committee appointed the Chief Sustainability Officer (CSO) as the Chairman to lead the senior executives (C-Suite) to meet every quarter, and to be in charge of determining UMC's ESG governance strategy and goals. The Chairman of ESG Steering Committee report to the Sustainable Development and Nominating Committee and the Board of Directors annually on the Company's sustainable performance and plans, as well as key issues and countermeasures that stakeholders are concerned about. The Corporate Sustainability (CS) Committee and the Enterprise Risk Management (ERM) Committee operate under the supervision of the ESG Steering Committee to ensure that ESG governance and related policies are effectively implemented throughout the organization. Sustainability affairs are mainly coordinated by the CS Committee, which is responsible for stipulating the direction and goals of sustainable development. The eight functional groups of the CS Committee appoint the vice presidents as the groups' chairs to review the performance and target achievements quarterly. The representative of the CS Committee reports the quarterly performance and plans to the ESG Steering Committee. The CSO also holds regular meetings with the CS Office to oversee and manage the Company's sustainability actions. In 2025, a total of four meetings were held, discussing 7 topics including International Financial Reporting Standards (IFRS) Sustainability Disclosure Standards, the Task Force on Climate-related Financial Disclosures (TCFD), renewable energy target, and UMC Sustainability Report, among others. The main points of the proposal reported to the Sustainable Development and Nominating Committee and the Board of Directors by the Chairman of the ESG Steering Committee and CSO on October 29, 2025 include ESG activities and achievements, stakeholder communication, ESG future focus and adoption status of the IFRS Sustainability Disclosure Standards, etc. A total of twelve key ESG issues were reported and communicated, including issues related to corporate governance, integrity management, risk management, information security, supply chain management, human rights, diversity, equity, and inclusion (DEI), volunteer culture, social participation, climate action, circular economy, and biodiversity. Relevant major issues need to be reported to the Board of Directors for approval. In 2025, the resolutions related to sustainability approved by the Board of Directors included the 2024 UMC Sustainability Report, the achievement of employees' remuneration linked to ESG KPIs, donation to UMC Science and Culture Foundation and green investments, including renewable energy, energy conservation, carbon reduction, improvement of pollution prevention facilities, and investments in Circular Economy & Recycling Innovation Center.	None
2. Does the Company follow materiality principle to conduct risk assessment for environmental, social and corporate governance topics related to company operation, and establish risk management related policy or strategy?	✔		Through the Corporate Sustainability Committee, the Company keeps itself current on the development of domestic and international sustainable development standards and changes in the corporate environment, reviews and improves the sustainable development system of UMC, and follow materiality principle to conduct impacts identification and significance assessment for environmental, social and corporate governance issues related to the Company's operations. In addition, the Enterprise Risk Management Committee has also formulated enterprise risk management policies. Through risk management methods and organizations, the Committee effectively prevents and controls enterprise risks, identifies possible opportunities, comprehensively implements them in daily operations, shapes and deepens the risk culture, and establishes complete and transparent risk communication with all stakeholders to maintain long-term and steady operations. For significant risk issues, the Enterprise Risk Management Committee develops specific response strategies and submits them to the ESG Steering Committee to ensure consistency with the company's sustainability strategy. In addition, we report to the Board of Directors at least once a year to align with risk management policies and report on risk management results. For the details, please refer to the section "Corporate Sustainable Development-Description of Sustainable Management" and "Risk Management and Evaluation" of this annual report.	None
3. Environmental Issues				
(1) Does the Company have environmental management systems appropriate for its industry in place?	✔		All UMC fabs have established environmental management systems in accordance with ISO 14001 and continue to obtain third-party verification. Additionally, we have established and maintained an environmental protection, occupational safety and health management system through our Environmental protection, Safety, and Health Management Manual. UMC is certified under the ISO 14001 Environmental Management System, with the most recent certification valid from November 16, 2025 to November 15, 2028. The Company's environmental policy explicitly states the goal of achieving zero pollution, complying with or exceeding environmental regulations and international conventions. UMC is committed to becoming a sustainable green enterprise. UMC combines daily management and comprehensive quality management activities, and incorporates environmental safety management plans into actual plant operations to achieve implementation goals. In terms of environmental safety and health risks in its operations, UMC systematically assesses the possible impact of all process activities from raw material use to waste production on the environment and employees. Projects with potentially significant environmental impact are managed and controlled through raw material assessment, substitution and reduction, process pollution source control and reduction, effective treatment of end-of-pipe pollution, and reuse of surplus by-products. The 2025 environmental management goals of UMC include reducing the negative environmental impact of products, reducing greenhouse gas, increasing renewable energy usage, and implementing environmental education. All annual management targets have been achieved. For more information, please refer to the " Environmental Protection, Occupational Safety and Health Management" section in this year's annual report and the corporate sustainability webpage. Employee safety and health are protected through equipment safety, chemical safety and operational safety management. For carbon emission management, UMC established its greenhouse gas (GHG) inventory standard mechanism in accordance with inventory guidelines defined by domestic and international organizations, including the ISO14064-1 and Greenhouse Gas Protocol. The Company inventories the GHG emissions of all its fabs annually to fully determine the status of its GHG and verify the effectiveness of their reduction. To achieve sustainable operations, UMC adopts a clean production and zero–incident approach to environmental protection and safety, and sets environmental health and safety management system goals every year. By promoting programs that reduce environmental impact and strengthen safety, UMC continuously improves its performance in environmental protection and safety management.	None

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
(2) Does the Company endeavor to utilize all resources more efficiently and use renewable materials which have low impact on the environment?	✔		In 2001, UMC became the first company in Taiwan's semiconductor industry to pass integrated environmental protection, occupational safety and health management system certifications. Please refer to the "Corporate Sustainable Development-Environmental Protection, Safety and Health Management" chapter in this annual report for details on greenhouse gas reduction and management, energy conservation management, water conservation management, waste and resource recovery management, and pollution discharge and control. For more detailed descriptions of various energy efficiency measures, please refer to UMC Sustainability Report, which is summarized below: • Green Building: UMC has incorporated energy conservation, carbon reduction and green building into its operational guidelines and goals, and introduced green building certification into all its new fabs. • Green Production: To achieve the goal of zero pollution, UMC has established a comprehensive new material evaluation process to effectively screen and control new materials introduced into the development of new processes so as to avoid or reduce the use of raw material with harmful environmental impact. • Green Process: The semiconductor process uses a wide variety of raw materials of high purity and high quality. Through improving process design and technology, UMC reduces raw material consumption, which not only reduces emissions at the source, but also reduces operating costs. UMC has established a comprehensive information database to manage the importing and requisition of raw materials for processing. In addition, in special projects to promote carbon credit, source reduction is achieved through process optimization, workflow improvement and target management. • Green Design: As a leader in semiconductor wafer technology, UMC not only ensures that its output wafers meet the low toxicity requirements of customers, but is also committed to reducing the environmental impact of manufacturing and developing numerous high-performance and low-cost chip design processes. • Green Products: Although UMC does not produce its own branded products, it continues to develop and incorporate numerous low-toxicity, low-energy green product technologies to provide customers with the most complete service for meeting the requirements of the green energy era. In 2006, UMC led global semiconductor manufacturers in completing third-party verification and audit of the Hazardous Substance Process Management (HSPM) system, becoming the first semiconductor manufacturer company in the world to obtain QC-080000 IECQ HSPM certification for all its fabs. • Shipping Packaging Material Management: The materials used for shipping UMC products are in full compliance with the requirements of the European RoHS (Restriction of the use of certain Hazardous Substances). Suppliers provide the third-party qualified inspection report for related packaging materials. • Resource Recycling and Reuse Research: UMC prioritizes the reuse of recycled output waste, and continuously evaluates and introduces new technologies for reuse. UMC collaborates with qualified recycling vendors on numerous recycling projects, and makes on-site improvements (such as changing liquid waste pipelines and segregated collection) to increase the types of recyclable waste. • UMC Group is planning to fully implement ISO 50001 Energy Management System certification. The current certificate validity periods for each fab are as follows: Fab 12A P1/P2/P3/P4: September 25, 2025 to September 25, 2028 Fab 12A P5/P6: October 26, 2024 to October 26, 2027 Fab 8E: November 27, 2024 to November 27, 2027 Fab 8F: January 19, 2026 to January 19, 2029 Fab 8S: January 5, 2026 to January 5, 2029 Fab 8CD: December 10, 2024 to December 10, 2027 HJ: June 29, 2023 to June 28, 2026 USCXM: March 25, 2025 to March 25, 2028 It is expected that all UMC fabs in Taiwan will obtain ISO 50001 third-party certification by 2026. For details of the ISO 50001 certificates, please refer to the company website: https://www.umc.com/zh-TW/Download/awards_and_certificates. • UMC Group's energy usage over the past two years:	None

Category	Item	2024 Energy Consumption (MWh)	2025 Energy Consumption (MWh)
Direct Energy (A)	Natural Gas	230,382	220,141
	Diesel, LNG, etc. (other external sources)	15,777	26,726
Indirect Energy (B)	Purchased Electricity (excluding renewable energy)	3,218,294	3,099,331
Non-renewable Energy (C)	(A) + (B)	3,464,453	3,346,198
Renewable Energy (D)	Solar Power, Renewable Energy Certificates, etc.	665,254	1,039,895
Total Energy (E)	(C) + (D)	4,129,707	4,386,093
Renewable Energy Ratio	(D)/(E)	16.1%	23.7%

Notes:

1. Scope: UMC Group (UMC and its subsidiaries HJ, USCXM, Wavetek, and USJC)
2. Renewable energy sources include self-generated solar power, externally purchased renewable energy (such as green power purchase agreements), and renewable energy certificates.
3. Purchased energy includes: natural gas, diesel, etc., calculated based on the calorific value of the energy products.

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
(3) Does the Company evaluate the potential risks and opportunities of climate change on its operations and take actions?	✔		Since 2018, UMC has constructed the UMC Climate Change Risk and Opportunity Assessment tool based on TCFD (Task Forced on Climate-related Financial Disclosures). The Climate Change Risk and Opportunity Assessment Team conducts assessments regularly. The assessment is based on the aspects such as policies, regulations, changes in the market and technologies, reputation, and physical risk. The assessment result and related countermeasures are submitted to the Corporate Sustainability Committee for approval. In addition, to align with IFRS S2, UMC has scheduled adjustments to its financial disclosures and methodological enhancements in 2025, in preparation for the official external announcement in 2027. With this year's assessment completed, the potential risks and opportunities, along with our responses, are listed below. For further details, please refer to UMC Sustainability Report. • Risk: Carbon tax/fee for GHG emission control Response: 1. Promote GHG reduction plans, such as F-GHGs reduction and energy saving plan 2. Participate in the self-determined reduction plan for greenhouse gases announced by the Ministry of Environment 3. Apply for carbon credits from carbon offset program 4. Construction of UMC's own solar power generation facilities 5. Purchase green energy/green energy certificates 6. Evaluate carbon negative technology and promote net zero 7. Participate in carbon trading market and purchase carbon credits • Opportunity: Carbon trading and offsetting opportunities Response: Respond to government policies to reduce greenhouse gas emissions, improve overall equipment and fab operation efficiency in order to obtain future carbon credits.	None
(4) Has the Company compiled data on its greenhouse gas emissions, water consumption, and total weight of waste over last two years, and has the Company established strategies for reduction of emissions water consumption, and waste?	✔		The environmental information of UMC, such as greenhouse gas emissions, water consumption, and total weight of waste, is disclosed in the Sustainability Report every year, which is verified by a third party. UMC has also formulated an environmental protection policy, climate change policy, and water resources management policy, and promoted the reduction plans and targets at various stages as a guideline for continuous improvement. For the policy, implement measures and data of the past two years, please refer to the section" Corporate Sustainable Development-Environmental Protection, Safety and Health Management" of this annual report.	None
4. Social Issues				
(1) Does the Company have appropriate management policies and procedures in place according to relevant regulations and the International Bill of Human Rights?	✔		UMC Code of Conduct follows Responsible Business Alliance Code of Conduct (RBA), UN Global Compact, International Labor Office Tripartite Declaration of Principles, the OECD Guidelines for Multinational Enterprises, UN Universal Declaration of Human Rights, the UN Human Rights Norms for Business, the UN Guiding Principles on Business and Human Rights and related international standards and complies with the requirement of local laws and regulations. For scope of application and related information, please refer to the UMC Code of Conduct website at https://www.umc.com/en/Html/UMC_code_of_conduct and UMC Human Rights Policy Declaration website at https://www.umc.com/en/Html/labor_and_human_rights#umc_human_rights_policy_declaration. Human Rights Promotion Practices: 1. Every year, risk identification is conducted in accordance with the "Human Rights Risk Identification Process", and surveys on corporate social responsibility related issues are sent to stakeholders including employees, communities, and government agencies through online and paper questionnaires. Through systematic data collection and analysis, we gain deeper insights into the issues of concerns to stakeholder, which form the foundation for subsequent human rights risk management. Additionally, we develop and implement internal human rights management initiatives informed by stakeholder recommendations to ensure the comprehensiveness and effectiveness of our management strategies. Due diligence identification objects include their own operations, value chain, suppliers, subsidiaries, business partners and new business relationships (such as mergers, joint ventures, and acquisitions). According to the risk identification process, a comprehensive due diligence assessment is conducted before the establishment of new business relationships to ensure that there are no potential risks, and is included in the Human Rights Risk Assessment disclosure scope in the year following the formal establishment of the new business relationship. Step1 Establish a list of human rights risk issues: According to the human rights issues stated in the international human rights conventions and policies, and the status of the industrial chain, a list of human rights risk issues is listed. Step2 Engage with stakeholder: Use stakeholder surveys to evaluate the potential risk issues (vulnerable groups such as employees, women, children, indigenous people, migrant workers, third-party employees, and local communities are included). Step3 Identify significant human rights risks: This assessment is conducted once a year and covers the entire value chain. The sustainability committee members evaluate internal employees and external stakeholders, including customers, suppliers, business partners, subsidiaries, value chain, and new business relationship partners. Step4 Define the response targets of human rights risk: Set response targets for human rights risk issues, and offer an action plan or measure (including mitigation plan and remedies). Step5 Check implementation effectiveness: Review the annual goal and follow up improvement measures in the Corporate Sustainability Committee every quarter.	None

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Implementation Status		Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
	Yes	No	Abstract Explanation
			Conduct regular human rights risk assessments: Every year, risk identification is conducted in accordance with the "Human Rights Risk Identification Process", and surveys on corporate social responsibility related issues are sent to stakeholders including employees, communities, and government agencies through online and paper questionnaires. By collecting and analyzing the results of the surveys, issues that are concerned by the stakeholders can be better understood, which will benefit the identification of key indicators, serving as the reference for subsequent risk management. According to the results of human rights risk assessment, UMC establishes mitigation and remedial measures, identifies the human rights issues related to each department, notes management and improvement measures, and tracks the results of implementation. In 2025, there were no high-risk items to improve, and no human rights violations occurred, so no remedial measures were implemented. 2. Supplier Human Rights Due Diligence Assessment 2-1. UMC referenced the "Responsible Business Alliance (RBA)" content and referred to the "UN Guiding Principles on Business and Human Rights" and the "Corporate Sustainability Due Diligence Directive (CSDDD)" to establish the "UMC Supplier Code of Conduct". Both new and existing suppliers need to sign the aforementioned code to qualify for collaboration and undergo periodic risk assessments and on-site audits to implement continuous improvement measures. At the same time, UMC also encourages first-tier suppliers to require their suppliers to adopt the UMC Supplier Code of Conduct for management practices. Additionally, supplier selection considerations include compliance with the "UMC Supplier Code of Conduct" and the "UMC Supplier Employee Code of Ethics". Supplier ESG risk assessment and supervision mechanism: screening mechanism -> risk assessment mechanism -> on-site audit mechanism -> supervision mechanism (1) Screening mechanism: Screening aspects include environment, society, corporate governance, and business continuity. (2) Risk assessment mechanism: Send out the ESG risk assessment questionnaire, and use UMC's enhanced platform for questionnaire management and progress tracking for evaluation. (3) On-site audit mechanism: Entrust a third-party impartial organization for on-site audits. (4) Supervision mechanism: Require suppliers to propose corrective action plans based on audit results. 2-2. Investigation scope identified for the year: First-tier suppliers. 2-3. Major human rights issues: Including policies on labor and ethics, compliance with the Responsible Business Alliance Code of Conduct (RBA), matters of wages and working hours, health and safety, and freedom of assembly and association. 2-4. Deficiency Counseling Improvement Plan: Regarding deficiencies found in audits, a third party will issue corrective and preventive measures on the day of the audit and require suppliers to submit improvement plans. UMC will assist and counsel suppliers to complete improvements within one month after the audit date. Over the past year, 100% of audited suppliers completed deficiency improvements within the deadline. UMC believes that responsible supply chains are a critical part of implementing the corporate sustainability blueprint. We leverage UMC's influence to continuously promote various ESG projects and build a sustainable supply chain. This includes holding annual sustainability briefings to convey UMC's requirements for corporate sustainability, ESG performance, and various international standards to suppliers, spreading the concept of a sustainable supply chain to them. Additionally, to enhance internal procurement staff awareness on sustainability, educational training on international sustainability standards and issues is conducted. 3. The total number of training hours on human rights in 2025 is 16,403.8 hours, and the completion rate of the training is 100%. In addition, to protect the basic rights and interests of workers, when major changes in operations occur, UMC will follow the relevant provisions of the Labor Standards Act in Taiwan, the Employment Act in Singapore, and the Labor Contract Law in China. To protect the human rights of workers, UMC has formulated the "Workplace Sexual Harassment Prevention Measures, Complaints and Disciplinary Regulations" and provides clear grievance procedure to protect the rights and interests of employees. 4. Management system: UMC established the "EICC Committee (renamed RBA Committee in 2018)" in 2013 to manage human rights related issues, including labor, health and safety, environment, ethics, etc., and formulate relevant policies as well as performance targets, and regularly track and review the results of the implementation plan. 5. The RBA Committee annually reviews whether the internal system of UMC complies with the latest RBA standards in order to fully implement the RBA Code of Conduct. The risks of each plant are assessed through the RBA-Online platform to prevent potential risks from occurring. In 2025, the RBA SAQ scores of all plants in Taiwan and Singapore are higher than 80 points in UMC, indicating that the risk is low. For more details, please refer to UMC Sustainability Report Respect Human Right section.	

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
(2) Does the Company declare reasonable employee welfare measures (including salary remuneration policy, regulations for leaves and others) and integrate the Company's performance with employees' reward?	✔		● Compensation and Benefits UMC provides equal job opportunities and remuneration, conducts and implements reasonable employee compensation and welfare system. UMC's employee compensation is based on educational level, performance and market value, regardless of gender, race, religion, political position and marital status. The compensation is in lined with all applicable local laws and regulations in terms of minimum wage, retirement pension, leaves and other mandatory benefits to safeguard the rights of our employees. To provide more diversified remuneration and improve employee well-being, UMC implements an employee stock ownership plan since 2024. UMC provides subsidies for our permanent employees in Taiwan to purchase company stocks for assisting employees in long-term investment and reduce investment risks, so as to attract and retain talent. UMC is committed to providing workplace with work-life balance and offers all employees various welfare benefits beyond what is required by statutory regulations including holidays, insurance, financial assistance for emergencies, subsidies for marriage/childbirth/funerals, discounts in designated shops and employee assistance service. Temporary employees and contractors enjoy the same benefits. ■ Paid Leave that is Superior to Local Regulations 1. Additional 7 days of supplemental holidays are given for colleagues to use flexibly. 2. To provide better care to newly hired female employees, UMC provides fully paid maternity leave even if the employee's period of service is less than 6 months. 3. Provide maternity leave (up from statutory 448 hours to 480 hours) and paternity leave (up from statutory 56 hours to 80 hours) and an additional 24-week parental leave at 80% of their salary, a total of 36 weeks and 26 weeks of parental leave are available for primary and non-primary carers respectively. 4. To provide support to fellow employees, for those whose spouse's grandparents are deceased, the funeral leave will up from statutory 24 hours to 48 hours. whose spouse' great grandparents passed away will be given a funeral leave of 24 hours at full-pay which is superior to the Labor Standards Act. ■ Health Care and Emergency Help 1. Regularly conduct employee health checks, plan health promotion activities, set up a health care system, and actively track and care for employee health. 2. Equipped with employee assistance programs (EAP), injury and illness treatment and care to take care of employees' health comprehensively. 3. Provide company group insurance, cancer insurance, medical insurance, accident insurance, hospitalization condolences, emergency relief funds to assist colleagues in emergency situations. ■ Diverse Activities and Discounts in Designated Shops 1. Welfare committee holds diverse activities such as year-end party, Secretary's Day, Company's Anniversary Day, Engineers' Day, one-day travel, family day, and art festival, etc. 2. Social club evaluations and subsidies for employee social club activities. 3. Corporate agreements with stores all over Taiwan – a specially designed APP allows colleagues to enjoy discounts for food, clothing, housing and travel. ■ Parenting Measures and Breastfeeding Environment 1. To encourage employees to have children, UMC provides measures ranging from care and nursing consultation during pregnancy, maternity leave, maternity inspection leave, exclusive parking space, priority meal pickup, maternity subsidy, unpaid parental leave, certified breastfeeding room, night shift transfer and other measures. 2. To provide comprehensive assistance, UMC signed contracts with neighboring kindergartens to take care of the day-care needs of employees ' children, and assists in the registration work of the primary and secondary schools in the science park. 3. In cooperation with the Administration, a non-profit kindergarten will be set up to give employees more comprehensive support for family care. ■ Friendly Working Environment 1. Staff cafeterias, free shuttle bus, activity center, telecommunications/banking/insurance on-site services, convenience stores/coffee shops and other stores are available in office buildings and fab sites. 2. Provide flexible working hours. For more information on benefits, please refer to employee benefits on page 111 of this annual report. ● Diversity and Inclusion Practices UMC encourages a diverse and inclusive culture, where differences of every individual are respected. The Company makes hiring decisions based on the required professional skills, offering equal opportunities to all qualified candidates. Applicants are not treated differently for factors including their race, color, nationality, ethnicity, gender, marital status, age, disability, family status, sexual orientation, or political beliefs. The Human Rights and Employee Development/Welfare Group of CS Committee is responsible for promoting and reporting on the performance and promotion of diverse workplace implementation, which includes diversity and inclusion training, as well as sharing sessions on exemplary female leadership and management, aimed at encouraging female colleagues to assume supervisory positions and gradually increasing the proportion of female managers. In 2025, the UMC Group set a target of 23% for the proportion of female managers, and the actual achievement was 24%, exceeding the original goal. The target for 2030 has been set to increase to 25%. Diversity and Inclusion statement and related practices can be found on UMC official website: https://www.umc.com/en/Html/diversity-equity-and-inclusion ● Performance-oriented Compensation System UMC offers salary adjustments, differentiated bonus/employee compensation and stock remuneration (employee stock option certificates, treasury shares and restricted stock award) based on individual performance, job responsibilities and future development potential to attract, retain and motivate outstanding employees. To attract and retain key talents to achieve the company's mid- and long-term goals, UMC issued and granted a total of 32,878,000 restricted shares in 2025, and set a 4-year long-term performance goal to encourage employees to achieve the company's operational goals. The proportion of employees awarded this time is approximately 3.8% of all employees which below senior management level.	None

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
			UMC also actively joins the remuneration surveys of well-known worldwide enterprises to ensure that the overall remuneration offered by UMC is competitive in the market. The Company shall allocate no less than 5% of profit as employees' compensation for each profitable fiscal year after offsetting any cumulative losses. Of the aforementioned employees' compensation, no less than 30% shall be distributed to grassroots employees. (Please refer to Employees' and Directors' Compensation in the section Capital and Operations Overview in this report.) Moreover, in order to internalize the concept of ESG into the core of operation and enhance employees' sense of responsibilities for corporate sustainability and risk management, ESG targets are set and associated with employees' variable compensation and the allocation of employee profit sharing percentage would be increased accordingly, so that all employees can enjoy the benefit of ESG achievement. Through the alignment of interests of employees and the Company, corporate sustainability can become a common goal. In 2025, the company has achieved the ESG targets for five consecutive years.	
(3) Does the Company provide a healthy and safe working environment, and organize training on health and safety for its employees on a regular basis?	✔		UMC has three categories of occupational safety and health education based on job characteristics: • Company-wide general education and training in occupational safety and health. • Plant occupational safety and health education organized by each fab. • Occupational safety and health related training formulated by each division according to divisional characteristics. "Safety First. Prioritize Safety Over Production" is UMC's commitment to employees. The Company plans implements necessary occupational safety and health education and training for work and prevention of disasters. Training is divided into company-wide general education courses, factory-run courses, and department-specific courses, so that employees can develop safety awareness and knowledge, with the aim of reducing accidents caused by unsafe behavior. In addition to regular courses, safety-related training courses for specific events or major cases are also introduced occasionally. In 2025, UMC Groups have offered 2,639 classes, attracting a total of 136,370 person-times participants. The courses include e-learning courses so that employees can learn occupational safety and health knowledge without being limited by the schedule of physical courses. All fabs of UMC Group have obtained the ISO 45001 Occupational Health and Safety Management System certificate, and UMC Taiwan fabs have also passed the Taiwan Occupational Safety and Health Management System (TOSHMS) certification. The validity period for both UMC's ISO 45001 and TOSHMS certificates is from November 16, 2025 to November 15, 2028. For more information about UMC Group's ISO 45001 and TOSHMS certificates, please refer to the official website:https://www.umc.com/en/Download/awards_and_certificates. In 2025, UMC Groups had 4 occupational incidents, involving 4 people, accounting for 0.02% of the total number of employees, and there was no fire incident occurred. For any occupational incident, the accident department must fill in the UMC Incident Report System to analyze and explain the root cause of the incident, propose prevention actions for the root cause, and track the improvement measures through the system to prevent similar incidents from happening again. For more information please refer to the section "Corporate Sustainable Development-Environmental Protection, Safety and Health Management" of this annual report. • Employee Physical Examination, Health management, Health promotion UMC actively promotes healthy workplace related management and promotion and charity activities. In 2025, UMC promoted a healthy workplace lifestyle themed "Inclusive Health, Vibrant All Seasons" to create a healthy living workplace. A series of themed "Collect the word HEALTH" activities are planned for the metabolic syndrome community, encouraging colleagues to engage in a variety of exercises and continuing a series of health education to strengthen their awareness of independent health management and health enhancement. The results in 2025 are as follows: 1. The "Collect the word HEALTH" campaign with 10 tasks planned including (1) "The Password for Check Out Health" -- Regular check-ups to protect your health. (2) "Discover a New Flavor of Health through Eating" -- Healthy plates for extra vitality. (3) "Stay away from metabolic syndrome" -- Physical fitness for endless possibilities. (4) "Listening to the lecture provides a wealth of knowledge" -- Learn together and stay healthy together. (5) "Happy walking for health, every step is a win" -- Fitness walking for endless possibilities. (6) "Understand fat to regain health" -- Happy fat loss for joyful health. (7) "Happy fat control for happy health" -- Happy fat loss for health. (8) "Reading New Horizons" -- Health knowledge at your fingertips. (9) "Happy relaxation as you please" -- Unwind and relieve stress to start a fresh chapter. (10) "Let love continue with blood donation" -- Give blood and let your passion live on. In 2025, we organized 12 health talks and distributed 61 health information bulletins to encourage colleagues to adopt healthy lifestyles. To further motivate participation, we offered incentives such as lucky draws. We will continue to promote a variety of health initiatives to enhance employee well-being. Based on the analysis of annual health check, compared with 2024, the 2025 achievement rate of successfully getting rid of metabolic syndrome reached 27%. 2. 627 female employees received women 3-in-1 health exam, and the satisfaction rate was 98% in Hsinchu, 97% in Tainan. 3. 658 employees received abdominal ultrasound examination, and the satisfaction rate was 99% in Hsinchu, 98% in Tainan. 4. 744 self-paid vaccination doses Influenza Vaccine (Pneumococcal Vaccine, HPV, and Herpes Zoster Vaccine) were administered, with a satisfaction rate of 99% in Hsinchu, 99% in Tainan. 5. 7,279 employees consulted with in-house physicians, including general counseling, selection, rehabilitation, assignment, middle-aged and elderly protection, ergonomics referrals, health check abnormalities, work load, maternity protection, precision/elevated/first respiratory protection, and other fitness assessments. 6. 5,375 cases of nursing care and requests for first aid assistance.	None

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
			• Employee health care The Company provides new employees with physical examinations and annual health check-ups, and subsequently conducts health management based on the results of these examinations, and the special operation inspection personnel are classified for case-by-case management. Besides, the Company cooperates with medical institutions to hire on-site doctors to provide health consultation services to employees. Effective health risk management and case management are implemented for all employees with abnormal test results. They are also included in the information system for monitoring and are integrated in the "health care system," thereby achieving 100% care rate. 1. In 2025, a total of 11,284 employees in the Company received physical checkup. The completion rate of required inspection personnel for regulations reached 100%. The inspection rate of those participating in inspections is 100%, which is better than the regulations. The satisfaction score was 94% in Hsinchu headquarter, 90% in other fabs in Hsinchu, and 96% in Tainan. 2. Conduct an overload questionnaire based on health examination reports and online questionnaire results to identify high-risk groups of overwork. A total of 2,067 employee completed the questionnaire survey in 2025, and intermediate and high-risk individuals was consulted by physicians for evaluation and guidance recommendations. The completion rate of on-site physician consultation reached 100%. • Employee consulting and assistance program To enhance the physical, mental, and spiritual health of employees, the Company provides each employee with 6 free sessions of individual counseling per year. Appointments for individual counseling are arranged through a one-on-one privacy protection mechanism. UMC's promotion and cultivation of a healthy workplace is deeply recognized by enterprises. UMC has long been committed to promoting a healthy workplace. In response to the transformation of the certification system this year into the "Workplace Health Promotion Self-Assessment," the headquarters and all branch sites have completed the required applications, while some sites continue to maintain valid qualifications for the "Healthy Workplace Self-Certification." This assessment not only highlights UMC's ongoing efforts in workplace health, but also demonstrates the Company's commitment to the holistic well-being of employees — physically, mentally, and spiritually.	
(4) Does the Company provide its employees with career development and training sessions?	✔		According to the training blueprint corresponding to different job categories and levels, UMC encourages all colleagues (including formal, dispatched and temporary staff) to continue to learn and develop their personal careers in line with industry trends, and will continue to provide transfer incentives and implement the internal transfer system. UMC has set management skills or core professional competencies requirements for managers and colleagues at all levels. Internal training courses are designed based on job function models to plan corresponding development programs. In addition to mandatory training courses, employees can also participate in various selective training courses according to their personal needs and future development considerations, in order to prepare in advance for career planning and development in the next stage. For more information, please refer to Education and Training section in this annual report.	None
(5) Does the Company comply with relevant regulations and international standards about customers' health, safety, privacy, advertise and label of goods and services and establish consumer protection policy?	✔		UMC implements the hazardous substance management system QC 080000 to ensure that products comply with the European Union's requirements for restricted substances in electronic products (such as EU RoHS) and global chemical control regulations. UMC also provides customers with green products to meet their needs and further expand the market for green products. UMC has also established a cross-division Hazardous Substances Process Management Committee (HSPM committee) to improve the efficiency of green product management. On the other hand, by raising the awareness of all employees, UMC provides products that comply with regulations and customer demands through the control and improvement of design and production, fulfilling its corporate social responsibility of protecting the environment as well as public health and safety. UMC commit to continuously strengthen world-class process technology, manufacturing capability, and excellent service to enhance customer service value. Since the beginning, UMC always value customers as partners and create an exceptional business philosophy based on the spirit of "United for Excellence". UMC works closely with customers to achieve the win-win mission and goals, hence rendering customer satisfaction as one of the core company value. Customer-oriented behavior is to provide the total solutions from a customer perspective to realize and satisfy customer's requirement for product and service quality. To achieve this end, UMC has introduced the MyUMC, MyHJTC (for HJ only) and MyUSC (for USCXM only) online service platforms for customers to easily check product status such as order production status, shipping date and product quality data. In addition, the website also provides an Engineering Data Analysis function for customers to analyze product data as needed. In addition to providing customers with information on the process materials for their products through the MyUMC, MyHJTC, MyUSC and MyUSJC online service platforms, UMC has also incorporated the Voice of Customer (VOC) instant online complaint system within the MyUMC, MyHJTC, MyUSC and MyUSJC service platforms for customer to easy access. This interface allows customers to make requests, comments or suggestions about the Company's products or services at any time. The system reply to the customer within one working day regarding their request has been processed by corresponding division. A dedicated person then assigns the customer input to appropriate division for handling and response, and customers can check the progress at any time on the website. UMC's measures for responding to customer complaints must meet customer demand for product and service quality. To this end, there is a regular review for customer complaints, handling progress and the quality of response to ensure that each division not only offers corresponding measures but also provides subsequent series of related solutions to enhance overall customer satisfaction. UMC collects customer voice feedback in the VOC system and translates them into specific improvement actions for continuous and comprehensive improvement of the Company's product competitiveness and service quality. For consumer protection mechanisms, in order to strictly protect customer-related information, UMC has established external document management procedure. All specifications and technical documents from customers are strictly controlled by UMC's internal system. Therefore, we can prevent leakage of customer document and ensure the document is utilized and proceeded appropriately. In the future, UMC will continue to accumulate smart assets, provide better products and services, work with customers to challenge more difficult giants in technology development and production, and share win-win results with customers. UMC is ISO 9001 & IATF 16949 & QC-080000 IECQ HSPM international standards certified. The Company's quality policies are based on these standards to provide customers with excellent product quality, reasonable price and excellent and timely service to enhance customer competitiveness. UMC adheres to the principle of continuous improvement. Through cultivating awareness in all employees, and control and technical improvement in design and production, UMC offers products that meet regulatory and customer demand for no harmful substance management, thereby fulfilling the Company's global citizens responsibility of ensuring environmental protection and human health and safety.	None

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
			UMC values the privacy rights of its employees, users of its products or services, customers, suppliers, contractors, applicants, website visitors of UMC, and other individuals (collectively referred to as "Data Subjects"). UMC only collects and uses the personal data of Data Subjects within the necessary scope and for the purposes specified in the consent form and Privacy Policy. The percentage of usage for secondary purpose is 0%. Regarding the collection and use of personal data within the necessary scope, UMC has established clear collection methods, personal data categories, purposes and legal bases, ways to process personal data, cross-border transmission regulations, protection of minors, potential sharing of personal data, cross-border transmission limitations, Data Subject's rights, personal data retention periods and expiration destruction mechanisms, and has established personal data communication channels and related information security management measures. UMC has established and announced the "Privacy Protection Procedure" to explicitly regulate UMC's management methods of Privacy Policy and personal data security incidents handling procedures, and UMC will continue to monitor global privacy laws and regulations to continuously optimize management processes and personal data security incidents reporting mechanisms. UMC has a zero-tolerance policy against any violation of the Privacy Policy and the Privacy Protection Procedure. UMC may impose disciplinary measures, including but not limited to imposing warnings or demerits on those who violate the Privacy Policy and the Privacy Protection Procedure. If an employee abuses others' personal data that is not within the scope of his or her duties and without obtaining approval of his or her supervisor, the Company may terminate the employee's employment without prior notice in accordance with Article 12, paragraph 4 of the Labor Standards Act. UMC may also file civil claims and/or criminal charges against employees who violate the Privacy Policy and the Privacy Protection Procedure, and seek for provisional remedies. If UMC receives privacy-related complaints, they will be handled in accordance with the aforementioned "Privacy Policy" and "Privacy Protection Procedures." Furthermore, UMC provides regular training to enhance the understanding of global privacy laws and regulations to employees. Different levels of personnel will be made aware of their authority to handle personal data, storage restrictions, and the mechanism for reporting personal data security incidents. Personal data should also be protected in accordance with the internal guidelines. In 2025, 9,659 employees completed UMC's personal data protection training, achieving a 100% passing rate. UMC periodically reviews Data Subjects' consent forms and current retention of personal data in the Company, and establishes appropriate protection and security mechanisms to prevent personal data security incidents, such as accidental or unlawful damage, destruction, alteration, disclosure, access, transfer, storage, or other processing.	
(6) Does the Company have a supplier management policy to regulate suppliers on concern related to environmental protection, labor and human rights, safety, and health?	✔		Through the supplier sustainability evaluation mechanism and UMC's Supplier Code of Conduct, the Company strives to enhance suppliers' compliance of labor rights, workplace safety, environmental protection, compliance with business ethics and management systems, information and communication security or privacy protection. By conducting annual assessments, the Company is able to track suppliers' progress and take corresponding measures, reducing the risk of operational interruptions. Suppliers ESG Risk Assessment Criteria UMC formulated its Supplier Code of Conduct based on the Responsible Business Alliance (RBA)'s Code of Conduct, the UNGP, and the CSDDD (Corporate Sustainability Due Diligence Directive). Both existing and news suppliers are required to sign this code in order to become a supplier of UMC. In addition, subsequent risk assessments and onsite audits are conducted on a regular basis to facilitate continuous improvement. Social Impact Project To ensure suppliers prioritize their supply chain management, enforce ethical standards, and implement management measures, UMC announced on its e-Procurement platform (supplier platform) that suppliers must commit to having their key suppliers (i.e., UMC's second-tier key suppliers) sign an "Employee Ethics Agreement" and to including key suppliers in the supply chain assessment/review/management scope. As of 2025, 84% of second-tier key suppliers had signed the "Employee Ethics Agreement," and the target rate is 90% by 2030. Supplier Sustainability Building In 2025, UMC continued to strengthen its supply chain management, implement sustainability initiatives, and enhance related guidance to build supplier sustainability capabilities. To stabilize and strengthen supply capabilities, UMC continuously guided suppliers in diversifying and localizing their supply capabilities. Simultaneously, to raise awareness of sustainability initiatives among procurement personnel and implement sustainable supply chain management, UMC held several training courses over the past two years, aiming to improve suppliers' ESG practices and accelerate the sustainability of its supply chain management. UMC held sustainability sharing sessions at its subsidiaries, branches, and throughout Taiwan to promote the concept of sustainable development to suppliers. In 2025, UMC held sustainability briefings in mainland China to promote UMC's sustainability policies to its mainland suppliers. Building a Green Supply Chain and Promoting a Circular Economy UMC believes that a green supply chain is a crucial part of implementing its corporate sustainability blueprint. We continue to leverage UMC's influence as a leading enterprise to promote low-carbon supply chain projects. To achieve its net-zero emissions target by 2050 and in response to the international renewable energy initiative "RE100", UMC aims to reduce supply chain carbon emissions by 20% by 2030. In 2025, suppliers participating in the low-carbon supply chain achieved a 10% reduction in carbon emissions. Environmental Protection Projects UMC takes the development of green products as its mission, promoting green procurement from the source of product manufacturing—through procurement implementation management—to cherish resources and protect the environment. In 2025, green procurement amounted to NT$1.2 billion. For further explanation, please refer to the "Building a Sustainable Supply Chain" chapter in the Sustainability Report.	None
5. Does the Company prepare a Sustainability Report that complies with international guidelines and is verified by a third party?	✔		As of 2025, UMC has publicly issued a non-financial related sustainability annual report for 25 consecutive years. At the same time, the 2024 UMC Sustainabilty Report is the 20th annual report disclosing UMC's corporate sustainable development. This report is compiled according to the GRI Standards of the Global Reporting Initiative, the SASB Standard – Semiconductors of the International Sustainability Standards Board, and TCFD, and is verified by SGS Taiwan Ltd. in accordance with the Account Ability 1000 Assurance Standard v3 Type 2, High level assurance. In 2026, UMC will compile the 2025 UMC Sustainability Report that will address major sustainable issues and stakeholder concerns, and will commission a third party to verify the report.	None

Promotion of Sustainable Development and Deviations from "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status / Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
6. If the Company has established the sustainable development principles based on "Sustainable Development Best Practice Principles for TWSE/TPEx Listed Companies," please describe any discrepancy between the Principles and their implementation:			For details of the Sustainable Development Best Practice Principles formulated by UMC, please refer to https://www.umc.com/en/Download/major_internal_policies. The Company's sustainable operations show no inconsistency from the Principles. For other details, please refer to the "Corporate Sustainable Development" of this Annual Report and the UMC Sustainability Report.	
7. Other important information to facilitate better understanding of the Company's sustainable development practices:			UMC is a current member of Business Council for Sustainable Development of Taiwan (BCSD Taiwan), The Allied Association for Science Park Industries (ASIP) and Taiwan Semiconductor Industry Association (TSIA). In addition to actively promoting environmental safety and health and corporate sustainability activities, UMC also serves as a representative to provide recommendations to government and academic institutions in their formulation and development of sustainable development policies. For other details, please refer to the UMC Sustainability Report and the Corporate Sustainability webpage at https://www.umc.com/en/CSR/sustainability_overview on UMC website.	

Climate-related Information of TWSE/TPEx Listed Companies

Disclosure of climate-related information

Item	Implementation status
1.Describe the supervision and governance of the Board and the management team regarding climate-related risks and opportunities.	UMC's Board of Directors and Functional Committees oversees climate change risks, opportunities, coping strategies, and related promotion plans (Frequency: At least annually). ESG Steering Committee is responsible for ESG governance, strategy, objective decision, systems or management guidelines and concrete promotional plans (including climate change), and report to the Board of Directors on a periodic basis. Corporate Sustainability Committee is in charge of setting sustainability direction and objective, enforcing systems or related management guidelines (including climate change). If the results of climate change risk assessment influence corporate major decision, they will be escalated to the ESG Steering Committee for approval. Enterprise Risk Management Committee (ERM committee) coordinates related departments to jointly review the Company's internal and external risks (including climate change risks), regularly trace the changes for major company-wide risks, and report the overall improvement actions to the ESG Steering Committee. For details, please refer to the contents of UMC Sustainability Report.
2.Describe how the identified climate risks and opportunities affect the business, strategy, and finances of the company (in the short, medium, and long term).	According to UMC Climate Change Risk and Opportunity Assessment Methodology, short-term is defined as within the next 3 years; medium-term is defined as within the next 10 years; and long-term is defined as more than 10 years in the future. UMC formulates response plans for the identified major risks and opportunities. Taking carbon tax/fee as an example, it is expected that operating costs will gradually increase due to rising rates, resulting in a decline in profits. Therefore, the Company has set a net zero emission target in 2050, and actively promotes greenhouse gas (GHG) reduction plans to reduce potential financial impacts. For other risk and opportunity information, please refer to the Company's Sustainability Report.
3.Describe the impact of extreme climate events and transitional actions on company finances.	For the identified climate risks and opportunities, UMC has taken into account the potential financial impact on revenue, costs, assets, and other aspects. For relevant information, please refer to the Company's Sustainability Report.
4.Describe how climate risk identification, assessment and management processes are integrated into the overall risk management system.	The Climate Change Risk and Opportunity Assessment Working Group conducts assessment annually, and develops adaptation and mitigation countermeasures. The assessment results are submitted to the Corporate Sustainability Committee for approval. If the assessment results are listed as major company-wide risks, ERM committee will simultaneously manage it and trace the implementation progress of countermeasures on a regular basis, and summarizes the overall risk improvements and reports to the ESG Steering Committee to ensure alignment with the Company's sustainability strategy.
5.If a scenario analysis is adopted for the assessment of resilience to climate change risks, then the scenarios, parameters, assumptions, and analysis factors used, as well as the major financial impacts should be explained.	UMC conducts climate-related scenario analysis, including transitional scenarios based on Nationally Determined Contributions (NDCs) and World Energy Outlook (WEO) published by Internationlly Energy Agency (IEA), and physical scenarios in Assessment Report published by Intergovernmental Panel on Climate Change (IPCC). UMC also conducts risk and opportunity analysis for policies, regulations, markets and technologies transitions, business reputation, legal issues (including litigation), and physical risks. For relevant parameters, assumptions, analysis factors and major financial impact information, please refer to the Company's Sustainability Report.
6.If there is a transition plan for managing climate-related risks, please describe the content of the plan, as well as the indicators and goals used to identify and manage physical risks and transition risks.	In order to achieve net zero emissions by 2050, UMC has drawn up a low-carbon transition plan to cover direct emissions from fab operations (Scope 1), indirect emissions from energy consumption (Scope 2), and indirect emissions from value chain (Scope 3). The three resolutions are: (1) Persistent and proactive carbon emissions reduction: Through continually developing advanced foundry process technologies, enhancing productivity and improving energy efficiency, UMC is able to minimize carbon emissions in both manufacturing stage of wafers and using stage of IC end products; (2) 100% renewable energy: A 3-stage objective of 25% by 2025, 50% by 2030, and 100% by 2050 is set to substantially increase the proportion of consuming renewable energy, UMC will also invite its value chain to support the low-carbon energy transition; (3) Investment in net-zero technologies: UMC commits to invest in net zero emissions technologies and participate in Carbon Offset Projects to remove and offset carbon emissions that are inevitable or still subject to technical restrictions. For relevant indicators and targets, please refer to the Company's Sustainability Report.

Item	Implementation Status
7.If internal carbon pricing is used as a planning tool, the basis for setting the price should be stated.	UMC has considered the international carbon market prices, the carbon prices of GHG relevant regulations and the costs of reducing GHG emissions of the Company to set an internal carbon price at US$100/ton CO_2e. We use it as a reference for carbon reduction management and planning.
8.If climate-related goals are set, information such as the activities involved, the scope of GHG emissions, planning schedule, and annual progress should be disclosed. If carbon offsets or renewable energy certificates (RECs) are used to achieve the relevant goals, the source and quantity of carbon reductions for carbon offsets or the quantity of renewable energy certificates (RECs) should be explained.	In 2021, UMC has announced to achieve RE100 and net zero emissions by 2050. We also established climate-related targets such as water consumption, energy use, GHG emissions, and the technology development of low energy consume products. For detailed content and status, please refer to the Company's Sustainability Report.
9.Inventory and verification results of GHG emissions, reduction target, strategy, and action palns.	Please refer to below table.

Inventory and verification results of GHG emissions

UMC established its GHG inventory standard mechanism in accordance with inventory guidelines defined by domestic and international organizations such as the ISO14064-1, Greenhouse Gas Protocol and GHG Inventory Guidance in Taiwan. Since 2006, the Company has inventoried the GHG emissions of all fabs annually to verify the effectiveness of reduction measures.

The GHG Emissions inventory and verification information of UMC Group in recent two years

Year	Scope	Total Emissions ($ton\ CO_2e$)			Intensity ($ton\ CO_2e$/million NT$)		Verification Party	Verification percentage of the inventory information	Verification Status	Verification Opinion
		Scope 1 Direct GHG Emissions	Scope 2 Indirect GHG Emissions	Total	Scope 1	Scope 2				
2024	Parent company	287,393	1,334,802	1,622,195	2.00	6.56	DNV	100%	ISO 14064-3 Reasonable assurance	Unmodified
	Subsidiary (Note 1)	176,323	189,242	365,565			SGS/DNV (Note 2)	100%		
2025	Parent company	256,900	1,280,964	1,537,864	1.83	5.80	DNV	100%	Under verification (Complete verification information will be disclosed in the sustainability report)	
	Subsidiary	178,498	96,018	274,516			SGS/DNV (Note 2)	100%		

Note 1: The scope of disclosure in the 2024 annual report covers four wafer foundry subsidiaries: HJ, USCXM, Wavetek, and USJC. Starting from this year, the scope of subsidiary disclosure has been adjusted to all subsidiaries.

Note 2: The verification party of HJ and USCXM is SGS-CSTC Standards Technical Services CO., Ltd. For the other subsidiaries, the verification party is DNV Business Assurance Co., Ltd.

GHG reduction target, strategy, and action palns

In 2021, UMC officially pledged to achieve net zero emissions by 2050 and received approval from the international renewable energy initiative "RE100," committing to 100% renewable energy usage by 2050. In 2022, UMC's GHG reduction targets passed the SBTi review, making it the world's first semiconductor foundry to do so. Having achieved its near-term reduction targets ahead of schedule, UMC further raised its targets and passed the SBTi net-zero target review in 2025. Its near-term, long-term, and net-zero targets are in line with the 1.5°C pathway. By 2030, UMC aims to reduce total GHG emissions, including direct emissions (Scope 1) and indirect emissions from electricity (Scope 2) by 42%, and to reduce value chain (Scope 3) emissions by 25%, compared to the 2020 baseline year. Furthermore, to achieve the 2050 net zero target, UMC plans to reduce Scope 1 and Scope 2 emissions by 95% and Scope 3 emissions by 90%, with the remaining unavoidable emissions to be offset or neutralized. The Scope 1 and Scope 2 GHG emissions of UMC and its all subsidiaries reduced by 37% in 2025 compared to the base year emissions of 2.883 million tons [note].

Note: Considering changes in the disclosure scope, simultaneously adjust the baseline emissions for Scope 1 and Scope 2.

Ethical Corporate Management and Deviations from "Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies"

Evaluation Item	Yes	No	Implementation Status / Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
1. Establishment of ethical corporate management policies and programs				
(1) Does the Company have an ethical corporate management policy approved by the Board of Directors, clearly state the policy and procedures in its guidelines and external documents, and demonstrate commitment from the Board of Directors and top management to implement the policy?	✔		UMC has formulated the Code of Ethics for Directors and Officers, the Employee Code of Conduct, and the Ethical Corporate Management Best Practice Principles with approval by the Board of Directors, and the UMC Code of Conduct as regulatory guidelines for all directors, managers and employees of the Company. Please refer to the UMC websites at https://www.umc.com/en/Html/ir_corporate_governance and https://www.umc.com/en/Html/UMC_code_of_conduct.	None
(2) Does the Company have policies to prevent unethical conduct, analyze and evaluate the risk of unethical conduct in operating scope periodically, at least including appropriate precautions against high-potential unethical conduct or listed activities stated in Article 2, Paragraph 7 of the Ethical Corporate Management Best-Practice Principles for TWSE/TPEx Listed Companies?	✔		The Employee Code of Conduct and the UMC Ethical Corporate Management Best Practice Principles are provisions for regulating moral integrity, conflict of interest, and business conduct. The Company also establishes a risk assessment mechanism against unethical conduct. Other relevant education, training, or tests are conducted from time to time for employee education.	None
(3) Does the Company have policies to prevent unethical conduct with clear statements regarding relevant procedures, guidelines of conduct, punishment for violation, rules of appeal, and the commitment to implement the policies and review the policies periodically?	✔			
2. Fulfill operations integrity policy				
(1) Does the Company evaluate business partners' ethical records and include ethics-related clauses in business contracts?	✔		All suppliers have signed the Employment Ethics Terms and Conditions Agreement in which policies and reporting channels are clearly stated. Furthermore, to strengthen and implement policies on quality, penalties for violating the above Process Change Notification (PCN) are clearly stated in the purchase order in accordance with the UMC Raw Material Supplier PCN Application Management Method (GG-Q12-008-E).	None
(2) Does the Company have an exclusively (or concurrently) dedicated unit supervised by the Board of Directors to be in charge of corporate integrity, implementation, and regularly reports to the Board, at least once a year?	✔		The ESG Steering Committee is the highest-level corporate social responsibility organization within UMC. The Committee formulates the direction and objectives of the Company's corporate social responsibility and sustainable development, and reports to the Board of Directors annually. (Report Date is Oct. 29, 2025.) Ethical management is only one part of corporate sustainability. For further information, please refer to UMC website at https://www.umc.com/en/Html/UMC_code_of_conduct.	None
(3) Does the Company have policies to prevent conflicts of interest and provide appropriate communication channels?	✔		Please refer to Employee Code of Conduct at https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/Employee_Code_of_Conduct-e.pdf for policies and reporting channels.	None
(4) Has the Company established effective accounting and internal control systems to facilitate ethical corporate management, and has the internal Audit Division formed and executed an audit plan based on unethical conduct risks, or engaged an external CPA to implement the audit?	✔		In order to facilitate ethical corporate management and issue a reliable, transparent and compliant report, UMC established an effective accounting system and designed relevant internal control systems based on evaluation results of risks including unethical conduct, code of conduct and regulations compliance. UMC Audit Division directly under the Board of Directors/Audit Committee performs relevant operation audits according to annual audit plans and regularly reports the audit results and improvement follow-up to the Board of Directors/Audit Committee. Through annual internal control and self-assessment, UMC has also conducted a self-review of all fab, department and subsidiaries operations to achieve the effectiveness of internal control systems' design and implementation. In addition, UMC is also listed on the New York Stock Exchange (NYSE) and subject to US regulations for foreign issuers. Since 2006, UMC has complied with the SOX 404 Act and has been audited by the independent auditors annually. To date, the independent auditors have issued unqualified audit reports for UMC's internal control design and implementation performance.	None
(5) Does the Company regularly hold internal and external educational trainings on operational integrity?	✔		UMC has formulated the Code of Ethics for Directors and Officers, the Employee Code of Conduct, and the Ethical Corporate Management Best Practice Principles as regulatory guidelines for all its directors, managers and employees. These regulations aim to enhance the quality of conduct and professional ethics of the Company and its entire staff. The abovementioned Employee Code of Conduct is implemented in the daily work of all employees through physical and online training courses and tests. In 2025, UMC fabs in Taiwan and Singapore have completed the training courses and passed relevant tests.	None

Ethical Corporate Management and Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Evaluation Item	Yes	No	Implementation Status / Abstract Explanation	Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" and Reasons
3. Channel for reporting complaints				
(1) Does the Company have a system to process complaints and offer reward incentives, a hotline for reporting complaints, and a designated personnel to follow up with complaints?	✔		Article 6 of the Employee Code of Conduct describes measures to prevent ethics violations, and to protect whistleblowers and to prevent retaliatory action. Employees or any whistleblowers may report violations to relevant management and supervisory units through e-mail or hotlines, and the head of the Audit Division is promptly notified of the report.	None
(2) Does the Company have standard operating procedures for investigating complaints, follow-up actions, and ensuring the complaints are handled in a confidential manner?	✔		After receiving a complaint, UMC will convene an investigative team to investigate the violation described in the report. Once the investigation results are confirmed, those found violating or breaching the Code of Conduct are to face adequate corrective action by the Company depending on the severity of the incident. The Company will protect any employee reporting ethics violations or frauds, or participating in the investigation, from unfair treatment or retaliation. For details, please refer to Employee Code of Conduct at https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/Employee_Code_of_Conduct-e.pdf.	None
(3) Does the Company provide proper whistleblower protection?	✔		The Company will protect any employee reporting ethics violation or fraud, or participating in the investigation, from unfair treatment or retaliation. For details, please refer to webpage at https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/Employee_Code_of_Conduct-e.pdf.	None
4. Strengthening information disclosure				
Does the Company disclose its ethical corporate management policies and the results of its implementation on the Company's website and MOPS?	✔		UMC discloses its principles on ethical corporate management, relevant regulations and status of implementation on its website and MOPS. In addition, UMC discloses relevant information in its Corporate Sustainability Report.	None
5. The Company has established its ethical corporate management policies based on the Ethical Corporate Management Best-Practice Principles for TWSE/TPEx Listed Companies; please describe any discrepancy between the policies and their implementation.			UMC has formulated the Code of Ethics for Directors and Officers, the Employee Code of Conduct, and the Ethical Corporate Management Best Practice Principles. All directors, managers and employees of the Company shall abide by the provisions of these Codes and related regulations. UMC has not have any discrepancy between the regulations and our implementation.	
6. Other important information to facilitate a better understanding of the Company's ethical corporate management policies (e.g., review and amend its policies).			UMC abides by the laws and regulations, and regularly reviews and revises the Ethical Corporate Management Best Practice Principles. For other important information that is helpful to understand the Company's Ethical Corporate Management implementation status, please refer to the information of Specific Measures for Ethical Management.	

Ethical Corporate Management and Deviations from "The Corporate Governance Best-Practice Principles for TWSE/TPEx Listed Companies" (Continue)

Specific Measures for Ethical Management in 2024-2025

Item	Implementation Status
Legal Compliance	• UMC's cross-division regulatory compliance is coordinated by the LA&GC Division, which regularly reviews laws and regulations through relevant divisions. The execution methods include, but are not limited to, regulatory searches of our operational locations, inventory and adjustment of internal systems, and various seminars or inspections on compliance with laws and regulations. • UMC implements the "Privacy Policy" and "Privacy Protection Policy" and pays close attention to the EU General Data Protection Regulation, the US California Privacy Rights Act and Consumer Privacy Act, and the Personal Information Protection Law of China. LA&GC coordinates overall regulatory compliance with these laws and regulations. Additionally, the training materials for privacy laws and regulations can be found on UMC internal website, and online training and tests are conducted regularly. • With respect to the frequent rule changes of the Export Administration Regulations of the United States since 2020, and the new export control-related laws or regulations of China to counteract the changed Export Administration Regulations of the United States since 2021, LA&GC coordinates overall legal compliance in this regard. Additionally, the training materials for export control can be found on UMC internal website, and online training and tests have been conducted regularly. UMC conducted an online training and test for Export Administration Regulations in the third quarter of 2025. All employees of the Company (including DL colleagues) were the target of the training, and as a result, 13,944 employees completed the online training and test, corresponding to 98.11% of the targeted participants. • UMC has published the "UMC Anti-Corruption Statement" on UMC website and provided training materials for these laws and regulations on our internal website. Regular online training and testing for anti-corruption are also conducted. In the third quarter of 2025, UMC conducted online training and testing for Anti-Corruption and Anti-Bribery Laws and Regulations. All employees of the Company (excluding DL colleagues) were required to participate, and as a result, 9,756 employees completed the online training and test, representing 98.59% of the targeted participants. • In order to implement the prohibition of insider trading, the Company has established the "Insider Trading Prevention Policy and Handling Procedures"; in addition, in order to establish mechanism for processing and disclosing internal material information, so as to avoid improper leakage of information and to ensure the consistency and correctness of the information published by UMC, UMC has established the "Operational Procedures for Processing Internal Major Information"for corporate compliance. UMC regularly emphasizes the importance of relevant laws and regulations to insiders every month, and notifies insiders by e-mail on the last business day of each month that they are prohibited from buying and selling company stocks in the next two months, including the blackout period, which includes (1) beginning from the first day of each month and until 48 hours after announcement of revenue; (2) beginning from 15 days before the announcement of quarterly financial reports (including unaudited financial statements) and until 48 hours after the announcement; (3) beginning from 30 days before the announcement of annual financial reports (including unaudited financial statements) and until 48 hours after the announcement, "insiders" are not allowed to engage in any transactions in the Company's securities during the listed blackout period to prevent from unintentionally violating laws and regulations due to a lack of understanding. • In order to continuously strengthen employees' legal awareness of insider trading and trade secrets, and to promote the necessity of compliance, the Company regularly conducts online education and testing to prevent employees from unintentionally violating laws and regulations due to a lack of understanding. In the final quarter of 2025, the online training on "Securities and Exchange Act – Insider Trading" was held. The definition, constituent elements, and criminal liability for violations of insider trading were promoted to strengthen the concepts of insider trading and awareness of legal compliance. All employees of the company (excluding DL colleagues) were the target of the training, and as a result 9,579 employees completed the online training and test, corresponding to 96.44% of the targeted participants.
UMC Code of Conduct Implementation	• The content of the Codes is reviewed biennially: Review of the Employee Code of Conduct was completed in April 2025. • Major violations of employee ethics are reported to the Audit Committee on a quarterly basis. In 2025, no major ethical violations were reported. • Employee Code of Conduct education (including whistleblowing) and testing were conducted in August 2025, with 100% completion rate and a total of 7,063 hours. • Employee Code of Conduct training course (including whistleblowing) course for new employees: 500 participants and a total of 750 hours in 2024-2025.
UMC fair competition, intellectual property rights violations	• UMC has reported the litigation cases in each quarter of 2025 to the Audit Committee. • UMC respects the principles of fair competition. In addition to providing training materials for anti-trust laws and regulations on UMC internal website, regular online training and testing are also conducted. In the second quarter of 2025, UMC conducted online training and testing for fair competition. All employees of the Company (excluding DL colleagues) were the target of the training, and as a result, 9,606 employees completed the online training and test, corresponding to 97.78% of the targeted participants. • To prevent the risk of loss or infringement of intellectual property rights, UMC regularly holds courses related to trade secrets laws and regulations for senior executives of level one or above, which are taught by external experts in the field. In addition, the Company provides training materials on trade secret laws and regulations and copyright laws and regulations on our internal website, and conducts online tests regularly. UMC conducted the seminars, online training, and tests for trade secret laws in the final quarter of 2024. For the remaining managers and colleagues, a total of 8,242 people completed the online training and tests, corresponding to 100% of the targeted participants. • For intellectual property rights education, three weekly training courses are offered to new employees: Introduction to UMC Intellectual Property Rights, Trade Secret and Basic Legal and Risk Awareness on the Incoming Data. • Introduction to UMC Intellectual Property Rights training course for new employees: 360 participants and a total of 90 hours in 2024, and 494 participants and a total of 123.5 hours in 2025. • Trade Secret training course for new employees (this course has been separated from UMC Intellectual Property Rights as an individual course since December 2018): A total of 348 participants and a total of 76.92 hours in 2024, and 494 participants and a total of 79.04 hours in 2025. • Basic Legal and Risk Awareness on the Incoming Data training course for new employees: implemented since April 2018. A total of 360 participants and a total of 90 hours in 2024, and 494 participants and a total of 123.5 hours in 2025.
Financial reporting related internal control	• Annual audit by external auditors and internal Audit Division. • Results of internal audits for 2025 were reported at the Audit Committee/Board of Directors meetings on a quarterly basis.

Procedures for Handling Proprietary/Strictly Confidential Information

These procedures were established to create an effective system for the handling and disclosure of proprietary/strictly confidential information to prevent inappropriate disclosure, ensure the consistency and accuracy of all information publicly released by the Company and provide timely education for all directors, managers and employees to follow.
Please refer to the Company's website for related information: https://www.umc.com/en/Download/major_internal_policies.

Code of Ethics for Directors and Officers

Please refer to the website
https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/Code_of_Ethics.pdf.

Employee Code of Conduct

Please refer to the website
https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/Employee_Code_of_Conduct_e.pdf

UMC Ethical Corporate Management Best Practice Principles

Please refer to the website
https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/UMC_Ethical_Corporate_Management_Best_Practice_Principles_eng.pdf

Related Party Transaction Management Procedure

Please refer to the website
https://www.umc.com/upload/media/08_Investors/Corporate_Governance/Major_Internal_Policies/Related_Party_Transaction_Management_Procedures-e.pdf

Internal Control System Execution Status

Statement of Internal Control System

For the Company's 2025 Internal Control System Statement, please refer to the TWSE MOPS website:
https://mopsov.twse.com.tw/nas/cont06/c2303114021150304.pdf

If a Certified Public Accountant (CPA) was Engaged to Conduct a Special Audit of the Internal Control System, Provide its Audit Report:

According to "Regulations Governing Establishment of Internal Control Systems by Public Companies," the Company was not required to engage a certified public accountant (CPA) to conduct any special audit of the internal control system in 2025.

Major Resolutions and Implementation Status of the Shareholders' Meeting and the Board of Directors' Meetings

The Major Resolutions from the Shareholders' Meeting

The Company's 2025 Annual General Meeting was held at No. 16, Creation Rd. 1, Hsinchu Science Park (UMC's Fab8S Conference Hall) on May 28, 2025. The resolutions approved by the shareholders present in person or by proxy and its implementation status were as follows:

Items	Resolutions from the Annual General Meeting	Implementation Status
1.	Acceptance of the 2024 business report and financial statements.	• In 2024, UMC's sales revenue was NT$232,302,584 thousand, and full-year net income reached NT$47,210,930 thousand, leading to an earnings per share of NT$3.80.
2.	Acceptance of the 2024 earnings distribution Chart.	• Distribution of 2024 earnings with cash dividend of NT$ 35,787,597,878. • The ex-dividend record date was set for June 30, 2025, and cash dividend for common shares was paid on July 16, 2025.
3.	Approval of amendment of the Company's Article of Incorporation	• Implemented in accordance with resolution.

The Major Resolutions from the Board of Directors' Meeting

Meeting Date	Major Resolutions
2025.02.26	• Approved the 2024 Business Report and Financial Statements. • Approved the 2024 distributable compensation for employees and directors. • Approved the 2024 Earnings Distribution Chart. • Approved to change Certified Public Accountant due to the internal rotation of the CPA firm in accordance with regulations. • Approved the date of convening the 2025 Annual General Meeting, meeting agenda and submission period for shareholder proposals. • Approved capital budget execution. • Approved the Cancellation of Restricted Shares to Employees Stock Awards. • Approved the change of Chief internal auditor. • Approved UMC's donation to UMC Science and Culture Foundation.
2025.04.23	• Approved the Q1, 2025 Consolidated Financial Statements. • Approved capital budget execution. • Approved the Cancellation of Restricted Shares to Employees Stock Awards. • Approved the issuance of unsecured straight corporate bonds. • Approved to release the managerial officer from non-competition restrictions.
2025.06.04	• Approved the adjustment of 2024 cash dividend ratio. • Approved the record date for 2024 cash dividend. • Approved to release the managerial officer from non-competition restrictions.
2025.07.30	• Approved the Q2, 2025 Consolidated Financial Statements. • Approved capital budget execution. • Approved the Cancellation of Restricted Shares to Employees Stock Awards.
2025.10.29	• Approved the Q3, 2025 Consolidated Financial Statements. • Approved capital budget execution. • Approved the Cancellation of Restricted Shares to Employees Stock Awards.
2025.12.17	• Approved capital budget execution. • Approved to participate in the capital increase of Unimicron Technology Corp.
2026.02.25	• Approved the 2025 Business Report and Financial Statements. • Approved the 2025 distributable compensation for employees and directors. • Approved the 2025 Earnings Distribution Chart. • Approved the Cancellation of Restricted Shares to Employees Stock Awards. • Approved the issuance of Restricted Stock Awards. • Approved the date of convening the 2026 Annual General Meeting, meeting agenda and submission period for shareholder proposals. • Approved the Change of the Company's Executive Leadership. • Approved UMC's donation to UMC Science and Culture Foundation.

Major Issues of Record or Written Statements Made by Any Director Dissenting to Important Resolutions Passed by the Board of Directors during 2025 and as of the Annual Report Printing Date:

None.

Certification of Employees Whose Jobs Are Relate to the Release of the Company's Financial Information

Number of Employees

Certification Name	Audit	Finance and Accounting
Certified Public Accountants (CPA)	3	22
US Certified Public Accountants (US CPA)		7
Chinese Institute of Certified Public Accountants (CICPA)		1
Association of Chartered Certified Accountants Singapore (ACCA Singapore)		1
Chartered Accountant of Malaysia (CA Malaysia)		1
The Association of Chartered Certified Accountants (ACCA)		2
Certified Internal Auditor (CIA)	2	4

Information of Certified Public Accountant (CPA) Fees

The Amount of Audit and Non-audit Fees Paid to the CPA, CPA Firm and Its Affiliates, and the Content of Non-audit Service

In Thousand NT$

Name of CPA Firm	Name of CPA	CPA Audit Period	Audit Fees	Non-audit Fees	Total	Remarks
Ernst & Young, Taiwan	Yu-Ni Yang, Chien-Ju Yu	2025.01.01~ 2025.12.31	80,782	6,481	87,263	

Note: Non-audit fees includes fees paid for tax compliance audit, agree upon procedure, etc.

If the CPA Firm Was Changed, and the Audit Fees Paid in the Year of Change Was Reduced Compared with the Previous Year, the Amount of the Audit Fees Before and After the Change and the Reasons for The Change Shall Be Disclosed

None.

If the Audit Fees Has Decreased by More than 10% Compared with the Previous Year, the Amount, Proportion and Reasons for the Decrease in Audit Fees Shall Be Disclosed

None.

Information on Replacement of CPAs

1.Information Regarding the Predecessor CPAs

Date of replacement	2025.02.26			
Reason for replacement and explanation	Because of the internal rotation of the CPA firm in accordance with regulations, CPA Yu-Ni Yang and CPA Hsin-Min Hsu were replaced by CPA Yu-Ni Yang and CPA Chien-Ju Yu.			
Describe whether the Company or the CPAs decided to terminate or discontinue the engagement	Parties		CPAs	The Company
	Circumstances	Terminated the engagement	Not applicable	Not applicable
		No longer accepting (continuing) the engagement	Not applicable	Not applicable
If the CPAs issued an audit report expressing any opinion other than an unqualified opinion during the 2 most recent years, specify the opinion and the reasons	None			
Disagreement with the Company?	Yes	☐ Accounting principles or practices		
		☐ Disclosures of the financial report		
		☐ Audit scope or procedures		
		☐ Other		
	No	☑		
	Specify details			
Other disclosures (Any matters required to be disclosed under sub-items d to g of Article 10.5.A)	None			

2.Information Regarding the Successor CPAs

Name of accounting firm	Ernst & Young, Taiwan
Name of CPAs	Yu-Ni Yang and Chien-Ju Yu
Date of engagement	2025.02.26
Subjects discussed and results of any consultation with the CPAs prior to the engagement, regarding the accounting treatment of or application of accounting principles to any specified transaction, or the type of audit opinion that might be issued on the company's financial report	None
Successor CPAs' written opinion regarding the matters of disagreement between the Company and the predecessor CPAs	None

3.The reply letter from the predecessor CPA regarding the Company's disclosures regarding the matters under Article 10.5.A and 10.5.B(c) of the Regulations.
None.

UMC's Chairman, Presidents, Chief Financial Officer, and Managers in Charge of Its Finance and Accounting Operations Did Not Hold Any Positions in UMC's Independent Auditing Firm or Its Affiliates in the Most Recent Year.

Change in Shareholding of Directors, Managers and Major Shareholders Who Own 10% or More of UMC Shares

Unit: Shares

Title	Name	2026		2025	
		Holding Increase (Decrease)	Pledged Holding Increase (Decrease)	Holding Increase (Decrease)	Pledged Holding Increase (Decrease)
Chairman & Chief Strategic Officer	Stan Hung	0	0	240,240	0
Director	Hsun Chieh Investment Co., Ltd.	0	0	0	0
Director	Silicon Integrated Systems Corp.	0	0	0	0
Independent Director	Lih J. Chen	0	0	0	0
Independent Director	Jyuo-Min Shyu	0	0	0	0
Independent Director	Kuang Si Shiu	0	0	0	0
Independent Director	Wen-Hsin Hsu	0	0	0	0
Independent Director	Ling-Ling Wu	0	0	0	0
Independent Director	Su Lin Wang	101,000	0	0	0
Chief Executive Officer	Jason Wang	0	0	240,240	0
President & Chief Operating Officer	Ming Hsu	0	0	(909,880)	0
Senior Vice President	TS Wu	0	0	(660,700)	0
Senior Vice President	G C Hung	0	0	(400,700)	0
Senior Vice President	Oliver Chang	0	0	(986,600)	0
Senior Vice President & Chief Financial Officer	Chitung Liu	0	0	(107,600)	0
Vice President	JT Lin	0	0	36,960	0
Vice President	Victor Chuang	0	0	36,960	0
Vice President	Chuck Chen	0	0	36,960	0
Vice President	S F Tzou	0	0	(591,920)	0
Vice President	Osbert Cheng	0	0	(161,920)	0
Vice President	Steven Hsu	0	0	38,080	0
Vice President	Jerry CJ Hu	0	0	(630,920)	0
Vice President	Y S Shen	0	0	(861,920)	0
Vice President	Steven S Liu	0	0	(891,920)	(884,000)
Vice President	Francia Hsu	0	0	(771,920)	0
Vice President	Mindy Lin	0	0	(115,920)	0
Vice President	Linwu Kuo	0	0	58,080	0
Vice President & Chief Human Resources Officer	Eric Chen	0	0	(151,920)	0
Vice President & General Counsel	Olivia Liao	0	0	31,680	0

Note 1: No shareholder owns 10% or more of UMC shares.
Note 2: Managers are those who currently serve in their respective positions on the printing date of the Annual Report.
Note 3: The data shown for 2026 is for the period January 1 to January 31, 2026.
Note 4: Counterparts of the shareholding transferred or pledged are not related parties.
Note 5: The shareholding changes for Victor Chuang and Chuck Chen are calculated starting from the assumed date.
Note 6: The Holding Increase (Decrease) data consists of shares under Trust with Discretion Reserved.

Relationship Among the Top Ten Shareholders

Name	Shares Held		Shares Held by Spouse or Children of Minor Age		Total Shares Held in the Name of Other Persons		Relationship Between the Company's Top 10 Shareholders Who Are Either Related Parties, Spouses, or Relatives Within the Second Degree of Kinship, His/Her/Its Title (or Name) and Relationship		Remarks
	Shares	%	Shares	%	Shares	%	Title (or Name)	Relationships	
Capital Tip Customized Taiwan Select High Dividend ETF	812,022,000	6.47	N/A	N/A	N/A	N/A	None	None	
Cathay Sustainability High Dividend ETF	670,230,000	5.34	N/A	N/A	N/A	N/A	None	None	
Hsun Chieh Investment Co., Ltd.	441,371,000	3.52	N/A	N/A	N/A	N/A	None	None	Director of the Company
Representative: Chun Kuan	93,998	0.00	0	0	0	0	None	None	
JPMorgan Chase Bank, N.A. acting in its capacity as depositary and representative to the holders of ADRs	406,597,085	3.24	N/A	N/A	N/A	N/A	None	None	
Yuanta/P-shares Taiwan Dividend Plus ETF	344,300,246	2.74	N/A	N/A	N/A	N/A	None	None	
Fuh Hwa Taiwan Technology Dividend Highlight ETF	337,346,000	2.69	N/A	N/A	N/A	N/A	None	None	
Silicon Integrated Systems Corp.	266,580,424	2.12	N/A	N/A	N/A	N/A	None	None	Director of the Company
Representative: Stan Hung	59,486,252	0.47	1,269,435	0.01	0	0	None	None	Chairman of the Company
Taiwan Life Insurance Co., Ltd.	218,989,000	1.74	N/A	N/A	N/A	N/A	None	None	
Representative: Shu Po Hsu	Data unavailable								
Yann Yuan Investment Co., Ltd.	192,963,000	1.54	N/A	N/A	N/A	N/A	None	None	
Representative: Chun Kuan	93,998	0.00	0	0	0	0	None	None	
New Labor Pension Fund	186,131,942	1.48	N/A	N/A	N/A	N/A	None	None	

Note: The data shown above was recorded on June 30, 2025, which was the record date for the distribution of 2025 cash dividend.

Shares Held by the Company, Directors, Managers and Companies Directly or Indirectly Controlled by the Company, and the Comprehensive Shareholding Ratio Based on Combined Calculation

Investee Companies	UMC		Shares Held by Directors, Managers and Companies Directly or Indirectly Controlled by the Company		Comprehensive Shareholding	
	Number of Shares	Percentage of Ownership (%)	Number of Shares	Percentage of Ownership (%)	Number of Shares	Percentage of Ownership (%)
UMC Group (USA)	16,437,500	100.00	0	0	16,437,500	100.00
United Microelectronics (Europe) B.V.	9,000	100.00	0	0	9,000	100.00
UMC Capital Corp.	93,662,977	100.00	0	0	93,662,977	100.00
TLC Capital Co., Ltd.	473,530,447	100.00	0	0	473,530,447	100.00
Green Earth Limited	1,549,000,000	100.00	0	0	1,549,000,000	100.00
Fortune Venture Capital Corp.	585,462,448	100.00	0	0	585,462,448	100.00
UMC Investment (Samoa) Limited	1,520,000	100.00	0	0	1,520,000	100.00
MTIC Holdings Pte. Ltd.	12,000,000	45.44	0	0	12,000,000	45.44
Unitech Capital Inc.	21,000,000	42.00	4,500,000	9.00	25,500,000	51.00
Hsun Chieh Investment Co., Ltd.	1,098,863,433	36.49	0	0	1,098,863,433	36.49
Best Elite International Limited	664,966,275	100.00	0	0	664,966,275	100.00
Wavetek Microelectronics Corporation	148,112,434	78.49	3,391,760	1.80	151,504,194	80.29
UMC Korea Co., Ltd.	110,000	100.00	0	0	110,000	100.00
Omni Global Limited	4,300,000	100.00	0	0	4,300,000	100.00
Faraday Technology Corporation	35,962,705	13.80	18,308	0.01	35,981,013	13.81
Yann Yuan Investment Co., Ltd.	234,600,000	26.78	20,400,000	2.33	255,000,000	29.11
Sino Paragon Limited	2,600,000	100.00	0	0	2,600,000	100.00
Triknight Capital Corporation	131,534,400	40.00	0	0	131,534,400	40.00
United Semiconductor Japan Co., Ltd.	116,246,616	100.00	0	0	116,246,616	100.00
Unimicron Technology Corp.	198,878,046	13.01	4,567,119	0.30	203,445,165	13.31
Silicon Integrated Systems Corp.	92,647,863	17.99	11,881,545	2.31	104,529,408	20.30

Note 1: The investee companies are the investees under the equity method and funds.

Note 2: The number of shares is based on the actual number of shares held on December 31, 2025.

Capital Overview

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Capital and Shares

Source of Capital

Month/Year	Issue Price (Per Share)	Authorized Capital		Paid-in Capital			Remarks	
		Shares (In Thousand)	Amount (In Thousand NT$)	Shares (In Thousand)	Amount (In Thousand NT$)	Source of Capital	Capital Increased by Assets Other than Cash	Other
March, 2025	NT$10	26,000,000	260,000,000	12,558,359	125,583,590	Note 1	None	None
May, 2025	NT$10	26,000,000	260,000,000	12,556,508	125,565,077	Note 2	None	None
August, 2025	NT$10	26,000,000	260,000,000	12,556,327	125,563,274	Note 3	None	None
November, 2025	NT$10	26,000,000	260,000,000	12,555,278	125,552,783	Note 4	None	None
December, 2025	NT$10	26,000,000	260,000,000	12,588,156	125,881,563	Note 5	None	None

Note 1: On March 7, 2025, the Hsinchu Science Park Bureau, National Science and Technology Council approved the capital reduction of NT$23,574 thousand due to cancellation of the RSA. The Company's paid-in capital was decreased to NT$125,583,590 thousand.

Note 2: On May 7, 2025, the Hsinchu Science Park Bureau, National Science and Technology Council approved the capital reduction of NT$18,513 thousand due to cancel lation of the RSA. The Company's paid-in capital was decreased to NT$125,565,077 thousand.

Note 3: On August 5, 2025, the Hsinchu Science Park Bureau, National Science and Technology Council approved the capital reduction of NT$1,803 thousand due to cancellation of the RSA. The Company's paid-in capital was decreased to NT$125,563,274 thousand.

Note 4: On November 10, 2025, the Hsinchu Science Park Bureau, National Science and Technology Council approved the capital reduction of NT$10,491 thousand due to cancellation of the RSA. The Company's paid-in capital was decreased to NT$125,552,783 thousand.

Note 5: On December 17, 2025, the Hsinchu Science Park Bureau, National Science and Technology Council approved the capital increase of NT$328,780 thousand due to issuance of new RSA for employees. The Company's paid-in capital was increased to NT$125,881,563 thousand.

Note 6: The data shown above was gathered until February 25, 2026.

Type of Stock

Unit: Shares

Share Type	Authorized Capital			Allotment for Stock Option Certificate (Units)
	Issued Shares(Note 1)	Un-Issued Shares	Total Shares	
Common Stock	12,588,156,344	13,411,843,656	26,000,000,000	2,000,000,000

Note 1: The Company's issued shares are listed stock.

Note 2: The data shown above was gathered until February 25,2026.

Information for Shelf Registration

Not Applicable.

Capital and Shares (Continue)

List of Major Shareholders

Shareholder's Name	Shareholding	
	Shares	Percentage (%)
Capital TIP Customized Taiwan Select High Dividend ETF	812,022,000	6.47
Cathay Sustainability High Dividend ETF	670,230,000	5.34
Hsun Chieh Investment Co., Ltd.	441,371,000	3.52
JPMorgan Chase Bank, N.A. acting in its capacity as depositary and representative to the holders of ADRs	406,597,085	3.24
Yuanta/P-shares Taiwan Dividend Plus ETF	344,300,246	2.74
Fuh Hwa Taiwan Technology Dividend Highlight ETF	337,346,000	2.69
Silicon Integrated Systems Corp.	266,580,424	2.12
Taiwan Life Insurance Co, Ltd	218,989,000	1.74
Yann Yuan Investment Co., Ltd.	192,963,000	1.54
New Labor Pension Fund	186,131,942	1.48

Note: The data shown above was recorded on June 30, 2025, which was the record date for the distribution of 2025 cash dividend.

Dividend Policy and Status

1. Dividend Policy in the Company's Articles of Incorporation
According to the Company's Articles of Incorporation, current year's earning, if any, shall be distributed in the following order:
(1)Payment of taxes.
(2)Making up for loss in preceding years.
(3)Setting aside 10% for legal reserve, except for when accumulated legal reserve has reached the Company's paid-in capital.
(4)Appropriating or reversing special reserve by government officials or other regulations.
(5)The remaining, in addition to the previous year's unappropriated earnings, shall be distributed according to the distribution plan proposed by the Board of Directors according to the dividend policy and submitted to the shareholders' meeting for approval.
The dividend policy of the Company shall be determined pursuant to factors such as the investment environment, its funding requirements, domestic and overseas competitive landscape and its capital expenditure forecast, as well as shareholders' interest, balancing dividends and UMC's long-term financial planning. The Board of Directors shall propose the distribution plan and submit it to the shareholders' meeting every year. The distribution of shareholders' dividend shall be allocated as cash dividend in the range of 20% to 100%, and stock dividend in the range of 0% to 80%.

2. The Company's operating status, funding requirements, capital expenditure forecast, changes in the overall internal and external environment, as well as shareholders' interest shall be taken into account to determine the Company's dividend policy; distribution of dividend is determined by the Board of Directors, and cash distributed to shareholders (i.e. cash dividend distributed from earnings and cash distributed from capital surplus) shall not be lower than 50% of the net increase in the Company's distributable earnings for the year, except in extraordinary situations.

Proposed Distribution of Dividend
The Company's proposal for 2025 earnings distribution was passed during the 12th board meeting of the 16th term. This proposal, a cash dividend of NT$32,704,164,009 from retained earnings (NT$2.60 per share), will be discussed at the Annual General Meeting.

Effect of Share Dividends to Operating Performance and EPS

Not applicable.

Employees' and Directors' Compensation

Related Information of Employees' and Directors' Compensation in the Company's Articles of Incorporation
Employees' and Directors' Compensation Policy in the Company's Articles of Incorporation is as follows:
The Company shall allocate no less than 5% of profit as employees' compensation and no more than 0.2% of profit as directors' compensation for each profitable fiscal year after offsetting any cumulative losses; no less than 30% of the aforementioned profit as employees' compensation should be allocated to entry-level employees.
The aforementioned employees' compensation will be distributed in shares or cash. The employees of the Company's subsidiaries who fulfill specific requirements stipulated by the Board of Directors may be granted such compensation. Directors may only receive compensation in cash.
The Company may, by a resolution adopted by a majority vote at a meeting of the Board of Directors attended by two-thirds of the total number of directors, distribute the aforementioned employees' and directors' compensation and report to the shareholders' meeting for such distribution.

The Basis for Estimating the Amount of Employees and Directors' Compensation, the Basis for Calculating the Number of Shares to Be Distributed as Employees' Compensation, and the Accounting Treatment of the Discrepancy Between the Actual Distributed and the Estimated Amount
The Company recognizes the employees and directors' compensation in the profit or loss with corresponding other payables during the periods when earned. The Board of Directors estimates the amount by taking into consideration the Articles of Incorporation, government regulations and industry averages. If the Board of Directors resolves to distribute employee compensation through stock, the number of stock distributed is calculated based on total employee compensation divided by the closing price of the day before the Board of Directors' meeting. If the Board of Directors subsequently modifies the estimates significantly, the Company will recognize the change as an adjustment in the profit or loss in the subsequent period. Information relevant to the aforementioned employees and directors' compensation can be obtained from the "Market Observation Post System" on the website of the TWSE.

The Distributable Compensation for Employees and Directors Passed During the Board Meeting
The Company's 2025 distributable compensation for employees and directors was passed during the 12th board meeting of the 16th term. The distribution status is as follows:
The Company is to distribute NT$3,438,287,144 as employee cash compensation and NT$45,000,000 as directors' compensation.
There is no difference between the amount passed during the Board meeting and the recognized amount during 2025 of the aforementioned employees' and directors' compensation.

The Amount of Employees' Compensation Distributed in Stocks, and Such Amount as a Percentage of the Sum of Net Income Stated in the Parent Company Only Financial Reports and Total Employees' Compensation:
None.

Distribution of Employees and Directors' Compensation for 2024:

In Thousand NT$

Item	Board Resolution(February 26, 2025)
Employees' compensation distributed in cash	4,509,603
Directors' compensation	45,000

Note: The actual distribution of employees and directors' compensation for 2024 was consistent with the resolutions of the Board of Directors' meeting held on February 26, 2025.

Buyback of Treasury Stock

(1) Completed Share Buyback Program: None.

(2) Uncompleted Share Buyback Program: None.

Issuance of Corporate Bonds

Name of Bond	United Microelectronics Corporation 1st Unsecured Straight Corporate Bond Issuance in 2021
Issue date	April 22, 2021
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$9,600 million; 5-year bond for NT$5,500 million and 7-year bond for NT$2,000 million and 10-year bond for NT$2,100 million (Note)
Coupon rate	Fixed rate, 0.57% p.a., 0.63% p.a. and 0.68% p.a. for 5-year, 7-year and 10-year bonds respectively
Tenor and maturity date	5-year bond: April 22, 2026 7-year bond: April 22, 2028 10-year bond: April 22, 2031
Guarantor	None
Trustee	CTBC Bank Co., Ltd.
Underwriter	Yuanta Securities Co., Ltd. as the lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 5-year, 7-year, and 10-year bonds will be repaid respectively in April 2026, April 2028, and April 2031 upon maturity. Interest will be paid annually for both 5-year, 7-year, and 10-year bonds.
Outstanding amount	NT$9,600 million
Redemption clause	None
Restrictive clause	None
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Note: NT$2,100 million for the 10-year bond is green bond. Please refer to the Sustainable Bond Market section on the Taipei Exchange website (https://www.tpex.org.tw/web/bond/sustainability/index.php?l=zh-tw) for the details of proceeds and impacts.

Name of Bond	United Microelectronics Corporation 2nd Unsecured Straight Corporate Bond Issuance in 2021
Issue date	December 17, 2021
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$5,000 million
Coupon rate	Fixed rate; 0.63% p.a.
Tenor and maturity date	December 17, 2026
Guarantor	None
Trustee	CTBC Bank Co., Ltd.
Underwriter	MasterLink Securities Corp. as a lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 5-year bond will be repaid in December 2026. Interest will be paid annually.
Outstanding amount	NT$5,000 million
Redemption clause	None
Restrictive clause	None

Issuance of Corporate Bonds (Continue)

Name of Bond	United Microelectronics Corporation 2nd Unsecured Straight Corporate Bond Issuance in 2021
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Name of Bond	United Microelectronics Corporation 1st Unsecured Straight Corporate Bond Issuance in 2023
Issue date	September 15, 2023
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$10,000 million (Note)
Coupon rate	Fixed rate; 1.62% p.a.
Tenor and maturity date	September 15, 2028
Guarantor	None
Trustee	CTBC Bank Co., Ltd.
Underwriter	MasterLink Securities Corp. as a lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 5-year bond will be repaid in September 2028. Interest will be paid annually.
Outstanding amount	NT$10,000 million
Redemption clause	None
Restrictive clause	None
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Note: NT$10,000 million for the 5-year bond is green bond. Please refer to the Sustainable Bond Market section on the Taipei Exchange website (https://www.tpex.org.tw/web/bond/sustainability/index.php?l=zh-tw) for the details of proceeds and impacts.

Issuance of Corporate Bonds (Continue)

Name of Bond	United Microelectronics Corporation 1st Unsecured Straight Corporate Bond Issuance in 2025
Issue date	June 27, 2025
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$5,200 million; 5-year bond for NT$2,000 million and 5-year bond for NT$3,200 million (Note)
Coupon rate	Fixed rate, 1.94% p.a. for NT$2,000 million and 1.99% p.a. for NT$3,200 million.
Tenor and maturity date	June 27, 2030
Guarantor	None
Trustee	CTBC Bank Co., Ltd
Underwriter	MasterLink Securities Corp. as a lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 5-year bond will be repaid in June 2030. Interest will be paid annually.
Outstanding amount	NT$5,200 million
Redemption clause	None
Restrictive clause	None
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Note: NT$2,000 million for the 5-year bond is green bond. Please refer to the Sustainable Bond Market section on the Taipei Exchange website (https://www.tpex.org.tw/web/bond/sustainability/index.php?l=zh-tw) for the details of proceeds and impacts.

Name of Bond	United Microelectronics Corporation 2nd Unsecured Straight Corporate Bond Issuance in 2025
Issue date	August 22, 2025
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$5,000 million
Coupon rate	Fixed rate; 1.80% p.a.
Tenor and maturity date	August 22, 2028
Guarantor	None
Trustee	CTBC Bank Co., Ltd
Underwriter	Yuanta Securities Co., Ltd as the lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 3-year bond will be repaid in August 2028. Interest will be paid annually.
Outstanding amount	NT$5,000 million
Redemption clause	None
Restrictive clause	None
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Issuance of Corporate Bonds (Continue)

Name of Bond	United Microelectronics Corporation 3rd Unsecured Straight Corporate Bond Issuance in 2025
Issue date	October 31, 2025
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$5,000 million
Coupon rate	Fixed rate; 1.70% p.a.
Tenor and maturity date	October 31, 2028
Guarantor	None
Trustee	CTBC Bank Co., Ltd
Underwriter	Yuanta Securities Co., Ltd as the lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 3-year bond will be repaid in August 2028. Interest will be paid annually.
Outstanding amount	NT$5,000 million
Redemption clause	None
Restrictive clause	None
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Name of Bond	United Microelectronics Corporation 4th Unsecured Straight Corporate Bond Issuance in 2025
Issue date	December 5, 2025
Denomination	NT$1 million
Listing and trading	Taipei Exchange
Issue price	NT$1 million
Total amount	NT$4,800 million; 5-year bond for NT$2,300 million and 5-year bond for NT$2,500 million
Coupon rate	Fixed rate, 1.55% p.a., and 1.60% p.a. for 3-year and 5-year bond respectively
Tenor and maturity date	3-year bond: December 5, 2028 5-year bond: December 5, 2030
Guarantor	None
Trustee	CTBC Bank Co., Ltd
Underwriter	MasterLink Securities Corp. as a lead underwriter
Legal counsel	Chen & Lin Attorneys-at-Law
Independent auditor	Ernst & Young, Taiwan
Repayment	The principal of 3-year, and 5-year bonds will be repaid respectively in December 2028, and December 2030 upon maturity. Interest will be paid annually for both 3-year, and 5-year bonds.
Outstanding amount	NT$4,800 million
Redemption clause	None
Restrictive clause	None
Name of credit rating agency, rating date and result of rating	Not applicable
Other rights of bondholders	None
Dilution effect or other adverse impact on existing shareholders' equity, if conversion, exchange, or subscription rights are attached	None
Custodian	None

Issuance of Corporate Bonds (Continue)

Type	Currency Linked Zero Coupon Exchangeable Bonds due 2026
Issue date	July 7, 2021
Face amount	US$200,000
Listing exchange	Singapore Exchange Securities Trading Limited
Issue amount	US$200,000
Issue size	US$400,000,000
Coupon rate	0%
Maturity	5 years; July 7, 2026
Guarantor	-
Trustee	Citicorp International Limited
Underwriter	Citi Global Markets Limited, Nomura International (Hong Kong) Ltd.
Legal counsel	Chen & Lin Attorneys-at-law
Auditor	Ernst & Young, Taiwan
Redemption	Unless previously redeemed, exchanged, or repurchased and cancelled, the Bonds will be redeemed by the Company on the Maturity Date at an amount equal to the principal amount of the Bonds plus a gross yield at the rate of -0.625% per annum, calculated on a semi-annual basis (the "Redemption Amount"). The Redemption Amount will be converted into NT$based on the Fixed Exchange Rate, and this fixed NT$amount will then be converted using the prevailing exchange rate for payment in US$.
Principal payable	US$212,900,000
Redemption or early redemption clause	(a) Each Bondholder shall have the right to require the Company to redeem the Bonds, in whole or in part, on the third anniversary from the Issue Date at an amount equal to the principal amount of the Bonds plus a gross yield of -0.625% per annum, calculated on a semi-annual basis (the "Put Price"). (b) In the event that the common shares of Novatek cease to be listed or are suspended from trading for a period equal to or exceeding 30 consecutive trading days on the Taiwan Stock Exchange, each Bondholder shall have the right to require the Company to redeem the Bonds, in whole but not in part, at an amount equal to the principal amount of the Bonds plus a gross yield of -0.625% per annum, calculated on a semi-annual basis (the "Early Redemption Amount"). (c) Upon the occurrence of a Change of Control (as defined in the Indenture) of the Company, each Bondholder shall have the right to require the Company to redeem the Bonds, in whole but not in part, at the Early Redemption Amount. (d) Each Bondholder shall exercise the redemption right and the Company shall handle such redemption in accordance with the procedure provided in the Indenture. The payment of the Put Price and the Early Redemption Amount will be made by the Company in cash on the payment date designated by the Company pursuant to the Indenture. (e) The Company may, at its option, redeem the bonds, in whole or in part at the Early Redemption Amount at any time after the third anniversary from the Issue Date and prior to the Maturity Date, if the closing price of the common shares of Novatek on the Taiwan Stock Exchange, converted into U.S. dollars at the prevailing exchange rate, for 20 out of 30 consecutive trading days prior to the publication of the redemption notice is at least 130% of the quotient of the Early Redemption Amount multiplied by then Exchange Price (converted into U.S. dollars at the Fixed Exchange Rate), divided by the principal amount of the Bonds. (f) The Company may, at its option, redeem the outstanding bonds in whole, but not in part, at the Early Redemption Amount, in the event that over 90% of the bonds has been previously redeemed, repurchased and cancelled or exchanged. (g) In the event of any change in ROC taxation resulting in increase of tax obligation or the necessity to pay additional interest expense or increase of additional costs of the Company, the Company may, at its option, redeem the outstanding Bonds in whole, but not in part, at the Early Redemption Amount. Bondholders may elect not to have their bonds redeemed but with no entitlement to any additional amounts or reimbursement of additional taxes. The Put Price/Early Redemption Amount will be converted into NT$based on the Fixed Exchange Rate, and this fixed NT$amount will then be converted using the prevailing rate for payment in US$.

Issuance of Corporate Bonds (Continue)

Covenant		-
Name of rating company, date and result of rating		-
Other obligation	Balance of amount converted to (exchangeable or warrant) shares, ADSs, or other types of securities as of the Annual Report Printing Date	-
	Policy of issuing or converting (exchangeable or warrant)	The bondholders may from October 8, 2021 to June 27, 2026 exchange the bonds into common shares of Novatek as a substitute for the issuer's cash redemption. In addition, the bondholders will not be able to effect exchange into common shares of Novatek during any closed period.
Effect on the current shareholders due to dilution		The underlying exchange for the bond are common shares of Novatek. There won't be any material adverse effect on issuer's shareholders.
Name of custodian		Citibank, N.A., London Branch

Exchangeable Bonds Information

Type		Currency Linked Zero Coupon Exchangeable Bonds Due 2026						
Year/Item		2026 (Note)	2025	2024	2023	2022	2021	2021.07.07 (Issue Date)
Amount of Reference Shares the Company Holds (Shares)		16,444,587	16,444,587	16,444,587	16,444,587	16,444,587	16,444,587	16,444,587
Exchangeable Price		NT$479.8	NT$479.8	NT$506.0	NT$533.8	NT$583.3	NT$709.2	NT$731.25
Market Price	High	US$88.033	US$107.905	US$105.550	US$98.419	US$103.801	US$103.799	-
	Low	US$84.358	US$84.650	US$90.277	US$85.588	US$82.163	US$98.660	-
	Average	US$85.932	US$94.436	US$97.511	US$89.097	US$92.196	US$101.314	-
Issue Date		July 7, 2021						
Reference Shares		Common shares of Novatek						

Note: The data shown for 2026 is for the period January 1 to February 25, 2026.

Euro Convertible Bonds Information

None.

Shelf Registration for Issuing Bonds

None.

Corporate Bonds with Warrants

None.

Preferred Shares

None.

American Depositary Receipts

Issue Date	2008.09.19	2007.10.09	2006.11.06	2006.09.01	2005.09.01	2005.01.20	2004.11.16
Listing Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange
Issue Amount	Stock dividend	Capital Reduction	US$108.2 million	Stock dividend	Stock dividend	US$84.2 million	US$76.3 million
Listing Price/Unit	-	-	US$3.05	-	-	US$3.33	US$3.47
Issue Units	9,885,719	-95,425,183	35,456,000	2,831,465	25,833,137	25,290,000	22,000,000
Underlying Representing Shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares
Number of Equivalent Local Shares per ADS	5 shares	5 shares	5 shares	5 shares	5 shares	5 shares	5 shares
Rights and Obligations of ADS Holders	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder
Trustee	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Depositary Bank	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.
Custodian Bank	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch
Outstanding Balance (Units)	The total outstanding balance is 145,746,816 units.						
Issuing Expenses and Maintenance Fees	Except for IPO and dividends, the issuing expense will be borne by the selling shareholders. The maintenance fees will be borne by the Company.						
Important Terms and Conditions of Depositary Agreement and Custodian Agreement	-	-	-	-	-	-	-

Note 1: The data shown above is current as of February 25, 2026.

Note 2: On October 21, 2009, the Depositary bank was changed to JPMorgan Chase Bank, N.A., and the custodian bank was changed to JPMorgan Chase Bank, N.A. Taipei Branch.

American Depositary Receipts (Continue)

2004.08.19	2004.01.02	2003.12.23	2003.08.15	2002.09.09	2002.03.19	2001.08.17	2000.09.19
New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange	New York Stock Exchange
Stock dividend	US$13.8 million	US$24.4 million	Stock dividend	Stock dividend	US$439.7 million	Stock dividend	US$1,291.5 million
-	US$4.92	US$4.75	-	-	US$9.25	-	US$14.35
15,088,684	2,804,000	5,146,000	6,965,107	22,655,667	47,537,780	13,500,000	90,000,000
UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares	UMC common shares
5 shares	5 shares	5 shares	5 shares	5 shares	5 shares	5 shares	5 shares
Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder	Same as the common shareholder
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.	Citibank, N.A.
Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch	Citibank, N.A. Taipei Branch
-	-	-	-	-	-	-	-

American Depositary Receipt Trading Data

Closing Price per Share (US$)	2026 (Note)			2025		
	High	Low	Average	High	Low	Average
	12.48	7.77	9.93	8.32	5.69	7.13

Note: The data shown for 2026 is for the period January 1 to February 25, 2026.

Employee Stock Options Handling Status

The status of employee stock option certificates that have not yet reached the expiration date and their impact on shareholder rights.

None.

Issuance of Restricted Stock Awards for Employees

Type of New Restricted Employee Shares	1st Tranche of Year 2022	2nd Tranche of Year 2022
Date of Effective Registration and Total Shares	2022.10.06 50,000,000 shares	
Issue Date	2022.12.05	2023.12.05
Number of New Restricted Employee Shares Issued	23,059,500 shares	26,727,500 shares
New Restricted Employee Shares Not Yet to Be Issued	0 shares	
Issued Price (NT$)	The current issue is gratuitous	
New Restricted Employee Shares as a Percentage of Shares Issued	0.18%	0.21%
Vesting Conditions of New Restricted Employee Shares	1. If an employee, after having been granted a restricted stock award, remains on the job on the vesting date, is determined by the Company as having not violated the employment contract, employee code of conduct, trust agreement, corporate governance best practice principles, ethical corporate management best practice principles, work handbook or non-compete and non-disclosure agreement of the Company or any agreement with the Company, and has fulfilled the personal performance indicators and operational goals set by the Company, the proportions of the vesting shares to be granted for such employee on the vesting date each year is as follows: 1-1.On the job for 2 years after granting: 33% 1-2.On the job for 3 years after granting: 33% 1-3.On the job for 4 years after granting: 34% 2. Personal performance indicator(s): A performance rating of A or higher for the most recent fiscal year prior to the end of each vesting period. 3. The operational goals of the Company use the return on equity % (ROE%), earnings per share (EPS) and Morgan Stanley Capital International (MSCI) ESG ratings as performance indicators. Listed below are the performance targets and weighting for the indicators. Targets are set for each indicator. Indicators that have achieved the target value, the number of vested shares in the year is calculated according to the corresponding weighting, otherwise, the corresponding weighting is 0%. The performance period refers to the fiscal year of the most recent annual financial statement audited by a certified public accountant before the vesting date. Performance indicators are based on the consolidated financial statements audited by a certified public accountant corresponding to the period required by the indicators.	
Restricted Rights of New Restricted Employee Shares	1. Before any employee who has been granted restricted stock award shares fulfills the vesting conditions, except for the case of inheritance, the restricted stock award shares may not be sold, pledged, transferred, gifted to others, created any encumbrance, or otherwise disposed of. 2. Before any employee who has been granted restricted stock award shares fulfills the vesting conditions, his/her rights to attendance, proposal, statement, voting and election at the Shareholders' Meeting shall be the same as those of the outstanding common shares of the Company, and shall be exercised according to a custodial trust agreement.	

Indicator	Weighting	Target
Return on Equity (ROE%)	30%	Higher than the Company's average of the previous three years (Note 1)
Earnings Per Share (EPS)	30%	Higher than the Company's average of the previous three years (Note 1)
Morgan Stanley Capital International (MSCI) ESG Rating	40%	Rating is A or greater (Note 2)

Note 1: Comparing the performance period with the average of the preceding three years.
Note 2: The year of MSCI annual ESG rating is consistent with the performance period defined in the return on equity and earnings per share.

Issuance of Restricted Stock Awards for Employees (Continue)

Type of New Restricted Employee Shares	1st Tranche of Year 2022	2nd Tranche of Year 2022
	3. Where any employee has been granted restricted stock award shares pursuant to these Regulations, his/her other rights prior to fulfillment of the vesting conditions include, but are not limited to: the right to distribution of cash dividends, stock dividends, legal reserves and capital reserves, and employee stock option at cash capital increase. Such rights shall be the same as those of the outstanding common shares of the Company, and shall be exercised according to a custodial trust agreement. 4. During the period from the book closure date for stock dividends granted by the Company, the book closure date for cash dividends, the book closure date for shares purchased from a cash capital increase, the book closure period of the Shareholders' Meeting as specified by Article 165, Paragraph 3 of the Company Act or any other statutory book closure date occurring based on the fact of the record date for distribution of rights, the time and process for lifting restrictions on the vested shares of any employee who has fulfilled the vesting conditions shall be subject to a custodial trust agreement or the applicable laws and regulations	
Custody Status of New Restricted Employee Shares	Placed under custodial trust	
Measures to be Taken When Vesting Conditions are not Meet	1. Where an employee who has been granted restricted stock award shares is not on the job on the vesting date, has committed an act of gross negligence by violating any of the agreements under Article III, Paragraph (III), Sub-paragraph 1 of "2020 Regulations Governing the Issuance of Restricted Stock Awards for Employees," or has failed to fulfill the personal performance indicators and operational goals set by the Company, the shares granted to him/ her but unfulfilled vesting conditions will be recovered and canceled by the Company without compensation. 2. During the vesting period, if an employee has voluntarily resigned or been dismissed or laid off, his/ her unvested shares will be recovered and canceled by the Company without compensation.	
Number of New Restricted Employee Shares that have been Redeemed or Bought Back	8,637,700 shares	6,806,053 shares
Number of Released New Restricted Employee Shares	7,834,705 shares	3,367,044 shares
Number of Unreleased New Restricted Shares	6,587,095 shares	16,554,403 shares
Ratio of Unreleased New Restricted Shares to Total Issued Shares (%)	0.05%	0.13%
Impact on Possible Dilution of Shareholdings	The dilution of the Company's EPS is limited, so there is no significant impact on the interest of shareholders.	

Issuance of Restricted Stock Awards for Employees (Continue)

Type of New Restricted Employee Shares	1st Tranche of Year 2024	2nd Tranche of Year 2024
Date of Effective Registration and Total Shares	2024.10.08 66,000,000 shares	
Issue Date	2024.12.05	2025.12.05
Number of New Restricted Employee Shares Issued	32,956,000 shares	32,878,000 shares
New Restricted Employee Shares Not Yet to Be Issued	0 shares	
Issued Price (NT$)	The current issue is gratuitous	The current issue is gratuitous
New Restricted Employee Shares as a Percentage of Shares Issued	0.26%	0.26%
Vesting Conditions of New Restricted Employee Shares	1. If an employee, after having been granted a restricted stock award, A.remains on the job on the vesting date, B.during performance period, is determined by the company employee works for, as having not violated the employment contract, employee code of conduct, trust agreement, corporate governance best practice principles, ethical corporate management best practice principles, work handbook or non-compete and non-disclosure agreement of the company employee works for or any agreement with the company employee works for to have any relevant punishment records, however, if an employee has relevant punishment records, the Company may determine the proportions of the vesting shares based on the severity of the case. C.and has fulfilled both the personal performance indicators and operational goals set by the Company, the proportions of the vesting shares to be granted for such employee on the vesting date each year is as follows: 1-1.On the job for 2 years after granting: 33% 1-2.On the job for 3 years after granting: 33% 1-3.On the job for 4 years after granting: 34% 2. Personal performance indicator(s): A performance rating of A or higher for the most recent fiscal year prior to the end of each vesting period. 3. The operational goals of the Company use the earnings per share (EPS), total shareholder return (Total Shareholder Return, TSR) and ESG Target as performance indicators. Listed below are the performance targets and weighting for the indicators. Targets are set for each indicator. Indicators that have achieved the target value, the number of vested shares in the year is calculated according to the corresponding weighting, otherwise, the corresponding weighting is 0%. The performance period refers to the fiscal year of the most recent annual financial statement audited by a certified public accountant before the vesting date. Performance indicators are based on the consolidated financial statements audited by a certified public accountant corresponding to the period required by the indicators.	

Indicator	Weighting	Target
Earnings Per Share (EPS)	30%	Higher than the Company's average of the previous three years (Note 1)
Total Shareholder Return (TSR) (Note 2)	30%	UMC TSR comparing to TWSESCI Index TSR: · If greater than or equal to TWSESCI Index TSR: 100% vested · If less than TWSESCI Index TSR: 0% vested
ESG	40%	Fulfill both the below goals will be 100% vested; otherwise, will be 0%. · Greenhouse gas (GHG) emissions (Note 3) On the job for 2 years after granting: Reduce 14% and bove in year 2025; On the job for 3 years after granting: Reduce 16% and bove in year 2026; On the job for 4 years after granting: Reduce 18% and bove in year 2027. · Female directors reach or more than 1/3 and above of the board. (Note 4)

Type of New Restricted Employee Shares	1st Tranche of Year 2024	2nd Tranche of Year 2024
	Note 1: Comparing the performance period with the average of the preceding three years. The average of the previous three years is calculated based on taking the EPS of each year with infinite digits and then calculating the average by rounding off to four decimal places. Note 2: The TSR is calculated by the share prices of the Company (Ticker: 2303 TT) and the Taiwan Semiconductor Index (Ticker: TWSESCI Index) using the initial share price (i.e., the average share price of previous 30 transaction days from and including the first day of the performance period), the ending share price (i.e., the average share price of previous 30 transactions days from and including the last day of the performance period), plus the dividend (if any). Stock price and dividend information is based on the Taiwan Stock Exchange and Bloomberg Financial Database. Note 3: Taking year 2020 as the base year, the scope of GHG emissions includes direct emissions (Scope 1) and indirect emissions from purchased electricity (Scope 2) defined by GHG Protocol, and the reduction performance will be calculated based on full capacity scenario. Note 4: Based on the list of board members on each vesting date.	
Restricted Rights of New Restricted Employee Shares	1. Before any employee who has been granted restricted stock award shares fulfills the vesting conditions, except for the case of inheritance, the restricted stock award shares may not be sold, pledged, transferred, gifted to others, created any encumbrance, or otherwise disposed of. 2. Before any employee who has been granted restricted stock award shares fulfills the vesting conditions, his/her rights to attendance, proposal, statement, voting and election at the Shareholders' Meeting shall be the same as those of the outstanding common shares of the Company, and shall be exercised according to a custodial trust agreement. 3. Where any employee has been granted restricted stock award shares pursuant to these Regulations, his/her other rights prior to fulfillment of the vesting conditions include, but are not limited to: the right to distribution of cash dividends, stock dividends, legal reserves and capital reserves, and employee stock option at cash capital increase. Such rights shall be the same as those of the outstanding common shares of the Company, and shall be exercised according to a custodial trust agreement. 4. During the period from the book closure date for stock dividends granted by the Company, the book closure date for cash dividends, the book closure date for shares purchased from a cash capital increase, the book closure period of the Shareholders' Meeting as specified by Article 165, Paragraph 3 of the Company Act or any other statutory book closure date occurring based on the fact of the record date for distribution of rights, the time and process for lifting restrictions on the vested shares of any employee who has fulfilled the vesting conditions shall be subject to a custodial trust agreement or the applicable laws and regulations	
Custody Status of New Restricted Employee Shares	Placed under custodial trust	
Measures to be Taken When Vesting Conditions are not Meet	1. After the company's operational goals' review, if it is confirmed that the targets are not achieved, the shares granted to him/her but unfulfilled vesting conditions will be recalled and canceled by the Company without compensation. 2. Where an employee who has been granted restricted stock award shares is not on the job on the vesting date, has committed an act of gross negligence by violating any of the agreements under Article III, Paragraph (III), Sub-paragraph 1, or has failed to fulfill both the personal performance indicators and operational goals set by the Company, the shares granted to him/her but unfulfilled vesting conditions will be recalled and canceled by the Company without compensation. 3. During the vesting period, if an employee has voluntarily resigned or been dismissed or laid off, his/her unvested shares will be recalled and canceled by the Company without compensation.	
Number of New Restricted Employee Shares that have been Redeemed or Bought Back	1,657,237 shares	0 shares
Number of Released New Restricted Employee Shares	0 shares	0 shares
Number of Unreleased New Restricted Shares	31,298,763 shares	32,878,000 shares
Ratio of Unreleased New Restricted Shares to Total Issued Shares (%)	0.25%	0.26%
Impact on Possible Dilution of Shareholdings	The dilution of the Company's EPS is limited, so there is no significant impact on the interest of shareholders.	

List of Executives Receiving New Restricted Employee Shares and the Top Ten Employees with New Restricted Employee Shares

As of February 25,2026/Unit: thousand shares and in thousand NT$

Title	Name	No. of New Restricted Shares	New Restricted Shares as a Percentage of Shares Issued (%)	Released				Unreleased			
				No. of Shares	Issued Price (NT$)	Amount	Released Restricted Shares as a Percentage of Shares Issued (%)	No. of Shares	Issued Price (NT$)	Amount	Unreleased Restricted Shares as a Percentage of Shares Issued (%)
Chairman & Chief Strategic Officer	Stan Hung	35,060	0.28	6,749	0	0	0.05	28,311	0	0	0.23
Chief Executive Officer	Jason Wang										
President & Chief Operating Officer	Ming Hsu										
Senior Vice President	TS Wu										
Senior Vice President	G C Hung										
Senior Vice President	Oliver Chang										
Senior Vice President & Chief Financial Officer	Chitung Liu										
Vice President	JT Lin										
Vice President	Victor Chuang										
Vice President	Chuck Chen										
Vice President	S F Tzou										
Vice President	Osbert Cheng										
Vice President	Steven Hsu										
Vice President	Jerry CJ Hu										
Vice President	Y S Shen										
Vice President	Steven S Liu										
Vice President	Francia Hsu										
Vice President	Mindy Lin										
Vice President	Linwu Kuo										
Vice President & Chief Human Resources Officer	Eric Chen										
Vice President & General Counsel	Olivia Liao										
Former President	SC Chien										
Employee	Wenchi Ting	5,738	0.05	1,091	0	0	0.01	4,647	0	0	0.04
	Pang Min Wang										
	J Y Wu										
	Cedric Lee										
	M C Gao										
	Yanan Mou										
	Bellona Chen										
	Ray Yang										
	C P Yen										
	Johnson Liu										

Note. Acquisition of restricted shares is accumulated until the date of publication of the annual report.

Status of New Shares Issuance in Connection with Mergers and Acquisitions

The Company has not completed any merger or acquisition of another corporation to issue new shares according to the Company Act or Enterprises Mergers and Acquisition Act, nor has the Board of Directors approved any merger or acquisition of another corporation to issue new shares according to the Company Act or Enterprises Mergers and Acquisition Act during 2025 and as of the Annual Report Printing Date.

Funding Plans and Implementation

As of the end of the fourth quarter of 2025, the implementation of uncompleted funding plans was as follow:

Projects	Unsecured straight corporate bond (110-1)	Unsecured straight corporate bond (114-1)
Issue Date	April 22th, 2021	June 27th, 2025
Use of Proceeds	Purchase of equipment and environmental protection related expenditures	Environmental protection related expenditures and debt repayment
Change of Plan	No change	No change
Gross Proceeds	NT$9,600 million	NT$5,200 million
Implementation Status	The actual implementation was NT$9,112 million. Purchase of equipment's fund utilization finished in the first quarter of 2022. The rest will continue to be implemented according to the demand progress. There is no material difference between the expected benefits and the actual results.	The actual implementation was NT$4,873 million. Debt repayment's fund utilization finished in the third quarter of 2025. The rest will continue to be implemented according to the demand progress. There is no material difference between the expected benefits and the actual results.

Operations Overview

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Business Activities

Business Scope

UMC provides advanced semiconductor manufacturing services, offering wafer fabrication solutions for a wide range of IC applications. The Company continuously enhances its logic and specialty process technologies, delivering comprehensive solutions that align with market trends to fulfill customer demands. UMC currently offers full-scale foundry services in both 12-inch and 8-inch facilities, with process nodes spanning from 12nm to 0.6μm.

Customers can select the most suitable process technology based on their IC product needs. UMC's technology portfolio includes CMOS Logic, 3D FinFET, RF CMOS, Embedded Non-Volatile Memory, Embedded High Voltage, BCD (Bipolar-CMOS-DMOS), RF SOI (Radio Frequency Silicon on Insulator), GaAs (Gallium Arsenide), GaN (Gallium Nitride), and 2.5D/3D advanced packaging technology. Once customers finalize their product designs and tape out to UMC, the Company manufactures the wafers according to the specified requirements.

Industry Overview

Overview of the Semiconductor and Wafer Foundry Industry

As technology continues to advance and R&D breakthroughs emerge, end-user electronic products are evolving toward enhanced functionality, lightweight design, energy efficiency, and intelligence. In recent years, applications such as artificial intelligence, cloud and edge computing, automotive electronics and electric vehicles, smartphones, and the Internet of Things have expanded rapidly, further driving the continued growth of the semiconductor industry. The increasing demand for higher computing chip performance has also fueled the global need for advanced process and packaging technologies. These application trends are shaping the development trajectory of both the semiconductor and foundry industries.

Wafer foundry manufacturing plays a crucial role in the semiconductor industry supply chain. The collaboration between fabless IC design companies and foundries has evolved over decades to become the mainstream business model. Meanwhile, many integrated device manufacturers (IDMs), for better cost effectiveness, have gradually reduced their investments in advanced wafer fabrication and increased their reliance on outsourcing wafer manufacturing to foundries. In addition, certain system and brand companies have actively invested in proprietary chip development and engaged foundries for manufacturing. These long-term industry trends are favorable to the sustained growth and development of the foundry industry.

The global semiconductor industry maintained strong growth momentum in 2025. According to the World Semiconductor Trade Statistics (WSTS), total industry revenue reached US$772.2 billion, representing a year-on-year increase of 22.5%. Among the major segments, logic and memory recorded particularly strong growth, expanding by 37.1% and 27.8%, respectively. Other semiconductor categories, including optoelectronics, sensors, and analog devices, also registered positive growth.

Overall, the semiconductor industry demonstrated strong growth momentum, with full-year performance exceeding initial expectations at the beginning of the year. AI-related chips continued to serve as the primary growth driver, supporting overall market growth. Meanwhile, a recovery in smartphone and notebook PC sales contributed to rush orders and inventory replenishment, further supporting the semiconductor market. Although tariff-related issues caused short-term market fluctuations during the year, the semiconductor market remained resilient in the first half as supply chain participants efficiently coordinated shipment preparations. Following the achievement of bilateral tariff agreements by major countries in the second half of the year, no material adverse impact on overall industry development was observed.

Looking ahead to 2026, the global semiconductor industry is expected to sustain its growth momentum. According to the World Semiconductor Trade Statistics (WSTS), the global semiconductor market is projected to grow by 26.3% year-on-year to US$975.5 billion. Logic chips are forecast to expand by approximately 32.1%, while memory chips are expected to grow by about 39.4%.

Overall, the semiconductor industry growth is expected to continue to be primarily driven by artificial intelligence and high-performance computing applications. Sustained growth in high-performance computing demand is expected to further boost the need for advanced logic process technologies and high-bandwidth memory. While the semiconductor industry is anticipated to achieve steady growth this year, potential price volatility resulting from supply-demand imbalances in the memory market, and its potential effect on end demand, remain key factors to monitor.

Industry Overview (Continue)

In reviewing the foundry industry in 2025, the global wafer foundry industry continued its strong growth momentum. According to market research firm Gartner, global wafer foundry revenue increased by approximately 26.2% to US$173.7 billion, primarily driven by robust demand from artificial intelligence servers, high-performance computing (HPC), and automotive applications. In terms of advanced process technologies, the proliferation of artificial intelligence and high-performance computing applications has sustained high levels of advanced process capacity utilization and advanced packaging revenue. In the mature process segment, utilization rates improved quarter by quarter, supported by stabilizing consumer electronics demand, government subsidy programs in China, and steady demand from automotive, industrial control, and power management applications. Overall, the global foundry industry delivered growth in 2025 that exceeded initial expectations, supported by both application demand and policy-driven factors.

Looking ahead to 2026, the global wafer foundry industry is projected to continue its growth momentum. According to Gartner, the global foundry market is expected to grow by 18.8% to US$206.4 billion. Demand from artificial intelligence applications and advanced packaging is anticipated to remain the primary driver of the market growth. As cloud service providers (CSPs) continue to increase capital expenditures, demand for advanced process technologies and advanced packaging is expected to further expand.

In the mature process segment, as inventory adjustments largely conclude, demand is expected to gradually return to normalized levels. Applications such as automotive electronics, industrial control, base communications infrastructure, and power management are expected to continue to provide stable demand support. However, potential imbalances in memory supply and demand, as well as pricing dynamics, warrant continued monitoring for their indirect effect on the wafer foundry industry.

Overview of the Semiconductor Industry Supply Chain

The semiconductor industry ecosystem has matured over the decades. The vertical division within supply chain consists of sub-segments, including IC design, mask making, wafer foundry, packaging & testing, each forming a complete and interlocking sub-industry on its own. IC design companies design their chip products to meet the specifications required by end-system applications.

Given that different IC chips and product applications emphasize distinct features, specific process requirements vary accordingly. As a result, specialized wafer foundries must continuously optimize various process technologies and provide a comprehensive portfolio of silicon intellectual property (IP) to support IC design customers in smoothly transitioning their chip designs into mass production. Lastly, OSAT (Outsourced Semiconductor Assembly and Test) companies provide IC packaging and testing services to ensure the final shipped products meet all specification requirements.

Development Trends in the End-Systems

The electronic products are generally divided into several categories: computers, communications, consumer electronics, automotive, and industry, etc. The end-system products continue to trend towards lighter weight, more energy-saving, networked and better embedded intelligence. Looking ahead, emerging technological developments in artificial intelligence, the Internet of Things, wearable devices, autonomous driving/electric vehicles, augmented/virtual reality, multifunctional robotics, and drones, etc., will continue to commercialize and gain adoption into the market, prompting wafer foundry manufacturers, IC design customers, and upstream/downstream suppliers to work together to meet the needs and opportunities of all end-system products and applications.

Overview of Technology and R&D

R&D Expenses for the Past 2 Years

In Thousand NT$

	2025	2024
Research and development expenses	17,724,752	15,616,039

Note For the period from January 1, 2026 to the printing date on February 25, 2026, the unaudited research and development expenses amounted to NT$2,132,979.

Technologies or Products Successfully Developed Within the Past 2 Years

Year	R&D Achievements
2024	• UMC and Intel are collaborating in the United States to develop a 12nm FinFET process technology platform (12FFC). The progress is steadily advancing and the performance reflects strong competitiveness. This will assist customers in upgrading to critical technology nodes and enhance the resilience of the supply chain in the North American market. The process development is expected to be completed and verified by 2026. • Actively developing a 14nm FinFET embedded high-voltage process technology platform (14eHV), which significantly improves performance compared to the 28eHV, with smaller chip sizes that can reduce energy consumption by over 40%, enabling display driver chips to achieve higher resolution and higher refresh rates. • The 22nm image signal processor (22ISP) technology has been introduced into mass production, enhancing the performance of customers' products and significantly reducing power consumption, thereby providing customers with better market competitiveness to solidify their leadership position. • The 28nm embedded high-voltage low-power process platform (28eHV-LP), which can reduce energy consumption by up to 15%, has advanced to the design finalization and product verification stage. • The 28nm non-volatile memory process platform (28ESF4) has completed verification for both generic and IoT microprocessors, as well as for automotive electronics (Auto G1). • The 110nm BCD 3.3V new application platform has completed the establishment of the foundry design kit (FDK) and has entered the design finalization and verification stage. • The next-generation customized mobile power IC (PMIC) has successfully completed risk production and has also passed pre-mass production verification. • In the area of advanced 3D packaging, a 3D IC solution has been launched for RFSOI process technology. In terms of 2.5D packaging, deep trench capacitors (DTC) have been integrated into the silicon interposer, and product validation has been completed, entering the customer risk production phase. • The process for GaN RF switch has successfully entered the mass production stage, while the process for GaN RF power amplifier and the process for GaN 650V power device have entered customer product verification and risk production stages.
2025	• UMC and Intel are collaborating in the United States to develop a 12nm FinFET process technology platform (12FFC). The progress is steadily advancing. Intel had completed the process technology transfer and successfully replicated UMC's 12nm FinFET process, which has the advantages of high efficiency, low power consumption and small chip area. Currently, it is accelerating the verification for process transfer at Intel's Arizona plant in the United States and expects to complete it in 2026. • UMC's 14nm FinFET embedded high-voltage process technology platform (14eHV) combines planar and fin type transistors, successfully integrating 25V high-voltage device processes with 14FFC (14nm FinFET Compact) process technology. Compared to 22 and 28nm high voltage process technologies, it offers significantly improved performance, smaller chip size, lower power consumption, and greater competitiveness. • The development of the 28nm embedded high-voltage low-power process platform (28eHV-LP) has been extended to notebook panel driver chips in 2025, which can reduce power consumption by 15% compared to traditional screens. At the same time, it focuses on the miniaturization and integration of component scale, providing higher competitiveness to driver IC design houses and laying an excellent foundation for future mid-sized panel applications. • The 28nm non-volatile memory process platform (28ESF4) has completed verification for both generic and IoT microprocessors and automotive electronics (Auto G1), and has begun end-product design collaborations with multiple customers. Some customers have already entered the verification stage, and it is expected to be completed in 2026. • In 2025, the 22nm resistive random-access memory (22RRAM) process platform was upgraded in collaboration with eMemory Technology, increasing the operating temperature range from -40°C ~ 105°C to -40°C ~ 125°C for better customer use. Currently, we have begun collaborating with several customers on end-product design. • This year, we completed the first phase of device and design rules development for 55nm BCD non-epitaxy (BCD-NonEpi) and BCD silicon-on-insulator (BCD-SOI) technologies, focusing on power management (PMIC) applications. Simultaneously, we completed preliminary device development for the BCD epitaxial process (BCD-Epi). Currently, customer's testing chips are undergoing verification. • The 110nm BCD 3.3V new application platform has completed the establishment of the foundry design kit (FDK), added 1.5V digital devices, and completed the FDK establishment for 5V to 30V analog devices. Customer verification is expected to be completed in 2026. • The next-generation customized mobile power IC (PMIC) has successfully completed risk production and entered the mass production stage. • 40nm RFSOI millimeter-wave (mmW) technology has entered the prototyp design stage, and new devices for high-performance power amplifiers are under development. The performance of 40nm RFSOI-FR3 technology for FR3 antenna tuners has been validated. 22nm RFSOI is under development, targeting above 40GHz applications. A 3D IC solution for the RFSOI platform has also been developed. • In 3D advanced packaging, the active interposer combined with TSV-Middle technology and logic processes is currently being validated with multiple customers. For the solution of wafer-to-wafer hybrid bonding technology applied to RF components, customer products are currently in mass production. This technology can be applied to edge AI by integrating memory and logic chips, and has the advantages of high bandwidth and improved energy efficiency. The solutions incorporating deep trench capacitors (DTCs) within the silicon interposer have been shipped to major customers. • The process for GaN RF switch has successfully entered the mass production stage, while the process for GaN 650V power device and GaN RF power amplifier (PA) device are moving from customer product verification and pilot stage to mass production stage. • UMC's 12-inch silicon photonics technology has officially entered the risk production stage, and has obtained a license for iSiPP300 silicon photonics process technology from the globally renowned research institution imec. Combined with UMC's many years of experience in semiconductor manufacturing, this will further promote the development of 12-inch silicon photonics technology. Regarding 8-inch silicon photonics, the TFLN optical waveguide process development was completed as well.

Overview of Technology and R&D (Continue)

UMC's R&D team has always been dedicated to promoting the development of logic process technology. With the adherence to the belief of "Customer's Demand Comes First," the Company has been providing pure-play wafer foundry solutions to meet market trends and customer needs, which include world-class technology, customer support services, and state-of-the-art manufacturing. With the expansion of production facilities, the Company continues to recruit and train a large number of R&D talent. In 2025, UMC continued to invest significantly in R&D resources with total annual R&D expense reaching NT$17.7 billion, which has led to fruitful R&D achievements in logic and specialty technologies.

14/12nm FinFET Process Technologies

UMC's self-developed 14nm FinFET Compact process technology platform (14FFC) for mass production has exceeded 90% of yield rate. Moreover, the development of 14FFC Radio Frequency (RF) solution has been completed to expand the product application scope to include logic, analog, mixed-signal, RF technology, for the 5G communications, Internet of Things (IoT), mobile devices and other fields. Currently, UMC is actively developing a 12nm FinFET Compact (12FFC), with a significant performance boost, smaller chip size, and lower power consumption, compared to the 14FFC process. The 12FFC is more competitive and gives full play to the advantages of FinFET process technology to drive the application of next-generation silicon chips in various fields such as networking, artificial intelligence and further high-end consumer electronic products. UMC is also collaborating with Intel on the 12nm FinFET process manufactured in the United States, which is an important part of UMC's strategy for pursuing cost-effective capacity expansion and technology node upgrades. This collaboration underscores UMC's unwavering commitment to delivering value to our customers. Currently, the collaboration on the 12nm process is progressing smoothly . In 2025, Intel completed the transfer of process technology based on UMC's design rules and verified technology. It successfully replicated UMC's 12nm FinFET process, which has the advantages of high efficiency, low power consumption and small chip area. Currently, the verification of process transfer is being accelerated at Intel's Arizona plant in the United States and is expected to be completed in 2026.

Non-Volatile Memory Process Technologies

UMC provides eNVM specialty processes and their supporting IP solutions from 180nm to 22nm for applications in AIoT, automotive electronics, industrial control, and various 3C products. The 40nm non-volatile memory eFlash process platform has been adopted by customers and entered mass production. The 28nm embedded non-volatile super flash memory platform (ESF4), collaborating with SST, has completed the verification of generic and IoT microprocessors and is expected to meet the demand for AIoT. Currently, through process optimization, the original operating temperature range of the AIoT platform (-40°C ~ 125°C) has been upgraded to -40°C ~ 150°C, reaching automotive-grade standards (AG1). This platform upgrade will better meet customer design and application needs, and collaborations with several customers on end-product design have already begun. Some customers have already finalized their designs and entered the verification phase, with customer verification expected to be completed gradually by 2026.

The Resistive Random Access Memory (RRAM) is a novel non-volatile memory with simple structure, low operation voltage, low read current, fast program/erase speed and very good reliability. Moreover, it is fully logic compatible with less add-on masks and low extra cost. The 40nm RRAM has entered mass production, while the 22nm RRAM has completed the verification of generic and IoT microprocessors, and is expected to be applied in AIoT related products. In 2025, in collaboration with eMemory Technology, a platform upgrade was completed, increasing the operating temperature range from -40°C ~ 105°C to -40°C ~ 125°C for customer convenience. This platform upgrade benefits leading customers in design and application, and collaborations have already begun with several clients on end-product design.

The new generation of embedded Magnetoresistive Random Access Memory (eMRAM) has the same size as the traditional charge-trapping memory, but has simpler process conditions and faster operation speed, and exhibits excellent thermal stability, read/write endurance, and data retention. UMC continues to invest in the research and development of eMRAM process platform. The 22nm high-density 1Gb HDMRAM product, to be applied in aerospace and LEO satellite communications, entered trial production.

High Voltage Display Driver IC Process Technologies

Built on the superior high-voltage process, UMC has a full range of high-voltage process platforms from 0.8μm to 22nm, providing solutions for small to large display driver ICs (LCD and OLED) designs. UMC's OLED Small Panel Display Driver (SDDI) ranks first in the world in terms of market share in the foundry industry, and is also the first foundry to provide a 28nm OLED DDI platform for mass production, and has shipped more than 400 million units since volume production began in 2020. The low-temperature polycrystalline oxide (LTPO) OLED panel driver chip products with 28nm high-voltage 27V process technology have been mass-produced. The development of LTPO OLED panel driver chips with 22nm high-voltage 25V process technology has been completed, achieving a 24% reduction in energy consumption compared to 28eHV, and under mass production in 2023. The development of 28nm ultra-low power embedded high-voltage platform 28eHV-LP process technology, featuring the industry's smallest SRAM bit cell, thereby reducing the chip area, was completed in 2023. Compared to UMC's existing 28nm eHV process, the 28eHV-LP solution achieves a 15% reduction in power consumption and has been widely used in AMOLED panel driver ICs for mobile phones. In 2025, research and development extended to notebook panel driver ICs, with the development of 9V medium-voltage devices aimed at a new Tandem OLED (serial OLED), which can reduce power consumption by 15% compared to traditional screens. Simultaneously, the Company focuses on miniaturization and integration of device scale, providing greater competitiveness to driver IC design houses and laying an excellent foundation for future mid-sized panel applications. UMC

Overview of Technology and R&D (Continue)

is also actively developing a 14nm FinFET embedded high-voltage process technology platform (14eHV). The biggest difference between the 14nm FinFET embedded high-voltage process technology platform and previous platforms is that it integrates planar (two-dimensional) and fin (three-dimensional) type transistors onto the same platform for the first time, combining high-voltage device process with the already mass-produced 14FFC (14nm FinFET Compact) process technology. Compared to 22nm and 28nm high-voltage process technologies, the 14nm FinFET embedded high-voltage process technology will offer significantly improved performance, smaller chip size, lower power consumption, and greater competitiveness.

Power Management IC Process Technologies

Power management IC (PMIC) can improve the power efficiency of electronic devices, reduce energy loss during voltage conversion, and thereby achieve energy saving. To serve the demands for various PMIC applications, UMC provides Super High Voltage (5V and 30V in coordination with 300V, 500V or 700V) processes. UMC also provides a high voltage process technology platform that is compatible with standard logic and a complete IP core library. Combined with world-class Low Conduction Resistance and High Sustain Voltage components, the platform serves power management applications for mobile phones, tablets, automotive, and industrial systems.

UMC's Bipolar-Complementary Metal Oxide Semiconductor-Double Diffusion Metal Oxide Semiconductor (BCD, Bipolar-CMOS-DMOS) process can provide various required high-voltage operating capabilities for PMIC. UMC's BCD technologies enable power IC designs of up to 150V operating voltage on 200mm or 300mm wafer fabrication processes, providing comprehensive foundry solutions. To meet the "Green" requirements of electronic systems, the BCD technology with device offerings that include LV MOS, HV DMOS, Mixed-Signal and Analog devices, passive devices, and embedded non-volatile memories (NVM) covering all electronic applications. Following the successful mass production of the PMIC adopting 0.11μm BCD technology, the 0.11μm BCD platform combined with embedded non-volatile memory platform has completed the automotive component model and design specifications, as well as automotive IP. The development of a next-generation customized PMIC for mobile phones has completed product verification and successfully entered the mass production stage. The development of the new 0.11μm BCD 3.3V application platform has been completed. The digital part has added 1.5V devices to expand the scope of customer applications. The analog part has also completed the FDK establishment for 5V to 30V devices. Several customers have finalized their designs and entered the verification stage. It is expected that customer verification will be completed successively in 2026. UMC has completed the first phase of device and design rules development for the 55nm BCD non-epitaxy process (BCD-NonEpi) and BCD silicon-on-insulator (BCD-SOI) process this year, targeting power management (PMIC) applications in automotive electronics, mobile devices, and industrial control. In addition, UMC has also completed preliminary device development for the BCD epitaxial process (BCD-Epi), and expected to finalize design rule in 2026. Currently, customer test chips are undergoing verification, and mass production is expected in the second half of 2026.

ISP Process Technologies for CMOS Image Sensor

UMC provides customers with high-performance CMOS image signal processor (ISP) solutions that have been adopted by global leaders in mainstream applications such as high dynamic range (HDR) related products, such as surveillance, driving record (Dash CAM) and AIoT applications to meet the customer demand for high sensing resolution and fast focus function (PDAF), as well as product diversity. The mass-produced 28HPC+ ISP technology provides the industry's highest-end 200-megapixel image sensor product with the smallest pixel size. The 22nm ISP process technology, which can provide lower core operating voltage and better energy performance. After entering mass production in 2024, it provides customers with better market competitiveness to consolidate its leadership position.

Micro-Electro-Mechanical Systems (MEMS) Process Technologies

UMC is well experienced in the production and manufacturing of MEMS devices such as microphones, inertial sensors, pressure sensors, and environmental sensors (temperature/humidity sensors, gas sensors, etc.). UMC provides 8-inch factory manufacturing capability and strong technical support with more than hundreds of thousands of MEMS wafers shipped already. Based on current and upcoming MEMS market requirements, UMC has established a series of fundamental MEMS process building blocks to help customers quickly construct MEMS structures in a CMOS foundry fab. Many customers have benefited from these solutions to introduce a variety of MEMS devices to market.

RFSOI Process Technologies

UMC's RFSOI technology, built on high resistivity SOI material substrate, exhibits highly competitive Ron*Coff and Low Noise Amplifier (LNA) NMOS performance. With good noise isolation, low high-frequency signal harmonic frequency distortion and reduced power loss, it satisfies the strict requirements for antenna switches, antenna tuners and LNAs for 4G/LTE and 5G applications. UMC leads the industry in manufacturing 12-inch RFSOI wafers. The RFSOI portfolio has been successfully adopted by multiple customers in the market. UMC offers the most comprehensive RF front-end module solutions serving a broad range of applications including mobile, Wi-Fi, automotive, IoT, and satellite communications. The Company's family of RFSOI solutions ranges from 8-inch to 12-inch wafer manufacturing. the 40nm RFSOI millimeter-wave (mmW) technology has also completed full verification and is currently in the prototype design stage, with mass production expected in 2026. New devices for high-performance power amplifiers are also under development. The performance of the 40nm RFSOI-FR3 technology for FR3 antenna tuners has been verified, and customer prototyping will begin in 2026. 22nm RFSOI is also on the technology roadmap and is currently under development, aiming to prepare for future market applications above 40GHz. A 3D IC solution for the RFSOI platform has also been developed and is ready for customers to begin prototyping.

Compound Semiconductors

In terms of the overall layout of compound semiconductors, UMC mainly targets key niche markets such as communication devices and third-generation semiconductor power devices. Continuing to adopt SAW filter integration solutions, the existing gallium arsenide (GaAs) HBT power amplifiers is an integrated solution for mobile phone RF front-end modules and WiFi6/7 communication modules. For GaAs pHEMT, UMC will continue to develop key chip technologies suitable for 5G mmWave base stations and Ka/Ku-band low-orbit satellite receiver chips. In addition, as for the third type of wide-bandgap device technology, UMC actively invests in the development of gallium nitride power (Power GaN) and microwave (RF-GaN) technology platforms, targeting the market of high-efficiency power supply devices and 5G/low-orbit satellite communication devices. The RF-GaN and Power GaN device processes have been successfully developed, the RF- GaN switch component process has entered the mass production stage, and the process of the 650V GaN power device and the RF-GaN power amplifier (PA) device are moving from the customer product verification and pilot production stage to the mass production stage.

2.5D & 3DIC Heterogeneous Integration Packaging Technologies

UMC is actively investing in the development of advanced packaging technologies. In the 2.5D packaging field, it has successfully developed silicon interposer solutions with 400nF/mm² and 1100nF/mm² deep trench capacitors, and has shipped them to major customers. These solutions are widely used in artificial intelligence, high-performance computing, and automotive electronics. UMC is also collaborating with customers to continuously develop innovative solutions with higher capacitance density.

In the 3D packaging field, UMC's active interposer, combining through-silicon via (TSV) technology with logic processes, is currently being validated with multiple customers for application in edge computing and base control chips of high-bandwidth memory. Furthermore, UMC is extending this TSV technology to other specialized processes, and the project has entered the tape-out stage. In wafer-level hybrid bonding technology, UMC has successfully applied it to RF components in mobile devices, achieving the advantage of scaling. This collaboration has entered the mass production stage and the end products of leading customers is being launched simultaneously. This wafer-to-wafer hybrid bonding technology can also integrate memory and logic chips for the application in edge AI products, bringing advantages in high bandwidth and improved power efficiency. Several projects are currently underway.

Silicon photonics technologies

UMC is actively investing in the research and industrialization of 12-inch silicon photonics technology. In the first half of 2025, UMC successfully completed the production line configuration required for its 12-inch silicon photonics process, and in the second half of the year, it finalized the design with its customers, officially entering the risk production stage. Simultaneously, in the second half of 2025, UMC obtained a license for the iSiPP300 silicon photonics process technology from the globally renowned research institution imec, showcasing the results of international cooperation. Leveraging UMC's semiconductor manufacturing experience, UMC integrates SOI wafer process technology, 12-inch immersion development, germanium/silicon-germanium epitaxy technology, and UMC's existing 8-inch mass production foundation for silicon photonics, combined with imec's long-standing expertise in silicon photonics processes, to further promote the development of 12-inch silicon photonics technology. The technology encompasses micro-ring modulators, germanium-silicon (GeSi) electro-absorption modulators (EAM), and diverse low-loss fiber interfaces, overall enhancing product performance and application versatility. Currently, UMC and imec have begun close cooperation and started wafer fabrication testing, laying a solid foundation for Taiwan's semiconductor industry in the silicon photonics field and strengthening its international competitiveness. Furthermore, in 8-inch silicon photonics, the special material, Thin-Film Lithium Niobate (TFLN), has the following advantages: 1. Extremely high modulation bandwidth exceeding 100 GHz. 2. Strong optical confinement capability (smaller size) making miniaturization possible; compared to traditional Lithium Niobate (LN), devices can be shrank from several centimeters to less than one centimeter, enabling large-scale photonic integrated circuits (PICs). 3. Low optical loss and wide transparency window: Transparent from visible light to mid-infrared light, making it highly useful in communication, sensing, and spectral analysis fields. The TFLN optical waveguide process development was completed in 2025, and engineering samples of the TFLN optical modulator are expected to be completed by the end of 2026.

Silicon IP Support

Along with the design trends toward more precise deep sub-micron generation processes and increasing design complexity, foundry can no longer only focus on process yield improvement, but must also help customers shorten their design flow and reduce design cost. In terms

Overview of Technology and R&D (Continue)

of library design kits, UMC strengthens its design support capability by constantly providing optimized library design kits closely integrated with the Company's process technology in order to help designers accelerate the completion of their chip design. From mature to advanced process technologies to specialty processes, UMC can provide complete standard cell, I/O and customized libraries to meet customers' chip design needs. In terms of logic process, UMC's standard cell library for advanced processes can provide devices of various operating and threshold voltages (Vt). Along with low power library kits, they can meet various customer needs for design flexibility and high performance | low power applications. UMC's I/O library has an extremely small area, and it is qualified through a stringent Electrostatic Discharge (ESD) test to help customers design competitive products that can pass the ESD test with voltage as high as 4kV. So far, numerous customers have taped out successfully and mass produced products using UMC's I/O library on 110nm, 90nm, 65nm, 55nm, 40nm, 28nm, 22nm and 14nm processes. UMC also provides customized embedded flash memory (eFlash) IP on various process generations according to customer needs and has successfully helped customers with quick market entry for their products. In addition to UMC made IPs, the Company has also established partnerships with industry-leading IP vendors in order to provide physical library, non-volatile memory IPs, and diversified analog | mixed signal IPs that support industrial standard interfaces (such as USB, DDR, and HDMI). This year UMC has extended its long-term IP cooperation with all leading IP vendors to 22nm and 14nm processes in order to provide customers with a competitive design support environment.

Intellectual Property

Intellectual property (IP) is at the core of business growth and corporate competitiveness for the semiconductor industry. As industry players vie for technology leadership, UMC strives to protect and leverage our IP assets by linking our patent and trade secret protection mechanism with the Company's business strategy.

Following the Company's operation and development planning, the Company's IP division has formulated intellectual property protection management policies and objectives (The management policies are: 1. Emphasizing partnerships and sustainable operation, protecting the intellectual property rights of the Company and its clients. 2. Implementing the Company's patent and trade secret protection policies. The management objectives are: 1. Actively pursuing a global patent portfolio, filing at least 550 patent applications to ensure independent innovation achievements and maintain the Company's competitive advantage. 2. Holding at least 10 operational-related patent technology analysis meetings. 3. Conducting at least two trade secret training sessions within the Company. 4. Registering at least 250 key trade secrets within the Company.) The Intellectual Property Division reports on its implementation to the Board of Directors at least once a year. The most recent report was dated February 25, 2026 (16th Board of Directors, 12th meeting). In total, in 2025, 671 patent applications were filed, 11 patent technology analysis meetings were held, 2 trade secret training sessions were held, 406 key trade secrets were registered, and 623 patents were granted. The total number of patents accumulated over the years exceeds 16,700, and all objectives have been achieved as planned.

As trade secret protection become increasingly critical, UMC has stepped up internal compliance training and established a robust IP management system. In 2021, UMC achieved Taiwan Intellectual Property Management System (TIPS) A-level trade secret certification for the first time. In 2012, the Company obtained AA-level patent and trade secret certification. In 2023, UMC was awarded the highest honor of TIPS AAA certification (the certificate is valid until the end of 2026), making it the only company to receive this recognition in 2023 due to its exceptional performance in intellectual property management. It presents UMC's unwavering commitment to IP and corporate governance best practices.

Long-Term and Short-Term Business Plans

UMC is committed to providing customers with comprehensive wafer fabrication solutions and works closely with partners across the semiconductor supply chain, including equipment vendors, electronic design automation (EDA) providers, IC design service firms, IP suppliers, mask manufacturers, and assembly and testing companies. Through integrated design reference flows, an extensive IP portfolio, design databases, and diversified packaging and testing companies. Through integrated design reference flows, an extensive IP portfolio, design databases, and diversified packaging and testing options, combined with UMC's advanced specialty process technologies and professional foundry manufacturing management, the Company ensures rapid and successful mass production of customers' chip designs.

According to data from market research firm Gartner, in 2025 the overall foundry industry experienced growth in capacity, utilization rates, and wafer shipments. This trend is primarily driven by the rapid expansion of advanced process related applications, particularly in AI servers and high-performance computing. Meanwhile, the mature-node foundry market in which UMC specializes has benefited from the demand recovery of end-market consumer electronics and customer inventory replenishment, supporting stable annual operating performance. Looking ahead, in the near term UMC plans to actively expand revenue by supporting customer demand and increasing capacity for 22nm and 28nm applications. In the medium term, UMC will pursue strategic business collaborations, including leveraging complementary strengths with Intel to co-develop 12nm technology and establish manufacturing capacity in the United States. These initiatives aim to provide customers with a more comprehensive foundry service portfolio and support the Company's next phase of growth.

Short-Term Objectives

In the near term, UMC's business and operation continue to face the intensified competition amid a moderately growing market. To navigate market challenges, UMC will monitor inventory adjustment closely across the semiconductor supply chain while proactively collaborating with customers to develop and optimize industry-leading specialty technologies and solutions, to enhance the competitiveness for customer products. UMC will also fully support all applications in 22nm/28nm and customer wafer demand from customers, such as 22nm high-voltage driver ICs and image signal processing chips for mobile devices, to further strengthen UMC's leadership in specialty process technologies. In addition, the newly introduced 55nm BCD (Bipolar-CMOS-DMOS) platform is designed to deliver higher power efficiency and system integration for next-generation mobile devices, consumer electronics, automotive, and industrial applications, further reinforcing UMC's leadership in specialty process technologies.

UMC plans to invest approximately US$__ billion in capital expenditures in 2026, primarily for 12-inch wafer fabrication facilities, including the expansion of capacity at the Singapore 12i P3 fab and the 12nm collaborative project in the United States. These investments are intended to support customer demand for advanced technologies and additional capacity in line with the Company's future growth objectives.
(Note: The final CapEx figure will be updated by ACC.)

Medium-to-Long-Term Objectives

Technology development and stable profitability remain at the core of UMC's operational strategy. The Company continues to drive innovation through process technology R&D, leveraging its broad portfolio of process nodes and diverse specialty technology platforms to meet market demand, enhance UMC's market share, optimize product mix, and improve profitability. Case in point is the 12nm collaboration project with Intel, which integrates Intel's existing manufacturing capacity in US with UMC's advanced process technologies and extensive foundry experience. This partnership offers its target customers viable choices with a more resilient supply chain, further strengthening UMC's growth momentum.

UMC continues to develop differentiated and industry-leading specialty technologies, including low-power logic, Bipolar-CMOS-DMOS (BCD), embedded high-voltage (eHV), embedded non-volatile memory (eNVM), radio frequency silicon-on-insulator (RFSOI), and 2.5D/3D advanced packaging technologies. In addition, UMC has been actively investing in compound semiconductor technologies, notably Gallium Nitride (GaN), targeting high-performance power and RF applications and other high growth opportunities.

UMC firmly believes that sustainable development is the foundation of long-term corporate operations. In recent years, the Company has achieved significant progress in carbon reduction and has established more ambitious net-zero pathways. These efforts reflect UMC's commitment to sustainability as well as its responsibility and determination in addressing climate change. In alignment with the global 1.5°C decarbonization pathway, UMC has established near-term, long-term, and net-zero greenhouse gas reduction targets. In 2025, UMC announced that our near-term, long-term, and net-zero targets have been officially validated by the Science Based Targets initiative (SBTi), to be in line with the 1.5°C pathway. UMC is the first semiconductor foundry worldwide to receive approval for targets under this most stringent standard. Working together with supply chain partners, UMC aims to achieve a 20% reduction in supply chain emissions by 2030 and to jointly build a more resilient and sustainable semiconductor ecosystem.

Overview of Market, Production, and Sales

Foundry Market Analysis

UMC is a global leading semiconductor foundry. In 2025, the total revenue of the global foundry market reached approximately US$173.7 billion. According to Gartner, UMC continued to rank among the top three pure-play foundries worldwide. Other major participants in the pure-play foundry industry include Taiwan Semiconductor Manufacturing Company (TSMC), Samsung Foundry, Semiconductor Manufacturing International Corporation (SMIC), and GlobalFoundries.

In 2025, UMC revenue reached approximately NT$237.6 billion, equivalent to US$7.6 billion. UMC serves a broad range of leading worldwide semiconductor customers, with a strong presence in the Asia-Pacific and North American markets, contributing approximately 65% and 22% of total revenue, respectively. Additionally, Europe and Japan together accounted for 13% of revenue. UMC remains committed to fostering close collaborations with customers across all regions to align with market trends and support their growth needs.

According to Gartner, the global foundry industry is expected to grow by approximately 18.8% in 2026, reaching a market size of approximately US$206.4 billion. Over the coming years, the growth of the foundry market is anticipated to benefit from key application trends, including artificial intelligence, high-performance computing, mobile communications, electric vehicles, and robotics, which are fueling demand for advanced process wafers and advanced packaging solutions. Among these, the mature process market is poised for stable growth by leveraging optimized and differentiated specialty technologies to explore new application domains.

Competitive Advantages

- UMC remains optimistic about the growing demand from diversified applications, and is actively investing in research and development for both advanced logic and specialty process technologies, including low-power FinFET logic, embedded high-voltage, BCD, embedded memory, advanced packaging, RF-SOI, and compound semiconductors. UMC has also established an open technology platform in collaboration with backend packaging and testing partners, working closely with customers to deliver optimal services, to drive operational growth.
- Leveraging its world-class manufacturing capabilities, UMC has built a strong competitive position and reputation in the global foundry industry. The Company has developed a wide range of process technologies across nodes, and ensure stable delivery of high-quality wafers with industry-leading yields. Its rigorous production management ensures high standards in quality, yield, and delivery to meet customer requirements. On cost management, UMC continues to optimize supply chain processes and enhance production line efficiency to effectively reduce operational costs. UMC consistently demonstrates superior manufacturing management, creating value for customers and solidifying its market-leading position, across operation, quality control, and cost management.
- To meet customers' growing needs, UMC upholds strict financial discipline in planning capital expenditures to expand capacity. The Company's production footprint is strategically diversified across Taiwan, Singapore, Japan, and China, with an advanced node production line currently being constructed in the US. This expansion will further support customer capacity needs while also addressing geopolitical risks.

Favorable Factors for Future Growth

- Under the trend of vertical disintegration in IC design and wafer manufacturing, the foundry market has flourished. The global semiconductor industry's demand for wafer foundry services is expected to continue growing.
- Integrated Device Manufacturer (IDM) companies continue to adopt the strategy to outsource more for their wafer manufacturing needs, driving further growth in pure-play foundry market.
- UMC has demonstrated outstanding performance, driven by a strong management team, advanced technology R&D, and exceptional business development expertise.
- To align with the megatrends for electronics industry, UMC continues to develop differentiated specialty process technologies to meet market and customer demands, establishing a leading position in technological advancement. These specialty process technologies include embedded high-voltage, BCD, embedded non-volatile memory, RFSOI, advanced packaging, and compound technologies, etc.
- UMC continues to invest in research and development as well as capital expenditures, while strategically expanding its global manufacturing footprint across Taiwan, Singapore, Japan, China, and US. These efforts aim to strengthen competitiveness, enhance service quality, and foster close strategic collaborations with world-class IC customers, ensuring a stable and long-term order pipeline.

Potential Challenges

- The long-term growth aspect of the semiconductor market and the critical role of wafer foundries in the supply chain have prompted certain countries to provide strategic subsidies. This has led certain foundry competitors to significantly increase their capital expenditures for capacity expansion, potentially resulting in global overcapacity and supply-demand imbalance.
- Geopolitical risks also pose a major uncertainty for the wafer foundry industry. The escalating US-China trade and technology conflicts call for close monitoring of potential adverse impacts from export controls and regulatory restrictions.
- Market volatility and the potential emergence of trade barriers arising from tariff concerns remain key factors to monitor going forward.

Countermeasures

- UMC continue to strengthen its process development, increasing the proportion of advanced nodes, optimizing its product portfolio, and maintaining high yields and comprehensive services to strengthen its differentiation and competitiveness, thereby ensuring UMC's position as the preferred choice for customers.
- The Company is actively exploring new opportunities in emerging applications such as AI, 5G mobile communication, smart IoT, electric vehicles, multifunctional robot, and smart drone, etc. Tailored processes and solutions are being developed to support customers achieve high performance, low power consumption, and cost-efficiency in their designs.
- UMC strives to build long-term partnerships with customers by providing competitive process technologies and sufficient production capacity. This strengthens UMC's growth momentum, enhances service quality, and continuously improves customer satisfaction.
- By improving production efficiency and controlling production costs, UMC enhances the competitiveness and profitability of its operation.

Overview of Market, Production, and Sales (Continue)

- The Company pursues strategic alliances on most advanced nodes, by co-developing process technologies together with innovative business model, to better serve customers and expand its market share.
- To address future geopolitical challenges, UMC is committed to leveraging its diversified technology portfolios and global manufacturing footprint to offer customers flexible supply chain solutions, enhancing competitiveness and creating win-win outcomes.

Main Technologies, Applications and Production Process

Main Technologies and Their Corresponding Applications

- CMOS Logic Process: Used for manufacturing chips that perform logic operations, such as application processors, Field-Programmable Gate Array (FPGA), and various multimedia processors.
- 3D FinFET Process: Compared to traditional planar transistor processes used in 28nm/22nm and nodes above, 3-dimentional FinFET process is preferred by high-end logic applications needing high-performance and low-power features, including mobile baseband processors, application processors, and high-speed memory controllers, etc.
- RF CMOS Process: Used for fabricating high-frequency wireless communication chips, such as mobile RF transceivers, Wi-Fi, and Bluetooth communication chips, etc.
- Embedded Non-Volatile Memory Process: Integrate logic and embedded non-volatile memory processes (e.g., emb-Flash, RRAM, MRAM) for manufacturing products, including general-purpose microcontrollers, touch controller IC, smart card IC, financial card IC, automotive-grade microcontrollers, and low-power IoT microcontrollers, etc.
- Embedded High Voltage Process: Used for manufacturing display driver ICs for LCD and OLED panels in mobile phones, televisions, tablets, and AR/VR devices, as well as e-paper display drivers, etc.
- BCD (Bipolar-CMOS-DMOS) Process: Used for manufacturing various power management and power conversion chips, BCD technology has been widely adopted in mobile phones, laptops, automotive electronics, televisions, tablets, and various industrial control products.
- RFSOI (Radio Frequency Silicon on Insulator) Process: Used for manufacturing RF switches and low-noise amplifiers chips, in mobile phones, WLAN, and wireless base station front-end modules.
- GaAs (Gallium Arsenide) Process: Used for manufacturing RF front-end related ICs, in mobile phones and base stations.
- GaN Process: Used for manufacturing RF front-end related ICs for 5G base stations, as well as chips required for high-power density mobile chargers for smartphone/tablet/laptop, power supplies for data servers, and onboard chargers for electric vehicles.
- 2.5D/3D Advanced Packaging Process: Widely applied in high-performance computing, 5G smartphone camera modules, AI edge devices, and automotive advanced chips, etc.

Production Process

- IC manufacturing process mainly consists of five stages: IC design, photomask fabrication, wafer manufacturing, packaging, and testing. UMC is dedicated to the research, development, and production of advanced IC process technologies and specialty technology solutions, providing comprehensive wafer foundry services to meet customers' IC product requirements.

Status of Supply of Primary Raw Material

Type of Primary Raw Material	Primary Suppliers	Market Status of Suppliers	Procurement Strategy
Silicon Wafer	• S.E.H. Taiwan (Manufacturing sites: US, Japan, Taiwan and Malaysia) • Global Wafers (Manufacturing sites: US, Taiwan, Italy and Japan) • SUMCO Group (Manufacturing sites: Japan and Taiwan) • SOITEC Group (Manufacturing sites: France and Singapore)	These four makers are the world's primary silicon wafer suppliers with production sites in US, Japan, Italy, France, Taiwan and Southeast Asia, who can offer steady and high-quality silicon wafers.	1. The Company has been in long-term procurement relationships with the world's primary suppliers in order to ensure the steady access to production material. 2. In recent years, UMC has strategically increased the proportion of local suppliers, thereby enhancing supply chain stability and procurement cost. 3. The Company will convene a supplier management committee meeting every quarter to evaluate suppliers' performance in order to adjust the ratio of procurement from these suppliers. 4. The Company established a sourcing committee to implement source integration and development more effectively and to gain the most benefit of cost reduction.

Suppliers Who Account for More than 10% Of the Net Purchase Amount

In Thousand NT$

	2025			2024		
Name	Amount	Percentage of Net Purchase	Relation to UMC	Amount	Percentage of Net Purchase	Relation to UMC
Supplier A	5,324,662	11	None	6,114,359	14	None
Supplier B	5,295,306	11	None	3,000,016	7	None
Others	36,818,400	78		35,710,146	79	
Net Purchase	47,438,368	100		44,824,521	100	

The company listed on the TWSE or traded on the TPEx shall include in its disclosures the most recent financial data which were audited or reviewed by a certified public accountant for the period closest to the printing date of the annual report: None.

Reason for increase or decrease: The purchase amount has increased as a result of signing a long-term agreement.

Customers Who Account for More than 10% of the Operating Revenues

In Thousand NT$

	2025			2024		
Name	Amount	Percentage of Operating Revenues	Relation to UMC	Amount	Percentage of Operating Revenues	Relation to UMC
Customer A	28,005,843	12	None	24,180,535	10	None
Others	209,547,356	88		208,122,049	90	
Operating Revenues	237,553,199	100		232,302,584	100	

The company listed on the TWSE or traded on the TPEx shall include in its disclosures the most recent financial data which were audited or reviewed by a certified public accountant for the period closest to the printing date of the annual report: None.

Reason for increase or decrease: The changes in Operating Revenues were mainly due to customer product demand change.

Employees

Number of Workers

	2026	2025	2024
Engineers	12,290	12,337	12,128
Administrators	833	835	830
Clerks	1	1	1
Technicians	5,971	5,924	6,057
Total	19,095	19,097	19,016

Average Age

	2026	2025	2024
Average Age	40.3	40.3	40.1

Average Service Years

	2026	2025	2024
Average Service Years	13.5	13.5	13.3

Educational Distribution Ratio (%)

	2026	2025	2024
Ph.D	1.5	1.5	1.5
Master	30.1	30.1	29.6
Bachelor/Associate/Diploma	48.7	48.7	49.0
High School and Below	19.7	19.7	19.9

Note: The data represented for 2026 was gathered until February 25, 2026.

Environmental Expenditure Information

By the printing date of the 2025 annual report, UMC has not incurred any losses due to environmental pollution. However, the Company was fined NT$13,500 for a violation of environmental protection regulations. Under document No. 1140096126 issued on July 30, 2025, Fab12A was found to have exceeded the chemical oxygen demand (COD) limit for wastewater. Although the wastewater treatment facilities were operating normally and the plant held a valid Water Pollution Prevention Plan, a sample taken by the Tainan Environmental Protection Bureau showed that the COD value for the wastewater sample from original wastewater WM03 was 1,020 mg/L, surpassing the permitted limit of 730 mg/L as specified in the approved plan. As a result, the Company was fined NT$13,500 in accordance with Article 18 of the Water Pollution Control Act and Article 4 of the Water Pollution Control Measures and Test Reporting Management Regulations. In addition, the Company is required to designate a representative to attend environmental protection seminars for two hours under Section 2 of Article 23 of the Environmental Education Act. Following the inspection by the competent authority, the Company has completed the modification of the water pollution prevention and control measures plan and strengthened relevant management measures.

UMC has identified environmental risks during the operational process according to the spirit of international environmental management system (ISO 14001) standards, based on which corrective and preventive measures can be continuously conducted, including equipment hardware improvement, enhancement of personal educational training, and strengthening of operating system management.

In 2025, the total environmental protection related expenditures for UMC fabs in Taiwan, Singapore, China and Japan have exceeded NT$3.80 billion. The environmental capital expenditures investment in highly efficient pollution prevention technology and preventive equipment etc., totaling NT$1.82 billion. The average monthly pollution prevention expenses and O&M of pollution prevention equipment exceeded NT$112 million, while the average monthly waste disposal cost exceeded NT$35 million. Meanwhile, NT$38 million has been spent on annual environment monitoring to track the overall emission of pollutants. In addition, in response to RoHS (Restriction of Hazardous Substances), around NT$2.2 million has been spent on continuous certification of the QC-080000 IECQ HSPM system, product inspection, and educational training.

Labor Relations

UMC has consistently valued employee benefits and welfare, and has actively cultivated talent, implemented labor laws and regulations, protected employee rights and interests, and created a bright and pleasant working environment. UMC complies with various local laws and regulations, and strengthens employee awareness to prevent labor disputes. Through channels such as labor-management meetings, divisional meetings, forums, suggestion boxes, grievance hotlines staffed by complaint specialists, and communication management units, the Company has achieved competent communication and effective problem-solving.

In addition to effectively maintaining harmonious labor relations, UMC respects and promotes international human rights by providing employees with a quality employment environment. Moreover, in UMC and all its subsidiaries, the management and implementation of labor relations such as employee welfare measures, in-service education, training and retirement systems are planned and conducted in accordance with or above and beyond the requirements of law. UMC has also set up in-house physicians to provide medical services and quality counseling services for the physical and mental health needs of employees, thereby promoting harmonious labor relations.

UMC is committed to providing employees with a safe and friendly working environment. Through continuous efforts, UMC has received numerous awards from the Science Park Bureau for promoting workplace safety and health, labor relations, and the national excellence award for friendly workplace.

Employee Work Engagement and Satisfaction Survey

UMC has always adhered to a people-oriented spirit by regarding UMC employees as the Company's most important asset. Therefore, caring about employees, listening to their feedback and making corresponding improvements are important to the Company. In the past, UMC used the “employee satisfaction survey” for analysis, but at the end of 2018, the “employee engagement survey” was introduced in line with international trends. The survey began covering the entire UMC Group starting in 2025. The overall survey result in 2025 was 81.2 points, which is higher than the semiconductor industry norm of 76 points. It is hoped that the organization's key issues can be identified through the survey report, based on which improvement countermeasures can be taken to retain key talents.

Post-Survey Improvements Plans and Practices

As for the collected survey results, in addition to confirming the effectiveness through cross-comparison of annual variations, improvement measures were formulated for weak areas, and corresponding communication was also carried out based on various division functions for the implementation of quarterly progress tracking. In regards to the less-than-satisfactory items indicated in specific units' 2025 survey results, the extent of corresponding improvements was greater than the Company's average improvement extent, demonstrating the effectiveness of the countermeasures. Moreover, in terms of the projects proposed to improve work efficiency and labor balance for the Company's overall operating environment, work patterns have been adjusted through further review of work hours and diagnosis of reasons for employee turnover in the hope of enhancing retention rates at fabs using advanced process technologies.

During 2025 and as of the date of this Annual Report, UMC has not incurred any labor-dispute related losses. However, the Company was fined for the following labor inspection results: NT$50,000 issued on 03/25/2025 for consecutive working days exceeding the permitted limit (Labor Standards Act Article 36 Paragraph 1). NT$150,000 issued on 08/07/2025 for overtime applications not being timely processed (Labor Standards Act Article 24 Paragraph 1). NT$40,000 issued on 09/02/2025 for employees not having a break for at least 30 minutes after having worked for four consecutive hours (Labor Standards Act Article 35). NT$200,000 issued on 11/14/2025 for overtime applications not being timely processed (Labor Standards Act Article 24 Paragraph 1). NT$160,000 issued on 2/10/2026 for the extension of working hours combined with the regular working hours exceeding permitted limit (Labor Standards Act Article 32 Paragraph 2) and for employees not having a break for at least 30 minutes after having worked for four consecutive hours (Labor Standards Act Article 35). UMC has reviewed and will continue to improve working hours management process, and regularly publishes relevant laws and regulations to remind supervisors to keep abreast of employees' working hours and care about their working conditions.

Education and Training

High-quality talent is the cornerstone of UMC’s competitiveness, and comprehensive talent development and cultivation are the keys to improving human resource quality.

UMC’s human resource cultivation policies are tailored according to the career development needs of employees in their particular job type and rank. The policies provide systematic training for all employees, and the training framework consists of three parts,1. off-the-job training, 2. on-the-job training, 3. self-development (SD), including new employee orientation, technical training, management skills training, quality control training, training committee, director labor’s (DL) training and certification, and language courses. In addition, a wide range of learning resources such as online learning courses and in-service training are also offered to provide all employees with a working environment that is conducive for continuing development. In 2025, UMC has conducted a total of 15,594 training sessions, totaling 92,178 hours of training, 849,140 participants and total training expenses of NT$ 78,024 (thousand dollars).

The following is a summary of training courses provided by UMC:

Off-the-Job Training

- New Employee Orientation: To help new employees quickly adapt to the work environment, orientation training is provided for new employees to give them a basic understanding of semiconductor processes and establish a common language. In addition to basic courses on company organization, remuneration and benefits, basic daily necessities and industrial safety, U-Camp courses on workplace stress management and adopting a positive attitude also help new employees understand the spirit and values of UMC. To help new employees quickly develop professionalism and an appropriate job

attitude, they are paired with a mentor to help them quickly integrate into the corporate culture.

- Technical Training: To help engineers quickly master the overall technologies and continue to advance technologically, UMC has a comprehensive training blueprint for engineers that is specific to divisional attributes. The curriculum includes basic courses and advanced, technology-specific themed seminars to enhance the technical capability of the engineers and develop a system of internal experts.
  In addition, to equip employees with multiple skills and promote cross-divisional cooperation, UMC continuous to promote inter-divisional training courses to increase the depth and breadth of professional and technical training for employees. Furthermore, curriculum content is continuously improved to meet the rapid changes and progress of technology.
- Management Skills Training: Management skills development is an important task for supervisors at all levels. To this end, UMC provides a series of courses targeting competencies relevant to supervisors, such as management behavior, skills, knowledge and corporate culture integration. To assist supervisors with achieving cooperation in their work and management, learning resources such as foreman/sectional chief, grassroots supervisor, middle-level supervisor and senior executive training courses are conducted.
- Quality Training: Training courses relevant to UMC quality policies and quality requirements are conducted, such as knowledge management, proposal improvement, project management, problem analysis techniques, statistical process control and experimental design.
- Business Ethics Training: To enhance the behavioral literacy, professional ethics and professional competence of UMC and all its employees, courses on employee ethics, insider trading prevention and conflict of interest are conducted within the Company and promoted in the Planning Section of the UMC intranet site. To gain public trust, all employees (including high-level executives and other managers in the operation team) are expected to abide by the ethical spirit of the Company in their daily tasks and businesses, thereby ensuring the sustainable growth and development of the Company.

On-the-Job Training

- Training Committee: Each fab has an Education Committee to provide training for employees in the various divisions. The training is based on skills required by specific jobs and professional skills assessment to ensure that employees have the required job. The Human Resource Division conducts an annual review of training outcome to determine and direct the operations of the Education Committee in each fab, and convenes a training outcome meeting so that the fabs can share their experience.
- DL Training and Certification: The relevant training is mainly arranged and operated by each fab / division, including general courses, equipment training, and certification. To ensure work quality, all new DLs must obtain a valid certification that certifies their qualification for the job.

Self-Development (SD)

- Language Training: Employee language proficiency is determined through language testing. Training programs targeting specific learning needs are then provided accordingly to strengthen employee language skills and workplace competitiveness.
- E-Learning: UMC has established a learning webpage for employees that integrates all course information, training systems and data enquiries. The online platform enables employees to easily access needed information for planning and learning without schedule constraints.
- External Training: UMC provides employees (including contract and temporary employee) to participate in external training (including domestic and foreign training), and publishes information on external training courses to encourage employees to participate in external training related to their positions, and those who have been approved by supervisors in advance to participate in external training are qualified to apply for company subsidies for training expenses. After the training, colleagues will bring their training experience, achievements and new knowledge back to the Company for exchange and sharing. Through the external training mode, colleagues can further expand and broaden their knowledge in the professional field.
- In-service Training: UMC provides information on in-service courses offered by outside colleges and universities, promotes educational resources and offers subsidies for in-service training to encourage all employees (including contract and temporary employee) to develop the professional competencies or management skills required at each stage of their career.

UMC Talent Development Path

Based on the training and development model, UMC defines the competency base of each level in accordance with the Company's business strategy to plan the training and development plan, provides a comprehensive and diversified learning environment according to the type of work, cultivates multiple talents, continuously improves the Company's growth, achieves the goal of retaining and nurturing talents, and implements the energy of career sustainable development.
In the design of the internal training curriculum, UMC conducts a company-wide training needs survey in the fourth quarter of each year and plans corresponding development courses based on the professional needs of supervisors and employees. In addition to required training to help employees achieve job performance, employees can also prepare for their career planning and development by participating in other training courses based on their personal needs and future development plans.

UMC Talent Development Path

New Employee	Employee	First-line Manager	Middle Manager	Executive
• New Employee Orientation • New Employee Mentoring Procedure • Technical Training	• On-the-job Training • Competency Training	• First-line Manager Competency • Direct leadership Training	• Case Study Workshop Organizational • Leadership Training	• Executive Development Program (UMC Academy) • Strategic Leadership Training

Employee Benefits

Employee Welfare System

UMC believes that employees are the most important assets of the Company, and that a company can continue to develop and progress only with appropriate and sufficient talent. To this end, UMC is committed to creating a healthy workplace environment. In addition to providing competitive salaries and dividends, a comprehensive education and training system, diverse benefits and a safe and healthy working environment, UMC has also developed a comprehensive employee welfare system in accordance with local laws and regulations and regional needs.
UMC provides a variety of welfare measures as follow:

- Nutritionally balanced and delicious meals: Each fab has its independently operated cafeteria and a variety of meal options. By combining the cafeteria, cafe and convenience store into an integrated dining area, employees can enjoy healthy and balanced meals.
- Fitness Sports Center: UMC operates its own recreation center in the Hsinchu science park, and Tainan Fab 12A has the UMC Park Activity Center, a multi-purpose sports center gym and the LM Dormitory gym. In addition, other facilities such as gyms and aerobics classrooms are located in appropriate areas of UMC fabs to reflect the concept of a healthy workplace.
- Welfare Events: The Welfare Committee routinely organizes events (such as Family Day, art activities, movies, trips), and in coordination with company celebrations, organizes inter-fab competitions to cultivate team unity. At the same time, other inter-divisional and inter-fab activities are held during holidays to enhance employee work-life balance.
- Club Recreation: UMC has five major categories of clubs, such as sports, arts and community service. Whether active or more sedentary, employees can choose from a variety of content. In 2025, UMC had a total of 33 clubs and about 2,491 participants.
- Accommodation and transportation assistance: UMC provides safe and comfortable accommodations for both direct labor and indirect labor. Free scheduled transportation and shuttle services are also provided for convenient and quick connections.

UMC recognizes the importance of employee health and well-being, consistently adhering to relevant laws and regulations while continuously optimizing and innovating. We are committed to creating an inclusive and supportive work environment that allows employees to focus on their work and actively give back to the company and society.

In compliance with various labor laws, we legally provide diverse leave options, time for feeding or breast milk collection, and unpaid leave benefits, and have established workplace prevention and correction of sexual harassment policies to ensure the safety and dignity of our employees. Furthermore, we have designed a leave system that exceeds legal requirements, including Supplemental Holidays, Volunteer Leave, Paternity Leave, and extended Maternity Leave. We also implement a flexible working hours system, allowing employees to adjust their work schedules according to their personal and family needs, achieving a work-life balance.

Regarding insurance coverage, we comply with legal requirements by providing Labor Insurance and National Health Insurance, offering basic protection for our employees, and also provide a comprehensive group insurance system that includes Life Insurance, Accident Insurance, Critical Illness Insurance, Medical Insurance, and Cancer Insurance. Employees can opt to increase their coverage at their own expense and extend coverage to their parents, spouses, and children, thereby enhancing the health and safety protection for both employees and their families, and further enhancing their peace of mind.

Through these measures, UMC not only enhances employee well-being but also aims to build deep trust and cooperative relationships. We firmly believe that the health and happiness of our employees are the foundation of the company's sustainable growth. In the future, we will continue to strive to create a better working environment and quality of life for our employees, maintaining our commitment to supporting them in an ever-changing market.

Employee Health

UMC has a longstanding commitment to creating a workplace environment that is physically, mentally and spiritually healthy. UMC is convinced that only employees who are physical and mentally healthy can be highly efficient and produce excellent work performance. In addition to assisting employees in all aspects of health management and health promotion, UMC also reaches out to employees' families in the hope of boosting employee work morale and improving the quality of their work.

While valuing the employees' health, UMC also spares no effort in their mental health management. Through a confidential agreement mechanism with partner units, UMC provides benefits that are superior to laws and regulations, allowing employees to have free and professional psychological counseling services six times a year. From time to time, UMC will use various methods such as online platforms, e-posters, lectures, conference promotion, and dissemination of promotional materials, so that employees can make appropriate pressure adjustments under the pressure of work and family, and maintain a good physical and mental state, returning to the normal track and performance of work as soon as possible.

In 2025, UMC adopted health promotion activities for each quarter, and integrated occupational safety and health laws such as maternal protection, overwork prevention, human factors engineering and other health related issues. At the same time, medical checks for employees and health needs questionnaires are provided annually. A variety of health promotion activities, educational sessions, and seminars are organized for employees to provide them with additional knowledge and skills for managing their own health. Furthermore, through occupational safety and health project management, UMC's Health Center has installed an internal reporting system for potential occupational chronic injury and disease, with regular hearing inspections and vision care programs that are superior to occupational safety laws to achieve the goal of preventing occupational injuries. Moreover, as of 2020, UMC's IT divisions have integrated their existing systems to construct a customized personal Health Care System for employees, and relevant functions will continue to be regularly optimized. In addition to checking their own health check reports over the years, colleagues can also receive system notifications on the day of consultation with medical staff, and immediately read and confirm consultation related information, which improves the timeliness and care rate of the medical team's care. In addition to regulatory annual checkups, in 2025, beyond regulatory requirements, the Company offered all employees complimentary cancer screening blood tests as part of their annual health examinations. Beginning in 2024, all employees were subsidized for Low-dose lung CT or cardiac calcium scoring to facilitate early detection of signs of disease and early treatment. UMC also offers a variety of preventive screening and health promoting activities such Hepatitis Blood Examination, Cardiovascular Disease Screening, Thyroid Function Screening, Fecal Occult Blood Test (FOBT), Heel Bone Density Screening, women 3-in-1 health exam, abdominal ultrasound examination, and other out-of-pocket items so that employees can choose appropriate health checks according to their needs. Starting from 2025, in addition to the

Employee Benefits (Continue)

annual influenza vaccination, the Company has further provided vaccination services for pneumococcal Vaccine, human papillomavirus (HPV), Herpes Zoster Vaccine to help employees enhance their health protection.

The above-mentioned health management methods and health promotion activities are intended to ensure that employees sufficiently understand and actively participate in improving their own health condition, so that the purpose of early diagnosis and treatment can be achieved. It is hoped that every employee can support each other and grow together with UMC in a healthy physical and mental state, and work together for UMC.

Labor Pension System

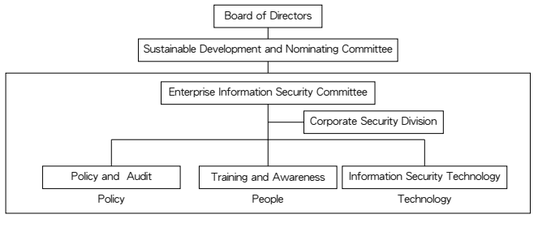
In terms of labor pension system, UMC allocates the worker's retirement reserve funds to the Labor Pension Reserve Supervisory Committees at a rate of 2% of total salary expenses each month in compliance with regulations, and then allocates the funds to a designated bank account at the Bank of Taiwan on a monthly basis. UMC ensures sufficient allocation annually, and processes the employee labor pension payment in accordance with the Labor Standards Law. Since July 1, 2005, for employees who opt for the retirement system under the Labor Pension Act, 6% of their monthly salary is paid into their individual labor pension account to secure their rights and interests. For employees who voluntarily choose to contribute to their retirement funds, at a rate that they have agreed upon, their contributions will be deducted from their monthly salary and deposited into a personal retirement account managed by the Bureau of Labor Insurance.

Information Security Management

Information Security Risk Management

Established in 2003, the Enterprise Information Security Committee (EISC) is responsible for planning and implementing the Company's information security management, establishing and maintaining the information security management system, and coordinating the formulation and compliance of related policies. Senior Vice President TS Wu, who oversees the Digital function, also serves as the Chief Information Security Officer (CISO). In this role, he is responsible for developing and maintaining the information security strategy and processes to safeguard the Company's information assets. The heads of all divisions (including legal, human resources, research and development, engineering, fab operations) are members of the Committee, enabling effective cross-divisional implementation of information security initiatives. The Corporate Security Division was also formed to be responsible for information security and physical security planning, related audit matters, and leading the operation of the EISC.

The EISC holds semiannual meetings to review information security risks and measures and strategies adopted by UMC, ensuring the adequacy, suitability and effectiveness of the Company's information security management system. The EISC reports to the board of directors on the effectiveness of the information security strategy annually. Board level "Sustainable Development and Nominating Committee" is dedicated to oversee information security-related matters, coordinate overall development of information security strategies, risk management, and operational execution. All members of the Committee are independent board directors, with the convener being Independent Board Director Jyuo-Min Shyu, who has relevant experience and professional background in cybersecurity. Mr. Shyu was the Minister of the Ministry of Science and Technology and the President of Cloud Computing & IoT Association in Taiwan, and led multiple information security projects such as the National Information & Communication Security Taskforce as Vice Chairperson and the IoT Information Security SIG (Special Interest Group) initiative.



Information Security Policy

UMC's information security policy, which is deployed in the Company and its subsidiaries, is based on the following principles: 1) Establish information security management systems that comply with regulations, international standards, and customer requirements, and continuously improve security measures. 2) Develop an information security culture and enhance employee awareness to ensure everyone understands their responsibility and actively participates in security practices. 3) Protect confidentiality, integrity, and availability of information belonging to UMC and our customers. 4) Implement multi-layer defense measures, monitor and respond to information security threats in real-time, and provide a secure production environment. 5) Strengthen information security incident response plan and procedures to ensure business continuity. 6) Require third parties (suppliers) to meet UMC's information security standards. The major information security objectives are aimed at antivirus, anti-intrusion and anti-leakage through the building of multiple internal controls such as firewalls, intrusion detection, and antivirus systems to enhance the Company's ability to defend against external attacks and to protect internal confidential information.

UMC has established a complete Information Security Management System (ISMS), from systems to procedures, to reduce information security threats to ensure compliance with customers' requirements. UMC also conducts continuous improvement through the Plan-Do-Check-Act (PDCA) cycle.

In the "Plan" phase, the Company focuses on information security risk management. The Company introduced ISO 27001 information security management system certification in 2007, so that information systems can be operated under standard management procedures to reduce security risk and production anomalies that may be caused by human error. Continuous improvement is then carried out through annual recertification. UMC completed the certification from ISO 27001:2013 to ISO 27001:2022 in 2025. By aligning with the newest international standard, the Company aims to ensure that its information security system can effectively respond to the current digital risk environment. The validity of ISO 27001 certificate is from March 10th, 2023 to March 9th, 2026. The Company also completed re-certification of ISO 27001 in January 2026. The new certificate is valid from March 10th, 2026 to March 9th, 2029, ensuring the continuity of certification.

In 2014, the Company decided to introduce ISO 15408 Common Criteria certification. The certification is specifically designed for secure production procedures not only in data receiving, processing and destroying, but also higher physical access control request for securing entire production line purposes. The current validity of ISO 15408 certificate is from March 19th, 2025 to May 10th, 2027. Please refer to the Company website for related certification information https://www.umc.com/en/Download/awards_and_certificates.

In the "Do" phase, the Company builds the multi-layer information security protection mechanism, continuously introduces new information security risk control technology, uses smart and automated mechanisms to improve the efficiency of various information security incident detection and response processing, and strengthens information security and cyber security protection procedures to protect of the Company's assets.

In the "Check" phase, the Company regularly monitors the effectiveness of information security management indicators. A third party reviews and audits the above-mentioned management system annually. Well-known information security vendors conduct penetration tests. All the aforesaid matters are made to ensure continuous improvement of information security management and defense capabilities.

In the "Act" phase, the Company focuses on review and continuous improvement. When employees and contractors violate information security related regulations and procedures, they will receive penalties accordingly. Information security education and training is implemented to enhance information security awareness.

Information Security Management Plan

The Company aims to achieve comprehensive information security protection. Based on the periodically identified information security risks, corresponding management and monitoring measures are formulated, and described as follows:

- Strengthen information security defense: To conduct vulnerability analysis and penetration tests (simulated hacker attacks) by third party annually, as well as reinforcements and repairs to reduce information security risks.
- Focus on business continuity: To establish a cybersecurity incident contingency plan and run drills at least twice annually to assess the impact and loss according to the severity of the incident, and to take necessary actions to escalate the situation and recover from the incident. To strengthen backup system with whole server full backups that not only back up data but also the operating system and applications, enabling speedy recovery of business operations in the event of incidents.
- Improve information security management procedures: To establish a corporate information security framework according to the National Institute of Standards and Technology standards and create corresponding metrics. To require employees to abide by information security regulations (such as strict control of mobile storage devices), follow the standard operating procedures, and implement the Plan-Do-Check-Act (PDCA) cycle for continuous improvement. To conduct internal audits of information security management systems twice annually to ensure the effectiveness of the related controls and the compliance with the regulations.
- Enhance network, endpoint and application security: To expand the deployment of Industrial Intrusion Prevention System (IPS) to detect and respond to network traffic, allowing for early detection and blocking of potential cyberattacks. To improve the detection of irregularities and incident prevention, including protocols such as application whitelisting and endpoint detection and response (EDR). To establish security orchestration, automation and response (SOAR) mechanism to improve the efficiency of escalating and taking actions of information security incidents. To implement the multi-factor authentication protection for host privileged account login. By implementing above protective measures, the Company aims to optimize overall information system and cyber security.
- Expand the application of intelligent technology: To quickly identify malicious attacks by using artificial intelligence (AI) and import the cyber threat intelligence into the information security defense system, and then using robotic process automation (RPA) to block attacks immediately. Employees can use AI Chatbot to obtain instant responses at all times, and to handle repetitive tasks and common issues automatically, further improving work efficiency. While introducing new technologies to improve operational efficiency, corresponding information security management measures are also established, such as using enterprise-specific computing spaces, encrypting data, and tracing logs, to achieve effective information protection. This makes emerging technologies a boost for the Company and demonstrates the Company's responding abilities.
- Comply with regulations and international information security certification standards: UMC complies with information security-related certifications and regulations such as ISO 27001, ISO 15408, ISO 22301, and Sarbanes-Oxley Act (SOX 404), serving as the basis for risk management and review. To ensure the system's ability to address emerging threats and maintain business continuity, an independent external audit of the information security management system is conducted annually by a third party in accordance with ISO 27001 requirements.
- Control information security risk: An enterprise risk management committee has also been established to promote the standardization to reduce operational risks. It systematically identifies, evaluates, and addresses information security risks to mitigate risks associated with production and operations. The Company is insured against information security breaches as one of the methods to minimize potential losses in the event of an incident.
- Deepen information security awareness: To provide company-wide information security education and training twice a year. Periodic social engineering phishing tests are conducted for all employees to assess their awareness and response to cyberattacks, thereby strengthening the organization's overall information security. A clear escalation process is established so that employees can promptly report suspected information security or cybersecurity incidents to the incident management center via email or telephone.
- Participate in information security task: In 2018, the Company joined the SEMI TAIWAN cybersecurity committee to develop equipment information security standards, contributing to a more secure operating environment for enterprises. Strengthen Cyber Threat Intelligence (CTI) sharing with partners such as cybersecurity vendors, Science Park Information Sharing and Analysis Center (SP-ISAC) to jointly defend cyberattacks and reduce cybersecurity risks.
- Deploy supply chain information security risk management: To participate in the Taiwan Chief Information Security Officer (CISO) Alliance to strengthen overall supply chain information security protection by developing industry standards through cross-enterprise alliances. To actively cooperate with the SEMI TAIWAN cybersecurity committee to promote semiconductor information security risk assessment services to suppliers, which introduce third-party risk posture and assessment, and tailor common questionnaires for the semiconductor industry, to provide industry benchmarking and increase efficiency in information security assessments.

Information Security Management Resource

Information security is important for the Company's operations. To manage information security, the Company has the following measures and resources in place:

- Dedicated manpower: The Corporate Security Division is responsible for information security planning, technology deployment and related audit matters to maintain and further strengthen information security.

- Certification: UMC pass audits for ISO 27001 information security certification and ISO 15408 site certification with no major findings.
- Operational maintenance: Dedicated budget resources are allocated to support the implementation and maintenance of various information security measures, as well as the physical protection and access control management of information security devices.
- Asset information security monitoring coverage: To adopt a multi-layered defense architecture to comprehensively enhance the breadth of cybersecurity protection from networks, endpoints, to application systems. Through diverse defense mechanisms, strengthen protection depth to achieve comprehensive asset information security monitoring coverage.
- Customer satisfaction: No complaints about customer data leakages.
- Education and training: All new employees completed information security training prior to onboarding; all employees have completed two online information security training and assessments per year; a total of four phishing tests were carried out during the year.
- Information security announcements: To display information security key notes in computer pop up message when logging in. To promote important regulations and precautions for information security protection irregularly.
- Supply chain: All existing and new contractors have completed required education and training about UMC's information security regulations. To explain the goal and determination of collaboratively building a resilient and secure supply chain to suppliers through the "2025 UMC Low-Carbon Supplier Award Ceremony".
- Information security insurance: UMC has purchased information security insurance since 2019, with an insured amount of US$15 million, as one of the measures to manage information security risks.

Loss from Major Information Security Incidents, Potential Impact, and Corresponding Response Measures

UMC had no major information security incidents in recent years, except for a Distributed Denial of Service (DDoS) attack on the Company's official website in 2024. DDoS is an attack in which hackers use compromised computers on the internet to launch an intensive and massive traffic and packet attack on the target, attempting to paralyze the target's network and servers. This led to slow access to the Company's official website, making it unable to provide normal services. This incident did not cause system infection, damage, intrusion, or data leakage, and had no significant impact on the Company's operations. When the incident occurred, the Company's information security team confirmed it as a DDoS attack and the affected area at once. They immediately blocked the attacking IP addresses through the security protection system, and activated traffic cleaning services. As a result, normal access to the official website was restored. The Company has established corresponding intelligent technologies, including traffic filtering, behavior analysis, Content Delivery Network (CDN), node distribution, and advanced cleaning centers, to detect and block malicious traffic, ensuring the provision of normal services and preventing service disruptions and data loss caused by attacks.

In short, the current security risks disclosed by UMC in this annual report should be supplemented with a well-known saying in the information security industry: "There is no such thing as 100% security." Cyberattack techniques are constantly evolving, and lags in defense systems expose the Company to risks. Successful defenses do not necessarily mean or guarantee that anomalies will not happen in the future. Enterprises must keep pace with the times to face the ever-changing and growing information security threat. Information security has a long way to go and requires continuous improvement. UMC will do its best to manage information security in order to provide customers with a secure manufacturing environment and to maximize value for shareholders.

Major Contracts

Development Collaboration

Contract Type	Contracted Party	Contract Period	Key Content	Restrictive Clause
Development Collaboration	Intel Inc.	Jan. 25, 2024~ Jan. 24, 2034	UMC and Intel announce a collaboration on a development of a 12nm semiconductor process platform	Duty of confidentiality

Patent and Technology Licenses

UMC values and protects intellectual property rights. With over 40 years of commitment to developing and securing semiconductor patents, UMC has achieved a predominant position in the semiconductor industry. UMC also enters into patent or technology license contracts with major semiconductor or technology patent holders to ensure that UMC's customers are not subject to the risk of wafer process infringement. The following are patent licensing contracts received and given by UMC:

Contract Type	Contracted Party	Contract Period	Key Content	Restrictive Clause
Patent cross-license	International Business Machines Corporation	Jun. 25, 2009~Jun. 30, 2029	Patent cross-licensing for semiconductor process, semiconductor device and semiconductor design.	None
Technology license	International Business Machines Corporation	From Jun. 29, 2012	IBM licensed its 20nm CMOS and FinFET technology to UMC.	None
Patent license	Conversant Intellectual Property Management Inc. & Conversant IP (Taiwan) Inc.	From Feb. 08, 2018	License for specific patents.	None
Patent cross-license	International Business Machines Corporation	Jun. 13, 2013~Dec. 30, 2035	Patent cross-license for semiconductor process, semiconductor device and semiconductor design.	None

Major Contracts (Continue)

Contract Type	Contracted Party	Contract Period	Key Content	Restrictive Clause
Technology license	Hejian Technology (Suzhou) Co., Ltd.	Jul. 11, 2013~Jul. 10, 2028	UMC licensed its 0.13um process technology to Hejian Technology (Suzhou) Co., Ltd.	UMC signed and implemented the contract in accordance with the scope approved by the Department of Investment Review, Ministry of Economic Affairs.
Patent cross-license	Katana Silicon Technologies, LLC	From Nov. 05, 2019	License for specific patents.	None
Technology license	United Semiconductor (Xiamen) Co., Ltd.	Apr. 01, 2017~ Mar. 31, 2032	UMC licensed its 28nm process technology to United Semiconductor (Xiamen) Co., Ltd.	UMC signed and implemented the contract in accordance with the scope approved by the Department of Investment Review, Ministry of Economic Affairs.
Technology license	United Semiconductor (Xiamen) Co., Ltd.	Nov. 23, 2018~Nov. 22, 2028	UMC licensed its 80/90nm process technology to United Semiconductor (Xiamen) Co., Ltd.	UMC signed and implemented the contract in accordance with the scope approved by the Department of Investment Review, Ministry of Economic Affairs.
Patent cross-license	Polaris Innovation Limited	From Mar. 20, 2020	License for specific patents.	None

Construction

Contract Type	Contracted Party	Contract Date	Key Content	Restrictive Clause
Construction	ECOVE Environment Services Corporation	From Jan. 2023	For building the solvent treatment facilities of Fab 12A in the Southern Taiwan Science Park, UMC signed construction contracts with the vendor listed in the second column. The total contracted amount exceeded NT$683 million.	None
Construction	L&K Engineering Co., Ltd., Mega Union Technology Inc. and others.	From Jan. 2021	For building the facilities of Fab 12A in the Southern Taiwan Science Park, UMC signed construction contracts with the vendors including but not limited to those major vendors listed in the second column. The total contracted amount exceeded NT$6.8 billion.	None
Construction	Gang-Wei Construction Ltd.	From Feb. 2023	For building the facilities of Fab 12A in the Southern Taiwan Science Park, UMC signed construction contracts with the vendor listed in the second column. The total contracted amount exceeded NT$905 million.	None
Construction	Gang-Wei Construction Ltd.	From Jun. 2022	For building the facilities of Fab 12A P5/6 WH in the Southern Taiwan Science Park, UMC signed construction contracts with the vendor listed in the second column. The total contracted amount exceeded NT$697 million.	None
Construction	Liying Environmental Protection Technology Co.,Ltd. ECOVE Environment Services Corporation	From Apr. 2024	For building the sludge treatment and waste solvent treatment facilities of Fab 12A in the Southern Taiwan Science Park, UMC signed construction contracts with the vendor listed in the second column. The total contracted amount exceeded NT$603 million.	None

Other Agreements

Contract Type	Contracted Party	Contract Date	Key Content	Restrictive Clause
Other	Chenya Power Co., Ltd., Holdgood Energy Co., Ltd	From Jan. 2024	For procuring the solar photovoltaic systems, UMC signed construction contracts with the vendors listed in the second column. The total contracted amount exceeded NT$5.39 billion.	None
Other	Fengmiao Wind Power Co., Ltd.	From Dec. 2024	For procuring the offshore wind power, UMC signed contracts with the vendors listed in the second column.	None

Review of Financial Position, Operating Results, Risk Management

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Financial Position

In Thousand NT$

	2025	2024	Differences	Differences(%)
Current assets	204,783,258	189,677,884	15,105,374	8
Property, plant and equipment	271,395,296	279,059,037	(7,663,741)	(3)
Intangible assets	4,742,876	4,154,315	588,561	14
Other assets	98,074,579	97,309,441	765,138	1
Total assets	578,996,009	570,200,677	8,795,332	2
Current liabilities	87,598,137	75,260,189	12,337,948	16
Non-current liabilities	111,542,432	116,755,484	(5,213,052)	(4)
Total liabilities	199,140,569	192,015,673	7,124,896	4
Capital	125,881,563	125,607,164	274,399	0
Additional paid-in capital	15,409,600	14,782,476	627,124	4
Retained earnings	232,882,973	226,848,505	6,034,468	3
Total equity	379,855,440	378,185,004	1,670,436	0

Analysis of change over 20% from 2024 to 2025:
None.

Financial Performance

In Thousand NT$

	2025	2024	Differences	Differences (%)
Operating revenues	237,553,199	232,302,584	5,250,615	2
Operating costs	(168,646,700)	(156,648,504)	(11,998,196)	8
Gross profit	68,906,499	75,654,080	(6,747,581)	(9)
Operating expenses	(26,947,690)	(25,365,419)	(1,582,271)	6
Net other operating income and expenses	1,989,879	1,323,909	665,970	50
Operating income	43,948,688	51,612,570	(7,663,882)	(15)
Non-operating income and expenses	5,699,018	4,607,143	1,091,875	24
Income from continuing operations before income tax	49,647,706	56,219,713	(6,572,007)	(12)
Income tax expense	(8,112,958)	(9,113,457)	1,000,499	(11)
Net income	41,534,748	47,106,256	(5,571,508)	(12)

Analysis of change over 20% from 2024 to 2025:

1. Net other operating income and expenses:
   Due to the increase in the amortization of deferred government grants.
2. Non-operating income and expenses:
   Due to the increase in share of profit of associates and joint ventures.

Cash Flow

Analysis of Cash Flow for the Year Ended December 31, 2025

In Thousand NT$

Cash at Beginning of Year	Net Cash Flow from Operating Activities	Net Cash Flow from Investing and Financing Activities	Cash at End of Year	Remedy for Liquidity Shortfall	
				Investment Plans	Financing Plans
105,000,226	99,864,187	(94,204,361)	110,660,052	-	-

Note: Net cash flow from investing and financing activities includes the effect of exchange rate changes of NT$(1,846,070) thousand.

Analysis of Cash Flow

1. Operating activities:
   Mainly came from the operation profits excluding the depreciation and amortization expenses.
2. Investing activities:
   Mainly used in acquisition of property, plant and equipment and financial assets measured at amortized cost.
3. Financing activities:
   Mainly used in payment of cash dividends and repayments of loans, which are partially offset by proceeding from bonds issued.
4. Remedy for liquidity shortfall:
   Not applicable.

Analysis of Cash Flow for Next Year

In Thousand NT$

Cash at Beginning of Year	Estimated Net Cash Flow from Operating Activities	Estimated Net Cash Flow from Investing and Financing Activities	Estimated Cash at End of Year	Estimated Remedy for Liquidity Shortfall	
				Investment Plans	Financing Plans
110,660,052	91,435,951	(72,951,711)	129,144,292	-	-

Major Capital Expenditures from Recent Years and Impact on the Company's Finance and Business

Execution Status of Major Capital Expenditures and Sources of Funding

In Thousand NT$

Project	Actual and Expected Sources of Funding	Total Amount for 2025 and 2024	Actual Capital Expenditures	
			2025	2024
Property, Plant and Equipment	Cash flows generated from operations, bank loans and issuance of bonds	136,288,491	47,744,896	88,543,595
Software and Right-of-use Assets	Cash flows generated from operations, bank loans and issuance of bonds	5,325,459	2,816,753	2,508,706

Based on aforementioned capital expenditures, in 2025 the ratio of production capacity from high-end processes of 40nm or below is above 36%, of which the production capacity for high-end 28nm or below has grown by 5% from the previous year.

Main Reasons and Improvement Plans for Recent Annual Reinvestment Policies and Profit or Loss, and Investment Plans for the Coming Year

UMC's investment policies are based on long-term strategic investments that match the Company's operations and development. Investment profit from equity method investments in 2025 was NT$2,418,230 thousand. The Company will continue to evaluate investment plans prudently under the aforementioned policy.

Risk Management and Evaluation

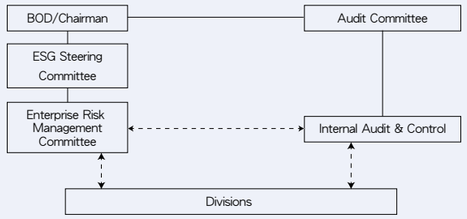
Enterprise Risk Management Policies

In order to maintain long-term stable operations, UMC actively conducts company-wide risk management through well-established management organizations and methods:

- Effectively preventing and controlling enterprise risks while simultaneously identifying potential opportunities.
- Comprehensively implementing controls and management procedures in daily operations.
- Shaping and deepening risk culture.
- Establishing complete and transparent risk communication with all stakeholders.



Enterprise Risk Management Structure and Operation



Under the guidance of the enterprise risk management policy, the Enterprise Risk Management Committee is responsible for coordinating relevant divisions to identify internal and external risks for the Company. The Committee identifies key risks and formulates countermeasures in the four major areas of strategy, operation, finance and hazards, including important risks related to environmental, social and corporate governance issues of the Company's operations, assesses the likelihood of occurrence and severity, defines the priority and risk level of risk items, and initiates response plans for major risk items. Periodic reviews of risk items are conducted to identify changes in risk levels and to ensure the effectiveness of risk management plans and related control operations, and seize the business opportunities associated with risks to formulate company development strategies.

The Enterprise Risk Management Committee reports to the ESG Steering Committee to ensure consistency with the Company's sustainability strategy. The ESG Steering Committee, overseen by the Sustainable Development and Nominating Committee of Board-level (composed of 6 independent directors), reports to the Board of Directors at least once a year to align with the risk management policies and report on risk management results. UMC also incorporates internal audit and internal control functions to ensure that the risks associated with operations are effectively managed.

Future R&D Projects and the Estimated R&D Expenses

In 2026, R&D expenses are expected to be 6% to 9% of operating revenue, which will be subject to global market and the Company's actual operation conditions.

Major R&D Projects in Progress

Latest Annual Project	Current Progress	Time of Mass Production	Key Success Factors for Future R&D
12nm process technology	UMC and Intel are collaborating in the United States to develop a 12nm FinFET process technology platform (12FFC). The progress is advancing steadily . This collaboration leverages the strengths of both parties to shorten process development time and achieve mass production capacity. Process verification is expected to be completed in 2026, and production will begin in 2027.	Enter production in 2027	• Customer product design verification and yield reached mass production levels and performance meets product design targets.
14nm process technology	The 14nm FinFET focuses on embedding the 25V high-voltage process, combined with the 14FFC (14nm FinFET Compact) process technology that has entered mass production . Currently, this project has entered the FDK construction phase and is expected to complete process development and pass verification in 2026, and officially enter mass production in 2027.	2027	• Customer product design verification and yield reached mass production levels and performance meets product design targets.
High voltage display driver IC process technologies	The 28nm high-voltage, low-power process (28eHV-LP) focuses on medium-sized panel applications this year, with target products including tablets and notebook computers. The newly developed 9V medium-voltage devices already meet the industry's new stacked OLED specifications, and the next phase will offer different I/O options to further enhance the platform's competitiveness.	2027	• Based on UMC's world-leading high-voltage process technology, we collaborate closely with advanced panel manufacturers. By staying abreast of market and R&D trends, we develop new devices, accelerate product verification, and maintain UMC's forward-looking and leading position in the driver IC field.
Power management IC process technologies	In addition to expanding the development of 36V and 40V devices to provide customers with more diverse options, UMC focuses on completing the development of the 12-inch 55nm BCD NonEpi technology platform this year for application in power management ICs (PMIC) required for mobile electronic products. The first phase of device development and design rules is expected to be released in the second half of 2027.	2026	• Rich experience in technology development. • Good customer relations and market orientation.

Risk Management and Evaluation (Continue)

Latest Annual Project	Current Progress	Time of Mass Production	Key Success Factors for Future R&D
RFSOI process technologies	40RFSOI mmW technology will be mass-produced in 2026. 40RFSOI-FR3 technology targeted for FR3 frequency bands antenna tuners has been verified, and customer prototype design is expected to begin in 2026. 22RFSOI is under development, preparing for market applications above 40GHz. The 3DIC solution for the RFSOI platform has also been developed and is available for customer prototyping.	2026	• Cooperating with customers to create a win-win situation. • Completing IP verification on time. • Quality verification is in compliance with customer requirements.
Compound semiconductors	In the field of power devices, we will enter the mobile phone battery management system market. In the RF device sector, we will further develop power amplifiers with lower resistance, higher performance, and lower voltage. Regarding power devices, we will reduce hard-cut dynamic resistance to meet the requirements of industrial-grade applications.	2026	• Cooperating with customers to create a win-win situation. • Completing IP verification on time.
Advanced packaging technologies	In terms of horizontal integration, UMC will develop multilayer metal route and deep trench capacitor platforms on silicon interposers. For vertical integration, UMC plans to develop multi-wafer-level hybrid bonding stacking technology. Furthermore, UMC also plans to develop TSV-Last technology, which will realize smaller silicon via sizes.	2027	• Cooperating with customers to create a win-win situation. • Vertically integrate the upstream and downstream ecosystems. • Quality verification meets customer needs. • Major trend market-oriented applications.
Silicon photonics technologies	UMC is collaborating with several customers to advance the 12-inch silicon photonics platform, integrating 3D packaging modules to expand into co-packaged optics (CPO). UMC also work with several vendors to build optical metrology systems, preparing for mass production. The 8-inch silicon photonics will be integrated with TFLN to realize a hybrid photonic integrated circuit (Hybrid-PIC), and start risk production is expected to begin in Q2 2027. Moving forward, UMC will continue to develop highly integrated system architectures such as co-packaged optics and optical I/O, helping Taiwan maintain its leading position in global data transmission technology.	2027	• Actively collaborate with customers to achieve mutual benefit and win-win results. • Promote vertical integration of silicon photonics systems to enhance industry competitiveness. • Strictly implement quality verification to fully meet customer needs. • Master industry development trends and focus on market-oriented applications.

Note: The projects above account for around 70% to 80% of the total annual R&D expenses in the year. The actual time of mass production is subject to the market and customer demand.

UMC has been constantly strengthening its independent R&D and fabrication capabilities. Going forward, UMC will continue to be dedicated to the R&D of logic and specialty processes. The Company will adhere to its R&D strategy to establish independent R&D capabilities and will work with important partners, such as IDM and fabless companies, to develop key process technologies through technology licensing. UMC will also work with suppliers of photomask, packaging, equipment, material, and EDA to speed up the market launch schedule in order to fulfill the Company's promise to provide customers with R&D of key processes. In terms of independent R&D capabilities, UMC's focus is on recruitment and cultivation of talent in order to build an outstanding R&D team. The 12-inch R&D production line will continue to be expanded in the R&D Center located in Southern Taiwan Science Park with sufficient funds for enriching the overall R&D resources.

In terms of FinFET process technologies, UMC's self-developed 14nm FinFET compact process technology platform (14FFC) for mass production has exceeded 90% of yield rate. Moreover, the development of 14FFC Radio Frequency (RF) solution has been completed to expand the product application scope to include logic, analog, mixed-signal, RF technology, for the 5G communications, Internet of Things (IoT), mobile devices and other fields. Currently, UMC is actively developing a 12nm FinFET compact (12FFC), which has significantly improved performance compared to 14FFC. It has the advantages of high performance, lower power consumption, smaller circuit chip area and competitive cost, and can be widely used in various semiconductor products. The market is very optimistic about the potential of the 12nm process. The current collaboration with Intel to manufacture the 12nm FinFET process in the United States is progressing smoothly. This collaboration leverages the strengths of both parties to shorten process development time and achieve mass production capacity. Process verification is expected to be completed in 2026, with production commencing in 2027.

The low temperature polycrystalline oxide (LTPO) OLED panel driver chip products using 28nm high-voltage 27V process technology have entered mass production. The 28nm high-voltage, low-power process (28eHV-LP), designed especially for smartphone AMOLED driver chips, entered mass production in 2024. Subsequent research and development will focus on medium-sized panel applications, with target products including tablets and notebook computers. There are plans to develop new 9V medium-voltage devices to meet the industry's new stacked OLED structure needs. The first phase of 9V medium voltage will be completed by the end of 2025. The next phase will offer different I/O options, developing 1.8V for Korean panels and 1.2V for Chinese panels, expanding the platform's application range. Combined with photomask and ion implantation integration, the platform's competitiveness will be further enhanced. While the 22nm high-voltage 25V process technology of LTPO OLED driver chip has entered mass production in 2023. Moreover, the 14nm FinFET technology also focuses on the development of a platform for embedding 25V high-voltage processes, integrating high-voltage device processes with the already mass-produced 14FFC (14nm FinFET Compact) process technology. Compared to the 22nm and 28nm high-voltage process technologies, the performance of the 14nm FinFET embedded high-voltage process technology offers substantial advancements, including reduced chip sizes, lower power consumption, and enhanced competitiveness. The 14nm FinFET embedded 25V high-voltage process platform has entered the FDK (Foundry Design Kit) establishment phase, and is expected to complete process development and verification in 2026, with mass production commencing in 2027.

In terms of power management ICs (PMIC) process technology, the development of the next-generation customized PMIC for mobile phone has completed product validation and pre-mass production verification. The next stage will focus on device performance and process optimization to further optimize product power efficiency and product competitiveness.

Risk Management and Evaluation (Continue)

Following the successful mass production of 0.11μm BCD (Bipolar-CMOS-DMOS) technology, 0.11μm BCD technology platform combined with embedded non-volatile memory has completed the automotive component model and design manuals, and also completed the development of automotive IPs. For the development of the new 0.11μm BCD 3.3V application platform, the first phase has completed the FOK establishment for <20V devices and entered the customer design finalization and verification stage. The second phase will continue the development for 20V~30V devices, and adds the development of 36V and 40V components to provide customers with more diverse choices and enhance their competitiveness. It is expected that the process development will be completed and verified in 2026, and mass production will begin in 2027. To align swiftly with our customers' future product plans, we are developing technology platforms and optimizing devices to ensure our solutions meet market demands while sustaining our competitive advantage. This year, UMC will accelerate the development and verification of devices using its 55nm BCD epitaxial (BCD-Epi) process, with final design specifications expected to be completed by the end of 2026 for application in power management ICs (PMIC) required for mobile electronic products. Furthermore, in response to the increasingly competitive mobile device power management (PMIC) applications, UMC is also planning a second-generation BCD non-epitaxy process (BCD-NonEpi Gen2) technology roadmap. The first phase of device development and design specifications is expected to be released in the second half of 2027. Compared to the first generation, the second-generation non-epitaxy process (BCD-NonEpi Gen2) offers advantages such as higher efficiency and smaller device area, providing superior performance to meet the future power management market demands of mobile devices.

The 40nm non-volatile memory eFlash has entered mass production. The 28nm embedded super flash memory (ESF4) has completed the verification of generic and IoT microprocessors, and is expected to meet the needs of the Internet of Things (IoT). UMC continues to develop more competitive eFlash IP, achieving smaller footprint, higher speed, and providing high-voltage 5V IO to meet customer design needs. The 40nm Resistive Random Access Memory (RRAM) has entered mass production, while the 22nm RRAM technology platform has also completed the verification of generic and IoT microprocessors, and is expected to be applied in AIoT related products. UMC continues to develop the smallest memory unit cell on the market, and also incorporates a higher voltage 5V I/O design to meet the specifications of the automotive and card markets. UMC also plans to launch a 22nm RRAM with the highest endurance of 100,000 cycles on the market. In the 22nm eMRAM (Embedded Magnetoresistive Random Access Memory) process platforms development, the 22nm high- density 1Gb HDMRAM product, to be applied in aerospace/LEO satellite communications, has successfully entered trial production.

Well experienced in the production and manufacturing of various MEMS devices and based on the current and upcoming MEMS market requirements, UMC has established a series of fundamental MEMS process building blocks to help customers quickly construct MEMS structures in a CMOS foundry fab and to introduce a variety of MEMS devices to market.

UMC's Radio Frequency Silicon on Insulator (RFSOI) process technologies satisfy the strict requirements of all 4G/5G mobile phones for RF switches. Following the 55nm RFSOI process mass production that meets the needs of the 5G sub-6 GHz market. The fully qualified 40nm RFSOI millimeter wave (mmW) technology is now in the prototyping stage, with production expected in 2026, while new features, such as high-performance power amplifier devices, are currently under development. The 40RFSOI- FR3 technology for frequency range 3 (FR3) band antenna tuners has been validated, and customer prototyping is expected to begin in 2026, meeting the needs of performance-oriented customers. The 22RFSOI is also under development, preparing for future applications in markets above 40GHz. The 3DIC solution for the RFSOI platform has also been developed and is available for customer prototyping, meeting the needs of area-sensitive customers. For cost-sensitive customers, a 55nm RFSOI enhancement solution is offered.

Compound semiconductor gallium arsenide (GaAs) devices, combined with the SAW filter integration solutions for existing HBT power amplifiers and existing RFCMOS Switch and LNA technologies, provide mobile phone radio frequency front-end module and WiFi6/7 communication module integrated manufacturing solution. The Company will continue to develop gallium arsenide pHEMT technology suitable for the 5G mmWave base stations and Ka/Ku-band low-orbit satellite receiver chips. Moreover, in terms of wide bandgap GaN technology, the technology will be applied to mobile phone battery management systems in the field of power devices, with customer product verification expected in 2027. Starting in 2026, further research and development will be conducted on (1) RF devices: next-generation RF devices with lower resistance and better performance, and further development of lower voltage (5~12V) power amplifiers. (2) power devices: reducing hard-cut dynamic resistance to meet the needs of industrial-grade applications. In addition to the existing 6-inch products, R&D and technology transfer of 8-inch products will also launch.

UMC is actively developing advanced packaging technologies. In terms of horizontal integration, to support the integration needs of next-generation high-bandwidth memory and improve power and signal integrity for high-frequency computing, UMC will develop multi-layer metal routes and 1500nF/mm² and 2000nF/mm² deep trench capacitor platforms on silicon interposers. Design finalization and risk production are expected by the end of 2026. In terms of vertical integration, UMC plans to develop multi-wafer-level hybrid bonding stacking technology. Compared to double-wafer stacking, multi-wafer stacking can meet customers' needs for increased capacity in customized high-bandwidth memory and can be applied to AI language models and Computing-in-Memory, CIM. Risk production is expected to begin in 2027. In addition, UMC also plans to develop TSV-Last technology, which, compared to TSV-Middle, can achieve smaller silicon vias, helping customers design products with higher I/O counts per unit area. The design is expected to be finalized in 2026.

In response to the urgent demands of the AI era for high-performance computing and ultra-high bandwidth, low latency, and high energy efficiency in data centers, UMC is actively upgrading its 12-inch silicon photonics technology to a 12-inch silicon photonics platform. This platform is being combined with 3D packaging modules to expand into advanced application areas such as co-packaged optics (CPO). UMC is collaborating with multiple customers to drive platform development, with further design finalization expected in April 2026, followed by risk production to continuously enhance technology maturity. Furthermore, UMC is also working with several vendors to build an optical metrology system, with completion expected in 2026, fully preparing for mass production of 12-inch silicon photonics technology. In addition, regarding 8-inch silicon photonics special materials – TFLN, the TFLN Optical Modulator (TFLN-OM) and Lithium Niobate on Insulator (LNOI) wafer layer transfer will be completed by the end of 2026 to realize a hybrid photonic integrated circuit (Hybrid-PIC). This will be used in 800Gbps or 1.6Tbps to 3.2Tbps pluggable devices, and risk production is expected to start in Q2 2027. Looking ahead, UMC will continue to develop highly integrated system architectures such as co-packaged optics and optical I/O, committed to providing high-bandwidth, low-power, and highly scalable optical interconnect solutions for data centers and across data centers, helping Taiwan's semiconductor industry maintain its leading position in the global next-generation data transmission technology field.

In order to control the technology and development schedule to fulfill the promise of customer market launch, UMC will continue with its independent R&D strategy, adhere to a customer-first philosophy and integrate external R&D resources. The Company will also accelerate R&D, expand production capacity and enhance its revenue mix of key processes so that higher profits can be created in order to respond to the challenges resulting from constant technology evolvement.

Risk Management and Evaluation (Continue)

The Impacts of Interest Rates, Foreign Exchange Rates and Inflation on Corporate Profitability and Future Countermeasures

Interest Rate Fluctuation

The bank loans of the Company are floating rate debts. Therefore, changes in market interest rates will result in fluctuations in future cash flows. Based on bank loans as of December 31, 2025, if the interest rate increases/decreases by 10 basis points, the Company's net profit for 2025 will decrease/increase by NT$ 22,741 thousand. In order to reduce interest rate risk, the Company continues to monitor changes in market interest rates. Besides bank loans, the Company also utilizes various financing instruments. To support operating needs, the Company will take advantage of long-term debts with favorable fixed rates depending on market conditions.

Foreign Exchange Rate Fluctuation

The Company's exposure to the risk of changes in foreign exchange rates relates primarily to the Company's operating activities (when revenue or expense is denominated in a different currency from the Company's functional currency) and the Company's net investments in foreign subsidiaries. Based on a risk analysis of the assets and liabilities denominated in foreign currencies as of December 31, 2025, when the NT dollar strengthens/weakens by 10 percent against the US dollar, the Company's net profit for 2025 will decrease/increase by NT$ 533,745 thousand. On the other hand, when the Chinese Yuan strengthens/weakens by 10 percent against the US dollar, the Company's net profit for 2025 will decrease/increase by NT$ 175,139 thousand. When the Japanese Yuan strengthens/weakens by 10 percent against the US dollar, the Company's net profit for 2025 will increase/decrease by NT$ 205,617 thousand.

The Company applies natural hedges on the foreign currency risk arising from purchases or sales denominated in foreign currencies, which means balancing the assets and liabilities denominated in foreign currencies to reduce the impact from fluctuation in foreign exchange rates. The Company may use derivatives, such as currency forward contracts, to partially hedge foreign currency risks associated with certain highly probable transactions. These hedges will offset only a portion of, but do not eliminate, the financial impact from changes in foreign exchange rates. Furthermore, as net investments in foreign subsidiaries are for strategic purposes, they are not hedged by the Company. The Company continues to monitor the changes in foreign exchange rates in order to respond promptly to any significant fluctuation.

Inflation

The inflation status in 2025: Although Russia-Ukraine war and Trump's tariff war continue, the global supply chain pressures continue to ease, and has led to a decrease in the consumer price index (CPI) in Taiwan, with a yearly growth rate of 1.66%, slightly lower than the previous year. It has been slowing down for three consecutive years. The overall consumer prices remained stable, and did not have a significant impact on the Company's operations.

Policies for High-Risk and Highly Leveraged Investments, Lending, Endorsements, Guarantees for Other Parties, and Financial Derivatives Transactions, Main Reasons for Profit and Loss, and Future Countermeasures

The Company has not engaged in any transaction of high-risk or highly leveraged investments. Any financial derivatives transaction is to enhance the Company's operating performance, and to reduce operating and financial risks.

The Company has established "Loan Procedure," "Endorsements and Guarantees Procedure," and "Financial Derivatives Transaction Procedure" in compliance with the relevant rules and regulations issued by the Financial Supervisory Commission. These internal procedures serve as the basis for the Company to enter into transactions mentioned above. The Company has announced and reported these transactions, and has also established a registration book in order to review these transactions regularly. If necessary, measures will be taken to control financial risks.

Impact and Corresponding Measures of Major Domestic and International Policy and Legal Changes on UMC's Finances and Business

UMC complies with national and applicable international laws. The Company's relevant divisions keep abreast of major policy and legal changes at all times. UMC adjusts its internal systems and business activities accordingly to ensure the smooth operation of the Company.

Impact of Changes in Technology and the Industry on the Company's Financial Results

The Company places significant importance on the dynamics of the semiconductor industry and continues to invest and develop semiconductor manufacturing process technology and know-how. In order to accelerate the development of logic and specialty technologies, optimize transistor performance, reduce power consumption, and continuously enhance our technical advantages, UMC invested a total of NT$17.7 billion in research and development in 2025. At the same time, the Company is also actively working with external academic and government institutions to develop new process technologies for next generation product applications to diversify the Company's process technology offerings. The Company invested approximately US$1.6 billion in capital expenditure during 2025. The Company expects these investments will increase customer adoption of our process technologies and grow UMC's market share. UMC will strive to enhance its operations and preserve the best interests of its shareholders.

Financial Impact of Information Security Risks and Corresponding Response Measures

According to the "Global Cybersecurity Outlook 2025" published by the World Economic Forum, it highlights that escalating geopolitical tensions, rapid advancements in AI and emerging technology, increasing regulatory requirements, and huge cyber skills gap, all contribute to the growing complexity of cybersecurity challenges. Insufficient defense against cyberattacks may not only expose the Company to the risks of data leakage and ransom threats, but may also interrupt production system, causing serious operating losses or even damaging the reputation of the Company. Many international and well-known companies have encountered serious losses due to the ransomware attacks. Facing the ever-changing and diverse external threats, it is critical for the Company to strengthen corporate information security with available resources.

In 2018, UMC established the Enterprise Risk Management Committee to coordinate and collaborate with key internal risks management organizations to manage internal and external risks. According to the Enterprise Risk Management Committee management procedure, the Company assesses the risk level of information security items, takes response actions, and regularly reviews effectiveness of those actions.

Risk Management and Evaluation (Continue)

UMC has a complete, multi-layer defense mechanism including firewall, intrusion detection, antivirus system, vulnerability scanning, patch management procedure and penetration testing. In 2025, UMC engaged a third-party professional security company to provide guidance of introducing the updated NIST Cybersecurity Framework (NIST CSF 2.0). Based on its six core functions, this initiative aims to comprehensively strengthen the lifecycle management of cybersecurity risks, enhancing the robustness and effectiveness of overall cybersecurity capabilities.
Informational security threats are intensifying and have caused business interruptions for companies in Taiwan and around the world. Even if an enterprise has adequate defense in place, there is no guarantee that it will not become the target of an attack. UMC has purchased information security insurance since 2019 as one of the measures to mitigate information security risks. This insurance has been in effect since January 2019 with a retroactive option that can trace back stealth threats existing in the enterprise before the effective implementation date. The insurance amount is US$15 million and covers the Company and its subsidiaries.

The Impact of Corporate Image Change on Corporate Crisis Management and Response Measures

UMC's business philosophy is based on the company's sustainable operation and long-term partnership with customers and stakeholders. The company holds regular briefings to institutional and individual shareholders to confirm our commitment to financial transparency. The company also actively engages in community activities to fulfill our responsibility as a member of society. In the event of emergencies and crisis, UMC possesses relevant plans, procedures and trained personnel to safeguard our business operations and the welfare of our stakeholders.

Expected Benefits, Possible Risks and Response Measures for Mergers and Acquisitions

With a global customer base and in light of the impact of the geopolitical tension and the rise of protectionism in various countries, the trend toward localization in the semiconductor industry has become increasingly prominent. Given the Company's business philosophy of continuously improving the quality of service to customers, UMC understands the importance of satisfying customer needs and providing local services. At the same time, UMC also recognizes that the Company can take advantage of the increased economies of scale and enhanced operational efficiency through mergers and acquisitions (M&A).

The main possible risk of cross-border M&A lies in the integration and compliance of local regulations with those of the country where the target company is located, as well as any applicable regulations in other countries, and whether production synergy following mergers and acquisitions can meet expectations. If, for some reason, the M&A cannot be successfully completed or is unable to achieve the operational synergy target, it may affect the company's overall operating performance and even its long-term growth strategy.

To address these challenges, UMC has established a dedicated organization responsible for planning and executing M&A related activities, with a view of successfully completing equity purchases and fully realizing operational synergies. At the same time, the company actively plans for future sustainable business strategies with ongoing goal of maximizing the interests of all shareholders. Therefore, UMC strives to meet the requirements of regulators when executing equity purchases or M&A plans. In addition to thorough planning and extensive consultation in advance, we also consult professionals from relevant countries on the local merger mechanism. To facilitate operational efficiency, the company recognizes cross-cultural differences and quickly establishes effective communication channels to build trust with the employees and customers of the acquired company; reconciles the operation process and calibrates the quality management system to smoothly port new processes and new products; plans an expert team to promote benchmarking; and introduces best practices to maximize overall operating efficiency.

Risk of Excess Capacity from Fluctuating Economic Conditions

The Company increases its production capabilities through fab expansion in order to accommodate more customer orders, thus providing the means to increase revenue, profits and market share. When production capacity reaches economies of scale, manufacturing costs can be dramatically reduced. However, the significant potential for fluctuations in the semiconductor industry economic cycle creates financial risk, as any excess capacity due to softening demand still must be accounted for under depreciation of plants and equipment. This risk would be considered a burden to the Company.
The Company's capacity expansion is the result of deliberate capital expenditure plans, which focus on satisfying customer needs while optimizing capital utilization. Disciplined capital expenditure can help to develop a healthy industry environment.
The Company has set forth the Capital Budget Committee from 2013, comprising members from the Company's independent directors. The Committee's goals include review of the Company's capital expenditure budget, with the intent to strengthen long-term corporate strategy, financial planning, and business performance.

Risk and Response Measures of Procurement Concentration

Risk of material shortage: insufficient production capacity, accident in the factory, natural disaster, and trade conflict are some examples which could result in material shortage.
Risk avoidance approach: currently UMC adopts a supplier self-management model, in that these materials are stored in the Company and suppliers' warehouses near UMC fabs. The safety inventory level is increased to meet emergency demand and to shorten the emergency response time in order to effectively reduce material shortage risk. The Company's operation regulations are formulated according to the four subjects of "Risk Assessment Operation," "Operational Impact Analysis Operation," "Accident Response and Operation Sustainability Plan" and "Emergency Material Procurement Operation."
In addition, UMC has established alternative suppliers and regularly implements evaluations of supplier capabilities, flexibilities and natural disaster risk mechanisms that correspond to the production site. Currently, there is no high-risk incident. In the event of an emergency, the emergency response mechanism will be activated and managed in accordance with the "Accident Response and Operation Sustainability Plan" and "Emergency Material Procurement Operation."

Risks of Sales Concentration and Response Measures

In 2025, the top ten customers accounted for approximately 57% of the revenue. To mitigate the potential risks associated with customer concentration, UMC leverages its customized specialty technologies and optimal solution developments, aiming to expand its customer base. The Company continues to optimize product portfolio and implement flexible capacity allocation, in order to diversify the risk associated with sales concentration. UMC remains committed to establishing long-term partnerships with leading customers across various application segments, leveraging mutual competitive advantages to ensure UMC's stable and sustainable growth.

Risk Management and Evaluation (Continue)

Risk of Change of Control and Stock Price Fluctuation from Large Scale Transfer of Shares

If the Company's directors or major shareholders holding more than 10% of issued and outstanding shares transfer a significant portion of their shareholding in the Company, then a change of control may occur. Furthermore, such transfer may give rise to investors' concerns on the operation of the Company and may cause the market price of the Company's shares to fluctuate.
The share withholding status of the Company's directors and managers have been reported based on official regulations and laws. Meanwhile, there has been no significant share transfer activity.

Risk of the Company Losing One or More Key Personnel without Adequate Replacement Due to any Change of Company Control

UMC's future success depends to a large extent on the continued service of the Company's chairman and key executive officers. If the chairman or key executive officers leave their positions as a result of a change in Company control, and qualified replacement personnel cannot be found and integrated in a short period of time, operations may be adversely affected.
The Company's management focuses its operations with the intent to maximize value for its shareholders, thus gaining their trust and recognition. If there were a replacement of management, the succeeding personnel would have to recognize the Company's corporate culture, be qualified to assume professional duties, and be able to execute the Company's policy.

Litigation and Non-Litigation Incidents

During the ordinary course of operations, we may encounter certain disputes arising from business transactions or contractual relationships. These matters are considered routine events in the ordinary course of business and are assessed and addressed in accordance with our internal control and compliance procedures. As of the date of this Annual Report, these disputes have not had any material adverse impact on our financial position or operating results, nor are there any other material litigation or non-litigation matters required to be disclosed by applicable laws and regulations.

Risks Relevant to Intellectual Property

UMC values technology development and respects intellectual property rights, hence UMC develops independently to acquire intellectual property rights actively and devotes itself to protecting its and its business partners' intellectual property rights. Although UMC dedicates itself to enforcing and protecting intellectual property rights, it cannot completely prevent its intellectual property rights which strongly related to UMC's business, such as process, technology, software, trade secrets, or know-how from being infringed or misused by third parties. In addition, responsibilities for some of the infringements of intellectual property rights are strict liability and require no finding of mens rea or intent, so when UMC independently develops the process, technology, software, trade secrets or know-how required to engage in business, it may infringe on third parties' intellectual property rights unknowingly. Therefore, UMC may need to obtain technology or patent licenses from third parties on reasonable terms. However, if UMC cannot obtain the technology or licenses on reasonable terms, it may be accused of intellectual property infringement by third parties or even receive an injunction granted by the court on third parties' motion for injunctive relief, thereby jeopardizing UMC's abilities to perform business contracts and eventually leading to breach of contracts.
UMC's ability to compete also depends on its ability to operate without infringing on third parties' intellectual proprietary rights. As is the case for many companies in the semiconductor industry, UMC from time to time receives letters from third parties asserting and alleging infringement of some intellectual property rights of their technology. Due to the rising of active Non-Practicing Entity (NPE), UMC expects to receive similar letters in the future. Irrespective of the validity or the successful assertion of such claims, UMC could incur significant costs and management resources for defending these claims, which in turn could seriously impair UMC's business and operation.
In order to minimize the liabilities arising from third parties' claims alleging UMC's manufacturing of semiconductor devices or designs of UMC's customers' end products infringe on third parties' intellectual property rights, generally, UMC accepts orders only from companies with satisfactory reputation and for products without potential infringement risks. Furthermore, UMC also obtains indemnification rights from customers and equipment vendors to hold UMC harmless from any damages resulting from any suits or proceedings brought against UMC alleging UMC infringes third parties' intellectual property rights by manufacturing products for customers or using equipment supplied by vendors.

Risk of Climate Change

The risk of climate change may negatively affect UMC's business operation

UMC actively focuses on the new business operational concern of climate change. UMC has developed the UMC Climate Change Risk Assessment methodology based on the Sixth Assessment Report (AR6), which is published by the Intergovernmental Panel on Climate Change (IPCC), and the government's downscaling scenario projection for identifying potential physical hazards under climate change situation, and the carbon emission and temperature rising scenarios in World Energy Outlook (WEO) published by International Energy Agency (IEA) and scenarios in Nationally Determined Contributions (NDCs) to identify transition risks such as policy and regulation, market, reputation, legal (including litigation), technology risk. The Climate Change Risk and Opportunity Working Group will conduct assessments every year. The assessment result and related countermeasures will be submitted to the Corporate Sustainability Committee for approval and implementation. The global carbon risk will not only bring rising manufacturing and transportation costs due to increased prices for petroleum and electricity, but will also directly impact the economy and the operation of enterprises from the perspectives of energy tax, carbon tax, carbon border tax, and stringent environmental laws and regulations, and lead to additional investment costs. UMC has actively implemented measures in response to mitigate the impact caused by climate change. For example, to reduce the emissions from fluorinated greenhouse gases used in wafer foundries, UMC was the first in the industry to complete a two-phase fluorinated greenhouse gases replacement plan for all its fabs (by replacing C_2F_6 with C_3F_8 and C_3F_8 with C_4F_8) in order to greatly reduce greenhouse gas emission and the impact of global warming. In the meantime, UMC supported the EPA early reduction project and acquired a carbon reduction allowance, thus successfully turning risk

Risk Management and Evaluation (Continue)

into competitiveness. Facing the issues of global climate change and the management of energy and greenhouse gases, UMC has been actively drafting environmental protection objectives through various stages and aspects and developed specific implementation plans for gradual promotion.

National energy conservation and carbon reduction policies increase corporate operation and investment costs

In order to reduce the carbon emission, governments around the world have taken various proactive actions to constraint or strengthen energy conservation and carbon reduction effort of enterprise. Singapore government has imposed carbon tax since 2019, and announced the carbon price per ton will be raised gradually. (The price in Singapore is S$25/ton CO_2e currently, and it will be gradually raised up to S$50~80/ton CO_2e in 2030.) In Taiwan, the Ministry of Environment (MOENV) announced the "Fee-Charging Rates of Carbon Fees" in 2024. The standard carbon fee rate is set at NT$300/ton CO_2e for general entities subject to the carbon fee. The preferential carbon fee rate A is set at NT$50/ton CO_2e for entities with a self-determined reduction plan that meets the industry-specific designated reduction rate. The preferential carbon fee rate B is set at NT$100/ton CO_2e for entities with a self-determined reduction plan that meets the technology benchmark designated reduction rate. These rates took effect on January 1, 2025. The impacts on UMC include an increase in operating and investment costs. In 2025, UMC's self-determined reduction plan was reviewed and approved by MOENV, achieving the preferential carbon fee rate A. For details, please refer to the contents of UMC Sustainability Report.

Disaster Risk Management

As a leader in the semiconductor fabrication industry, UMC is fully aware of the impacts of natural disasters and man-made accidents on production and operation. Therefore, UMC has always faced disaster risk management with an active attitude of prevention management, and pursues the highest safety standards within the semiconductor industry through stringent risk engineering control and implementation management of safety regulations and standards.

Fire Safety

UMC complies with international standards of the US Factory Mutual Insurance Company (FM), Underwriters Laboratories Inc. (UL), the US National Fire Protection Association (NFPA) and the Semiconductor Equipment and Materials International (SEMI) on risk control and improvement activities of building construction, production equipment, and facilities. All UMC fabs are equipped with automatic sprinkler protection system, and the frequency of inspection/test is included in the Company's specific requirements. In addition, for internal and external incidents and emerging risks such as solar panel, lithium battery, and electric vehicle, a task force has also been set up to analyze potential hazard factors, identify fire risk and improve critical available mitigation actions continuously, such as purchasing new type of fire extinguisher exclusive to lithium battery and fire blanket as salvage tools, conducting practical drill to enhance employees' response skill. Furthermore, UMC actively collaborates with the local fire department to conduct simulated emergency response drills, thereby enhancing coordination and joint response capabilities. UMC is the only company in the semiconductor industry that has its own full-time fire brigade equipped with government-grade fire trucks and rescue equipment. In addition, UMC volunteer firefighter even regularly receive professional training from external fire scenes and have actual disaster relief capabilities.

Protection Against Natural Disaster

UMC Taiwan and Japan production sites are located at the Pacific seismic zone, the threat of earthquakes from disrupting production cannot be underestimated. At the preliminary stage of fab construction, the earthquake-resistant requirements are integrated into the design criteria of buildings, facilities, pipelines and production equipment. UMC has continued to introduce new seismic protection technologies, including anti-earthquake damper for buildings and seismic isolation platforms for reticle stocker and furnace and the establishment of an onsite earthquake early warning system for further enhancement of personal safety and reduction of risks associated with losses of machine and equipment due to earthquake. "Supply Chain Risk Management Platform" has already been developed in recent years to manage supply chain impacts and responses immediately within 24 hours after an earthquake.

Responses to Drought and Flood Caused by Climate Change

UMC has always cared about the possible impacts from extreme weather. The Company has completed flood potential simulations for fabs in Taiwan since 2014, and added flood gates at low-lying entrances and exits, planed alternative transportation routes, etc. to strengthen the ability to withstand flooding. To address drought risks, UMC is actively promoting diversified water resource management. We will continue to expand water recycling and reuse rates, increase the proportion of reclaimed water usage and introduce the use of desalinated water, further enhancing the utilization rate of multiple water resources to reduce the risk of single water source and improving operational resilience.

Safety Protection of Process Equipment

Safety, Health, and Environmental Protection Standards of Semiconductor Manufacturing Equipment (SEMI S2) is the primary international standard for UMC to establish the mechanism for review of new machines and company regulations. The "UMC Process Equipment ESH Procurement Specifications" has been introduced at the procurement stage. The safety of machines can be under effective control with the machine specifications compliance review before machines are moved in and machine installation inspection after machines are moved in.

Regular Loss Prevention (LP) Audits

As global risk management standards continue to rise, strengthening protective measures has become an essential foundation for corporate sustainability. UMC collaborates with international insurance companies, such as AIG (American International Group), and global insurance brokers to regularly conduct risk audits so that UMC could continuously enhance fab protection level in order to be in compliance with international standards and to maintain the commitment level of Highly Protected Risk (HPR) for our customers and the insurance market.

Business Continuity Management (BCM)

UMC recognizes that pursuing the sustainable operation of its organization actually means providing strategic customers and important stakeholders with continuous services. Each and every one of UMC fabs has developed its BCP workbook (Business Continuity Plan workbook) since 1999. Hsinchu headquarter, Fab 12A, and Fab 12i passed ISO 22301:2012 verification sequentially since 2013, and became a leader in the semiconductor industry to receive ISO 22301 Business Continuity Management system verification. In addition, all of 12-inch fabs and 8-inch fabs have already completed the verification of ISO 22301:2019 version by 2024.

UMC Business Continuity Policy and Objectives:

Policy

- UMC aims to provide customers with more excellent and continuous service.
- UMC carries out business continuity system operation and resources integration to ensure the system's effectiveness.
- UMC reviews and improves continuously to strengthen resilience of responding to various disasters before/ during/ after the disruption from business impact to ensure the utmost rights and interests of customers and stakeholders.

Objectives

- Personnel safety is the top business continuity objective.
- Base on risk assessment results, the Company aims to develop different disaster prevention measures and responses to reduce operational impact and shorten recovery time.
- UMC follows ISO 22301 management system standard and executes BCP drill on a regular basis to review the effectiveness of business continuity plan and make continuous improvements.

Risk Management and Evaluation (Continue)

The Impact of Talent Retention and Training & Development on the Company's Operations and Corresponding Practices

At UMC, employees are considered the most important asset and the foundation of sustainable operations. Facing external labor market competition and the pull of attractive compensations, personnel turnover has resulted in the failure to pass on experience, which poses potential risks to the Company's operations.

Regarding talent retention and training and development practices, UMC provides a comprehensive learning environment for employees to improve the skills and expertise to all employees. The Company focuses on "talent attraction, cultivation, and retention" as the key goals of training and development, while continuously improving the quality and effectiveness of training, cultivating talent to meet the needs of the organization, and ensuring the continuation of experience. Meanwhile, we also pay attention to external market salary information and provide competitive compensation and welfare packages to achieve the Company's sustainable operation goals.

Assess the Risks or Opportunities to the Community and Implement Corresponding Measures

UMC promotes charity activity in accordance with three major strategic principles--"Cultivating young talents," "Promoting environmental protection," and "Caring for the disadvantaged in society," By assessing community risks and opportunities and referencing the "Business for Social Impact" (B4SI) Framework for community investment evaluation. This involves carefully tracking expenses including time, costs, physical donations, and management fees, and evaluating the positive impact that these investments can bring. Outputs of community services include reductions in costs, generation of benefits, and intangible influences such as positive corporate image, becoming a benchmark of corporate social responsibility, protecting the ecological environment, establishing positive value systems amongst school children, and helping to compensate for the inadequacy of educational resources for school children living in remote areas.

- **Set up tutoring classes for disadvantaged children**

  UMC has manufacturing fabs located in the Hsinchu Science Park and the Southern Taiwan Science Park. In order to assist disadvantaged children in Hsinchu and Tainan local communities, UMC collaborates with three universities, including National Tsing Hua University, National Yang Ming Chiao Tung University, and National Tainan University, to set up tutoring classes in the North District of Hsinchu City and the West Central District of Tainan City. These classes provide free academic tutoring for students who need to improve their coursework. The goal is to help these students continue to pursue their education and become talents cultivated by UMC in the future. In 2025, a total of 56,988 person-times were benefitted, and 32,296 hours of volunteering time were contributed. UMC has also been sponsoring a total of 90 foster children to help alleviate the impact of economic factors on these underprivileged families for a long time. UMC colleagues also offer care and encouragement through letters and gifts.

- **Initiating UMC Eco Echo Award to help companies, academic research institutions, and youth**

  UMC has long been committed to environmental conservation. Therefore, UMC launched the "Eco Echo Award" to publicly solicit high-quality environmental projects island wide. The award recognizes companies, academic research institutions, and youth teams that focus on climate adaptation, resource circularity, and biodiversity and conservation, transforming their passion and creativity for environmental protection into concrete actions that generate positive change.

  In 2025, the Eco Echo Award was supported and participated by eight supply chain partners, and provided a total prize of NT$4 million dollars. In addition, the selected teams were offered a one-year incubation plan that comprised themed courses, mentor consultations, and resource matching services to help the teams put their projects into practice and expand influence. In 2025, 11 outstanding projects were selected. For example, "Farming with Apple Snails to Safeguard Paddy Field Biodiversity" applies large rice seedling cultivation techniques and refined field management practices to address apple snail infestations. By leveraging the coarse fiber characteristics of mature rice seedlings and providing large-seedling transplanting services, the project reduces crop damage while preserving paddy field ecosystems and enhancing biodiversity. "Low-Carbon Precision Dosing Digital Twin" develops an AI-driven coagulation reaction model to enable a precision dosing digital twin system. This innovative approach supports water purification and wastewater treatment operators in optimizing existing treatment processes, significantly reducing operational costs and carbon emissions while maintaining compliance with effluent water quality standards. Through the Eco Echo Award, UMC aims to achieve the co-prosperity of enterprise and the environment, and establish Taiwan as a strong guardian of the ecological environment.

Risks to the Company's Business due to China's Development of Domestic Semiconductor Manufacturing Capabilities, and the Countermeasures

China has been developing semiconductor supply chain autonomy. Due to restrictions on the import of advanced technologies and equipment, China has turned to massive expansion of mature node production capacity and actively subsidizes domestic manufacturers. Semiconductor manufacturing competitors in China have been able to reduce prices to expand their market share with the support of government subsidies. As China's semiconductor capacity continues to grow, the supply-demand imbalance in mature process nodes will be exacerbated, making the overall competitive landscape even more severe. This may have an impact on UMC's orders, revenue and profits. For example:

1. China's large-scale expansion overlaps with UMC's production capacity. Moreover, Chinese semiconductor manufacturers may take advantage of government subsidies to trigger aggressive price competition to win customers, especially Chinese customers or customers serving the Chinese market, resulting in a decline in UMC's revenue and profits.
2. Policy subsidies for China's IC design industry may impact the market share of other IC design companies, resulting in the loss of customer orders related to Taiwan's semiconductor foundries.
3. Numerous emerging small and medium-sized semiconductor foundries in China, each focusing on the development of specific technologies, may challenge UMC's leading position in mature process technologies, leading to the loss of business.

UMC's countermeasures include:

1. Analyzing future market opportunities, improving customer demand management, proactively establishing technological differentiation, and accelerating the launch of the FinFET technology platform and the development of customer-oriented solutions to raise the barriers to technology competition.
2. Offering process technologies that are more closely aligned with regional

Risk Management and Evaluation (Continue)

market demand in order to respond to the challenge of low-price competition.
3. Promoting structural cost improvements and productivity enhancements to maintain cost competitiveness.
4. Fully utilizing the advantages of UMC HJ and USCXM to actively serve Chinese customers, as well as global customers planning to enter the Chinese market, and to create opportunities for collaboration.
5. Continuously following up on industry policies in China and actively seeking to communicate with the government to obtain relevant subsidies.
6. To respond to the competition in different market segments, the Company adopts more diversified and flexible pricing strategies to win customer orders.

Risks to the Stability and Continuity of the Company's Operations due to Tensions in Cross-Strait Relations, and the Countermeasures

The recent competition between the United States and China in politics, economy, and technology has become more intense. Because of Taiwan's crucial position in geopolitics and the technology industry chain, it will inevitably be affected by the complex and dynamic interactions among the United States, China, and Taiwan. According to an analysis of cross-strait relations over the past few years, China is likely to continue to increase pressure on Taiwan, including military or paramilitary actions. The impacts on UMC includes business, revenue, and delivery time, such as the following:

1. This situation may affect UMC customers' willingness to place orders, resulting in a decline in UMC's business and revenue.
2. The supply of semiconductor raw materials may be delayed or interrupted, which may affect UMC's operational stability and customer delivery schedule.

UMC's countermeasures include:

1. Establishing a cross-functional platform mechanisms to deal with geopolitical risks, closely monitoring the dynamics of cross-strait relations, projecting possible scenarios for changes in the Taiwan Strait, assessing potential impacts on various aspects of UMC operations, formulating corresponding risk mitigation measures, and conducting rolling reviews and management adjustments.
2. Following the guiding principle of minimizing the impact on Taiwan fabs and maintaining independent operations of overseas fabs, the Company plans and deploys contingency measures to reduce the impact on operations. These measures include the establishment of an overseas backup system, which will be incorporated into the Group's regular drill programs.
3. Enhancing routine cybersecurity management and emergency response measures to safeguard company confidential information.

Risks to the Company's Investment and Operations due to Geopolitical Tensions and Protectionist Policies Adopted by Major Economies, and the Countermeasures

The rise of protectionism in major international economies, such as the US and China, has led to measures such as tariffs, export controls, industrial subsidies, and monetary policies to maintain their strategic industrial advantages and enhance their self-sufficiency in supply. Semiconductors, as a crucial strategic resource, have become a focal point of competition among powerful nations. Customers are actively adjusting their procurement strategies in light of the development of policies in various countries and their own ongoing operational management. All of these phenomena will increase the uncertainty and costs of the Company's global operations.

This competitive tension shows no sign of reversal in the short term, which may have an impact on UMC's costs, revenue, delivery schedule and investment plans, such as:

1. Relevant regulations, sanctions, and new tariff measures will impact the stability of the semiconductor supply chain or change the original competitive landscape, which may affect production plans, delay the delivery of customer orders, and lead to a decline in revenue.
2. Prohibiting the export of key equipment or materials to specific countries may affect UMC's global production footprint, such as restricting access to U.S., Japanese, and Dutch equipment or parts for UMC's China fabs. This could even require urgent modifications to investment plans, resulting in the loss of potential business opportunities.
3. Customers may leave China fabs due to ABC (anywhere but China) policy or concerns about product technology continuity, which affects the capacity utilization rate of UMC's China fabs, resulting in a decline in revenue.
4. Major countries' policy subsidies for local production and domestic semiconductor production capacity may further reduce UMC's market share and cost competitiveness in the industry.
5. Rapid changes in policies will increase corporate compliance costs and management complexity, which may affect the Company's operating performance and strategic deployment.

UMC's countermeasures include:

1. Diversifying the customer base and strengthening technology competitiveness: In addition to its existing business in North America and the Asia-Pacific, UMC also plans to further expand its business in Europe, Japan and other regions. The Company also keeps improving technology competitiveness and differentiation, analyzes long-term trends, and seizes more opportunities.
2. Strengthening the diversification of production locations and the flexibility of production allocation: In addition to existing capacity at UMC's China fabs, UMC continues to expand production capacity in Taiwan, Japan, and Singapore, while collaborating with Intel to establish a manufacturing base in the U.S., enabling UMC to serve global customers with diversified production locations. Through the establishment of domestic supply chains, the impact of tariffs can be mitigated. Furthermore, UMC is increasing the flexibility of cross-regional and cross-fab support, and making timely adjustments to production allocation and capacity expansion plans.
3. Agilely tracking changes in the external environment, including global regulations, politics, and economic conditions: We evaluate the impact of external changes on the acquisition of production resources, the changes in customer demand, and take necessary risk response measures in a timely manner. Some practical measures have been taken:
   3-1. Establishing a tracking and risk monitoring mechanism for raw material supply chain to accurately track the component ratio and risk status of the countries where raw materials come from.
   3-2. Closely monitoring the national policies of important equipment and material exporting countries, and actively establishing second suppliers to diversify risks.
   3-3. Initiating mergers and acquisitions, forming alliances to build new facilities, and collaborating on capacity/technology at the appropriate timing in order to seize opportunities for international cooperation.

The Impact of Infectious Diseases on the Company's Operations and Countermeasures

Any outbreak of infectious diseases, such as coronavirus (COVID-19), Ebola, bird flu, swine flu, or severe acute respiratory syndrome (SARS), can affect employee attendance, and even affect company operations. For example, the coronavirus pandemic that started in early 2020 adversely affected the global economy and disrupted supply chain. It may expose UMC to certain risks, including: unstable sales activities and customer orders, reduced plant operations and manpower, international travel and communication difficulties, limitations for transnational cooperation projects, and disruption to supply of materials.

The Company closely monitors the potential risks associated with various epidemic diseases and tracks their dynamic changes to respond in a timely manner. For example, UMC established the coronavirus epidemic control and response center in January 2020 to coordinate relevant information and resources, including:

1. Regularly review and discuss issues including the impact on production, supply chain management, epidemic prevention strategies, and response measures.
2. Clearly define the various stages of infectious disease crisis management, develop response measures for each stage, and take actions according to the epidemic situation. For example: minimize employee infection and production impact; increase buffer inventory, and find and expedite the verification of alternative suppliers to reduce the risks of material shortages; and lessen the operational impact of specific fabs by adjusting or transferring the allocation of orders to other facilities.
3. In order to respond to relevant risks and opportunities, the Company closely monitors the medium- to long-term developments in the industry, such as inventory adjustments, structural changes in market demand, and restructuring of the global supply chain.

In the future, the Company will continue to pay close attention to domestic and international public health-related information, and maintain a consistent cautious attitude and agile response to reduce the impact of any epidemic infectious diseases on the Company.

Factors such as Geopolitics, Protectionism, and Natural Disasters Have Increased Raw Material Price Volatility, Making it More Risks to Effectively Control Costs to Maintain Profitability

In recent years, geopolitical tensions, international protectionist trade policies, and natural disasters (such as typhoons, earthquakes, and floods) have affected the production and supply of raw materials, leading to instability or even shortages in raw material supply. This increases market price volatility and may even drive up raw material prices. Consequently, UMC's overall operating costs could increase, including rising transportation and raw material prices, increased manpower costs, and higher equipment maintenance contract fees.

UMC's countermeasures include:

1. Actively introducing alternative materials and machines to increase sourcing flexibility and bargaining power.
2. Promoting continuous improvement and reduction of raw materials through innovative methods.
3. Improving cross-fab parts management system and benchmark management to exert the effectiveness of integrated management.
4. Increasing the in-house repair rate of machine parts.
5. Strengthening the procurement risk assessment process and long-term contract review mechanism to reduce procurement costs with appropriate long-term contracts.
6. Using digital transformation to increase personnel productivity and human capital utilization efficiency.

Other Significant Risks

None.

Note: The analysis and valuation of Risk Items shown above include the data during 2025 and as of the Annual Report Printing Date.

Other Necessary Supplements

None.

Corporate Sustainable Development

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Description of Sustainable Management

To fulfill corporate social responsibility and facilitate economic, environmental and social progress for the purpose of achieving sustainable development, the Company has formulated and complies with UMC Sustainable Development Best Practice Principles.

Through the Corporate Sustainability Committee, UMC stays up to date on the development of domestic and international sustainable development standards and changes in the corporate environment. UMC regularly reviews and improves its sustainable development practices, systems and management policies to improve the effectiveness of its sustainable development implementations. For detailed sustainable governance structure and function, please refer to the Company's website at https://www.umc.com/en/Html/esg-governance.

In 2025, UMC continued to maintain its leading position in the global semiconductor industry in the S&P Global Corporate Sustainability Assessment (CSA). The Company received numerous honors and recognitions from domestic and international organizations, governments, and institutional investors for its outstanding performance in sustainability, disclosure, corporate governance, environmental protection, and friendly workplace. These achievements demonstrate that UMC's sustainability performance is on par with the world's leading enterprises.

The sustainable awards granted to UMC in 2025 are listed below:

- Achieved the top ranking in the Semiconductors & Semiconductor Equipment sector by the S&P Global Corporate Sustainability Assessment (CSA) for two consecutive years, and has also been selected as a component of the Dow Jones Best-in-Class World Index since 2008;
- Rated at "AA" in MSCI ESG Ratings for third consecutive year and selected as component of MSCI ACWI Socially Responsible Investment (SRI) Index, the MSCI ACWI Selection Index, and the MSCI Emerging Markets Selection Index;
- Selected as component of FTSE4Good All-World Index and FTSE4Good Emerging Index for eleventh consecutive year, and FTSE4Good TIP Taiwan ESG Index since the launch of the index in 2017;
- Rated "Prime" by ISS ESG Corporate Rating for ninth consecutive year;
- Received a rating of "low risk" from the Sustainalytics ESG Risk Rating;
- Recognized double A list by CDP for Climate Change and Water Security for four consecutive years;
- Awarded Responsible business leadership and Corporate sustainability reporting from AREA (Asia Responsible Enterprise Awards)
- Awarded TCSA "Corporate Sustainability Report Award" and the highest Platinum award for the eighth time;
- Awarded "Top 10 Taiwanese Companies Sustainability Model Award" for the seventh time;

These honors and recognitions indicate that, after long-term dedication to sustainability, UMC's actions, transparency and completeness of information disclosure have all reached the international level, such that it has become a global benchmark enterprise.

In addition to continuous dedication to this industry, the self-expectation of UMC is to become a green giant within the semiconductor industry. Energy saving and carbon reduction is a long-term undertaking, in which UMC is an advocator of low carbon innovation and provider of low carbon solution as well as an implementer of low carbon actions. UMC established the Fluorinated Greenhouse Gases Reduction Work Group as early as 1999 in response to global warming, and it achieved its 2010 voluntary reduction goal outlined by Taiwan Semiconductor Industry Association ahead of schedule. On Earth Day (April 22) in 2010, UMC was the first in the industry to announce a "Climate Change Policy" and "UMC's Low Carbon Commitment" as the highest guidelines in response to climate change. In 2021, UMC is ardently responding to the Paris Climate Agreement and announced its pledge to reach net zero emissions by 2050. In the meantime, UMC become the second semiconductor foundry to join RE100, the global corporate renewable energy initiative, and committed to use 100% renewable energy by 2050 by setting progressive goals of 25% by 2025 and 50% by 2030.

UMC has also actively promoted clean production and green product management. In 2006, the Company was the first among all semiconductor makers in the world to complete the third-party verification audit of Hazardous Substance Process Management (HSPM) system, and UMC became the first company in the world to acquire QC-080000 IECQ HSPM certification for all fabs. In 2009, it completed the first "product carbon footprint" verification of IC wafers according to the International Carbon Footprint Standard PAS2050. In 2010, UMC completed the "product water footprint" verification of IC wafers according to the Business Water Footprint Accounting criteria of the non-profit international organization "Water Footprint Network." As an important milestone for development of green production, these results can also provide complete, scientific, and reliable product information as the basis for self-review and continuous improvement. In 2017, UMC took the initiative to launch the Triple R Major League project. UMC expects to cooperate with suppliers to promote reuse, recycling and reduction measures to provide green products with lower environmental impact. In 2022, UMC has launched the Supply Chain GHG Inventory Initiative. By providing tools and resources for measuring and managing emissions, UMC aims to assist 500 suppliers in completing their GHG inventories, striving towards its goal of 20% reduction in supply chain emissions by 2030. On the other hand, UMC has also established a supplier management strategy to strengthen the economic, social and environmental performance by implementing supplier sustainability assessments, on-site audits, and coaching improvements and tracking to create a positive influence and enhance sustainable competitiveness of the overall supply chain.

Materiality Analysis of Sustainable Issues

UMC referenced the nature of its businesses as well as the 5 key principles of AA1000 SES (Stakeholder Engagement Standard) to identify the major stakeholders and formulated a management system for the identification and communication with various stakeholders. In accordance with the Universal Standard and the rules of Material Topics published by Global Reporting Initiative (GRI), UMC assess the significance impacts the sustainable issue has on the economy, the environment, and people at UMC fabs in Taiwan, Singapore, Japan and China. The management approach and results of material topics were disclosed through the Sustainability Reports and the Company's websites.

International Sustainability Reporting Standards (GRI, SASB), ISO 26000 Guidance on Social Responsibility, UN Global Compact, industry-related

Description of Sustainable Management (Continue)

special issues, concerned items in domestic/international ESG evaluation, and Global Top 10 Risks by World Economic Forum (WEF) etc., are used as the basis for collection of sustainability issues. UMC analyze 19 sustainable issues and assess the significance of positive/negative impacts after identifying its actual and potential impacts. Through the process of discussion and review, the Company identify 13 material topics and formulate corresponding risk management strategies and measures:

Description of Sustainable Management (Continue)

Dimension	Material Topics	Risk Management Strategy and Measures
Governance & Economic	Sustainable Supply Chain Management	1. Promote “Low-Carbon Supply Chain” Project, inventorying GHG emissions of suppliers and strengthening supply chain’s resilience. 2. Conduct third-party risk assessment to lower potential risks of supply chain 3. Formulate a “Code of Conduct” for suppliers to comply in accordance with the requirements of the Responsible Business Alliance (RBA).
	Innovation Management and Intellectual Property Rights Protection	1. Implement important R&D projects based on the Company’s development policy through regular KPI reviews, with accountability of vice presidents or above. Relevant departments conduct patent map analysis and brainstorming meetings to identify intellectual property layout opportunities and analyze potential infringement risks. 2. Develop sustainable technology and product R&D plans and review KPIs regularly. 3. Set the direction for intellectual property development with dual-track protection for patents and trade secrets, and promote steady growth in the number of patented rights and registered key trade secrets. 4. Enhance employee awareness of intellectual property protection by regularly conducting related courses.
	Customer Relationship Management	1. Continuous quality control based on the quality management system for all products. 2. Dedicated sales and customer service window to maintain contact with customers and provide service at any time. 3. An online real-time customer response system (Voice of Customer, VOC) to collect customer feedback, with dedicated personnel for order processing, and to enhance two-way communication with customers.
	Information Security and Privacy Protection	1. Regularly test and reinforce the security system, and continuously conduct business continuity drills. 2. Establish a cybersecurity incident response plan, and take corresponding notification and recovery actions. 3. Improve security management procedures annually by obtaining international information security certifications such as ISO 15408, ISO 22301, and ISO 27001. 4. Conduct comprehensive security education and training for all employees, and perform irregular social engineering phishing tests to enhance overall security awareness.
	Product Responsibility and Lifecycle Assessment	1. Establish a hazardous substance management system. 2. Develop green chemicals and carry out hazardous substance substitution programs to proactively replace harmful chemicals at the source. 3. Establish raw material green procurement procedures and new-material assessment systems; incorporate hazardous substance control into Material Receiving Inspection Procedures; no substance shall be released if there is a concern about hazards. 4. In addition to following all applicable laws and standards, conduct self-evaluation according to even stricter standards and prioritize replacing hazardous substances. 5. Conduct regular assessments of “Product Carbon/Water Footprints” and “Product Lifecycle Assessment” to understand their environmental impact and effectively improve the production process.
Environmental	Climate Strategy and Action	1. Promoting 3 resolutions to achieve Net Zero: reducing direct GHG emissions, increase use of renewable energy, and investment in net-zero technologies. 2. Join climate-related initiatives or organizations such as RE100, Association of Taiwan Net Zero Emissions and Taiwan Climate Partnership to stay on top of global climate issue development trends. 3. Regularly identify the risks and opportunities of climate change, and develops adaptation and mitigation countermeasures. 4. Set science-based targets, and practically plan and implement carbon reduction pathways via official approval. In addition, set GHG reduction and renewable energy utilization indicators, and conduct quarterly reviews. 5. Conduct annual ISO 14064-1 GHG inventories and promote ISO 14067 product carbon footprint inventories in all fabs in order to identify emissions hotspots and areas with reduction potential.
	Energy Management	1. Replace old and inefficient equipment. 2. Implement energy saving measures through internal assessment 3. Introduce IS0 50001 Energy Management System. 4. Install solar photovoltaic system and replace older models with high efficiency ones. 5. Promote the purchase of renewable energy and expand the use of renewable energy.
	Water and Wastewater Management	1. Develop and adopt diverse sources, such as reclaimed water and desalinated water. 2. Adopt multipronged approaches such as increasing the amount of water recycling and investing in recycling technologies. 3. Continue to strengthen and implement water-saving measures. 4. Invest in the R&D of wastewater-related treatment technologies, and effluent quality monitoring and optimization. 5. Participate in public affairs, and cooperate with the government and industry to facilitate in communication and exchange counseling of water resource management.

Description of Sustainable Management (Continue)

Dimension	Material Topics	Risk Management Strategy and Measures
	Waste Management and Circular Economy	1. Collaborate with global partners to achieve waste recycling and reuse. 2. Monitor developments in international trends, evaluate opportunities and risks, handle waste properly, and make good use of resources to promote a circular economy. 3. Establish a low-carbon circular business model. 4. Promote process technology improvement and source management measures to reduce raw material consumption and waste generation.
Social	Diversity and Inclusion	1. Formulate the Diversity and Inclusion Statement, and regularly review the effectiveness of acts for achieving diversity and inclusion. 2. Set a target for the proportion of females in management positions and organize lectures to promote gender equity. 3. Develop “Workplace Happiness Program” Formulate maternity leave/paternity leave standards that are better than mandatory requirements.
	Talent Attraction and Retention	1. Carry out strategic manpower planning and develop a complete recruitment blueprint based on the Company's business focuses. 2. Keep track of market salary information, provide differentiated compensation and introduce diversified and long-term incentive/rewarding tools to ensure that an overall remuneration system with market competitiveness is being offered, and adjust compensation strategies when necessary. 3. Work with divisions with high turnover rates, and establish employee care mechanisms, through which the division can be alerted in advance about employees' intention to resign. 4. Offer diversified career development paths, e.g. internal transfer. 5. Promote key talent development plans.
	Occupational Health and Safety	1. Implement occupational safety and health management system, and obtain ISO 450001 certificate. 2. Comply with the health and safety requirements of the Responsible Business Alliance (RBA) Code of Conduct. 3. Review occupational safety and health management performance and legal compliance. 4. Provide annual health check, special hazards operational health screening, employee assistance program (EAP), on-site Physician Consultation Service, and etc.
	Human Rights	1. Formulate “UMC Anti-Discrimination and Anti-Harassment Policy”. 2. Establish multiple grievance channels for worker to issue illegal violation or workplace violence and regularly implement related training. 3. Regularly conduct human rights risk assessments, and complete RBA Self-Assessment Questionnaire (SAQ) on a regular basis. 4. Participate in “Validated Assessment Program (VAP)” implemented by a third-party agency

UMC’s Sustainability Report issued in 2025 was composed by referring to the GRI Standards, the SASB Standard, and the TCFD recommendation. The content of this report was verified by SGS Taiwan Ltd. according to AccountAbility 1000 Assurance Standard v3 Type 2, High level assurance. In the same year, the Sustainability Report published by UMC was awarded the Corporate Sustainability Report Award for the 18th consecutive year.

About Social Charity

UMC upholds the corporate sustainability vision of “centered on people, in harmony with the environment, and enables communities to thrive,” and connects internal and external resources, such as “UMC Science and Culture Foundation”, “UMC LOHAS Education Foundation”, fab and employee clubs. It is hoped that UMC can use the ubiquitous influence of science and technology to benefit our communities.

•UMC Science and Culture Foundation Spreading the Seeds of Hope and Cultivate Future Competitiveness

UMC launched the Spreading the Seeds of Hope Project, hoping that students from disadvantaged families can receive better education and cultivate their future competitiveness. This project is funded by the foundation and cooperates with charity partners in Hsinchu and Tainan. A tutoring center has been established to hire college students as teachers to provide free academic tutoring for disadvantaged students. This project has not only been a lesson plan, but a public welfare platform that connects social volunteers and college students to serve with actions. At the same time, the foundation has adopted disadvantaged school children from Taiwan Fund for Children and Families (TFCF) for over 22 years. In addition, employees are also linked to serve as letter-care volunteers to give care and encouragement to adopted children. As one of the simplest concepts of companionship, the program connects love and hope.

•Supporting Diverse Education Programs

The foundation supports the diversified development and adaptive learning of young people, including its long-term sponsorship of the “Fancy Years” National Youth Drama Festival, a drama competition for high school students hosted by the Youth Performing Arts Alliance. The Foundation also supports Home From Above’s “Home from Above program” to build students’ media literacy and local identity; In addition, it exclusive sponsors the “Young Citizens, Big Action” Program organized by Mandarin Daily News, encouraging students to engage with social issues through concrete civic action.

In physical education, the foundation has long supported the Nantou Karate team led by coach Huang Taiji and Liao Delan. Through karate, both coaches accompany many disadvantaged students to rebuild their confidence and discover new directions in life. UMC keeps the Chiayi National Tung-Shih Senior High School baseball team sponsorship program to expand support for the cultivation of domestic sports talents since 2021.

In addition, in 2025, the Foundation participated in the National Primary and Secondary School Science Exhibition in Taiwan, collaborating with the Interdisciplinary Science Education Center of National Tsing Hua University and students from Chutung Senior High School. Together with UMC employee volunteers, three science outreach booths were established, introducing visiting students and the general public to concepts such as logic gates, water resources, and mirror imaging. A total of 175 volunteer participations were recorded over the seven-day exhibition period, with approximately 400 challenge participants per day and more than 2,500 visitors overall. Through engaging, hands-on learning experiences, the program aims to cultivate scientific literacy and inspire future science talent from the ground up.

•UMC LOHAS Education Foundation

“UMC LOHAS Education Foundation” was established in 2009, and operates its own recreation center in the Hsinchu science park. Which is with the goal of providing good sports facilities and safe activity places for company colleagues, citizens and park employees. We also assist in providing venues for various sports or activities in the park and the city.

•Free Consultation for Health Promotion

Recreation center offers a variety of group classes, including TRX, spinning, muscle endurance, yoga, fitness, and swim training, etc. In addition, the recreation center provides body composition analysis. The machine can analyze body composition in a comprehensive manner, such as body fat rate, muscle mass, basal metabolic rate, etc. Understanding your body’s health status from the measurement data can be used as a reference for future exercise strengthening and establishing a correct exercise pattern. Through the operation of venues, we provide a safe and good sports environment for sports enthusiasts and introduce healthy sports concepts.

•Integrated Online System of Recreation Center

UMC recreation center continues to move towards digital integration, updating the sales system, integrating various services such as membership application, venue reservation, course registration and reservation, etc., which can be operated through the web page, replacing manual operations with a systematic system to increase the number of citizens and park practitioners. The convenience of personnel operation and the flexibility of course selection improve service quality and user experience.

•Semiconductor programs for cultivating Taiwan's high-tech talent

In addition to its ongoing investment in internal talent cultivation and skills enhancement, UMC is proactively expanding its influence among younger generations, aiming to spark interest and foster professional knowledge through early exposure. UMC employees have formed a volunteer teams that leverage the company’s core capabilities to develop semiconductor science education materials and courses. These interactive lessons help students uncover the mysteries of the semiconductor industry, covering everything from production and manufacturing to applications in everyday products. In 2025, the UMC science education volunteer program held 36 sessions, benefiting a total of 6,803 person-times.

UMC promotes key research and develop talents in universities and deepens industry-university cooperation. By cooperating with key universities, the semiconductor process practicum courses are taught by experts from UMC for early cultivation of semiconductor seed talent at the university stage so that young students can acquire deeper semiconductor knowledge and skills in their studies. Furthermore, they can better dovetail into their subsequent workplace development and actively integrate their knowledge into their career, thereby achieving talent cultivation for Taiwan’s semiconductor industry.

Doctoral talents play an important role in scientific advancement and innovative research are the key to the sustainable development of the semiconductor industry. In order to express gratitude to Academician Dr. Chung-Laung Liu for his long-term investment in electrical and electronics

About Social Charity (Continue)

education and his guidance and contribution to the company's business decision-making while serving as an independent director of UMC, the "UMC Dr. Chung-Laung Liu Doctoral Scholarship" was established in 2023 to target semiconductors. In fields related to components, processes, materials, and equipment, doctoral students are provided with a monthly scholarship of NT$40,000 per person for up to four consecutive years to encourage them to concentrate on academic research, invest in scientific and technological innovation without worries, and inject more innovation into the semiconductor industry. With the power of many talents, a total of 20 students received this scholarship in 2025.

•Promoting UMC Volunteer Culture

UMC has long been committed to promoting a culture of volunteerism. From the early Candlelight Club, spontaneously formed by employees, to the establishment of UMC Science and Culture Foundation, the passion for giving back to society has been deeply ingrained in the hearts of UMC employees. To deepen the understanding and capabilities of employees in social charity services, the UMC Science and Culture Foundation actively conducts diverse volunteer training courses, broadening employees' public service perspectives and actions. The Welfare Committee also incorporates public service elements into various activities such as clubs, family days, light travel, art festivals, and lectures, promoting social well-being and expanding the influence of good to more people in need, forming a virtuous cycle from the inside out.

To demonstrate UMC employees' commitment to social responsibility, employees are encouraged to initiate volunteer services within departments, factories, or clubs, motivating more people to participate enthusiastically in public service. Employees are provided with 16 hours of "Volunteer Time Off" annually to support their volunteer work. UMC employees actively participate in diverse social charity activities such as ecological conservation, environmental protection, support for the disadvantaged, local revitalization, and youth empowerment. In 2025, we have invested 9,689 hours and benefited 66,033 person-times, demonstrating UMC's emphasis on volunteer culture and the action, love, and selfless dedication of UMC employees.

•Support Domestic Cultural Development

UMC supports domestic cultural development through various measures, including nurturing artistic talent and supporting the construction of art venues, investing over NT$3.24 million in 2025. Among these efforts, NT$750,000 was allocated to support the development of domestic performing arts groups, such as assisting the Youth Performing Arts alliance in organizing the "Blossoming Youth National High School Drama Festival," enabling participation from 35 schools and over 164 high school students across Taiwan, thereby promoting youth artistic exchange and growth. And supports the production plan for the "Home from Above" program initiated by the Home from Above Association, guiding students from 10 elementary and junior high schools to create documentaries about their hometowns. Through camp-based courses and guidance from media mentors, students learn filming and interviewing skills while cultivating a sense of identity and narrative expression through creation. By stepping into their communities, students gain a deeper understanding of local culture and strengthen their connection to place.

Regrading support for domestic artists and performing artists. UMC invested NT$2.29 million, sponsoring projects including assisting domestic artists in their creative work, purchasing works by artists such as Chang Kuang-Ho, Ma Li-Chun, and Chuang Ming-Ching for exhibition in public spaces, organizing art lectures featuring contemporary Taiwanese photographer Chang Kuang-Ho, and providing guided art tours for visitors on an irregular basis. UMC also invested more than NT$200,000 to support the screening of domestic films, responding to the charter event for director Hsiao Chu-Chen's "A Chip Odyssey," organizing 6 screenings and inviting 778 employees, their families, and students to attend, actively promoting domestic films and cultivating public arts and culture consumption habits.

Concerned about performance opportunities for emerging local arts and culture talents, the "UMC Art Season" was held in Hsinchu and Tainan, in collaboration with the "Funnynoproblem" Drama Group and documentary director Chih-Chi Huang, to organize 2 drama performances, 2 lectures and 1 photography exhibition. These events attracted more than 2,711 participants, demonstrating its profound influence in the arts and culture and integrating art into daily life.

In order to expand the influence of charity, in addition to holding an exhibition of charity achievements, we also established a digital platform to integrate internal and external charity resources and charity promotion results. In order to achieve the vision of leveraging the ubiquitous influence of technology and achieving a better society.

Environmental Protection, Occupational Safety and Health Management

In terms of environmental protection, occupational safety and health, UMC Group has set the objective of zero pollution and zero incidents to become an enterprise of sustainable development; in addition to being in compliance with and exceeding the requirements of environmental safety and health laws and regulations, the Company utilizes advanced environmental protection, occupational safety and health, risk and disaster rescue technologies to actively enhance environmental protection and safety aspects based on a forward-looking vision. UMC has also continued with environmental safety and health education and advocacy for all its employees and encouraged active participation in related activities to strengthen the environmental safety and health belief and habits of all employees through subtle influence.

ESH Management System

UMC Group's ESH management system is established in accordance with ISO 14001 and ISO 45001 standards, integrating the ESH management plan with the actual operations of the fab to achieve effective implementation. As for various ESH risks of company operation, the possible impacts of various activities (from the use of raw materials to the generation of waste) on the environment and all company employees will be evaluated via a systematic approach. As for the items which could result in major environmental impact, the management and reduction will be applied via the assessment/replacement/reduction approach for raw materials, control and reduction of process pollution source, effective treatment of end-of-the-pipe pollution, and residual by-product reclamation. In terms of occupational safety and health, UMC will start with management of equipment, chemical, and operation safety in order to maintain the occupational safety and health of all employees.

In order to achieve the objective of sustainable development, the Company has set clean production and zero incident as the promotion direction of environmental protection and occupational safety and health. Every year UMC will set the objectives and targets of the ESH management system in coordination with the Company's operation direction, and each fab will launch various plans for reducing environmental impact and strengthening occupational safety and health in order to continuously improve company performance of environmental protection, occupational safety and health management.

Achievement status of UMC's Important ESH Objectives/Targets in 2025:

Objective	Target	Achievement Status
Reducing Disabling Injury Frequency Rate (FR) and Disabling Injury Severity Rate (SR)	FR≦0.56、SR≦31	FR=0.10 SR=2
Reducing the negative environmental impact of products and greenhouse gas (GHG) emissions	1. Water consumption per unit product: 25% reduction[Note1]	33.1%
	2. Electricity consumption per unit product: 25% reduction[Note1]	30.5%
	3. Waste generated per unit product: 35% reduction[Note1]	50.6%
	4. GHG emissions per unit product: 55% [Note2]	64.8%

Note 1. With 2015 as the base year;

Note 2. With 2010 as the base year.

Environmental Protection

GHG Reduction and Management

Facing the issues of climate change and worsening global warming, UMC has already prepared and implemented responsive strategies. It set up the "Fluorinated Greenhouse Gases Reduction Work Group" in 1999 to be dedicated to the research and promotion of reduction of fluorinated greenhouse gases (F-GHG). It formulated the "UMC Climate Change Policy" in 2010 as the highest guiding principle of the Company in response to climate change.

The major reduction plans with respect to F-GHG to be promoted include:

- Measuring the utilization rates of process tools using F-GHG and the destruction and removal efficiency of its emissions control technologies to be fully aware of the machine performance and to improve those with poor performance.
- Implementing survey and assessment of the consumption amount for F-GHG in order to understand the GHG emission volume of each process tool.
- Carrying out a research project on alternative gas to reduce the consumption of process gasses that contribute to global warming potential (GWP) via source improvement.
- As for the new F-GHG emissions control technologies, the selection, assessment, and investment have been applied for installation of high-performance F-GHG abatement systems in order to reduce the emission of F-GHG year by year.

In 2007 and 2011, UMC led the industry in completing the 2-Phase F-GHG replacement plan (replacing C_2F_6 with C_3F_8 and replacing C_3F_8 with C_4F_8) for the entire company, thus greatly reducing GHG emissions and its impact on global warming. After years of effort, UMC has achieved the objectives of the "Carbon Reduction 333" project, the "369+ Energy and Resources Productivity Enhancement Project", the "Green 2020" and the "Green 2025" project in 2012, 2015, 2020 and 2025, respectively. The Company has also formulated the "Green 30" project to commit to goals of water and power saving, and waste reduction based on more stringent self-requirement standards and more active spontaneous actions. Furthermore, as UMC's GHG Offset Project has passed the Taiwan EPA review in 2020, we can build ten years of carbon assets according to our GHG reduction efforts in Taiwan fabs through this project. As of 2025, UMC has obtained approximately 260,000 tons of carbon reduction credits.

In 2021, UMC officially pledged to achieve net zero emissions by 2050 and received approval from the international renewable energy initiative "RE100," committing to 100% renewable energy usage by 2050. In 2022, UMC's GHG reduction targets passed the SBTi review, making it the world's first semiconductor foundry to do so. Having achieved its near-term reduction targets ahead of schedule, UMC further raised its targets and passed the SBTi net-zero target review in 2025. Its near-term, long-term, and net-zero targets are in line with the 1.5°C pathway. By 2030, UMC aims to reduce total GHG emissions, including direct emissions (Scope 1) and indirect emissions from electricity (Scope 2) by 42%, and to reduce value chain (Scope 3) emissions by 25%, compared to the 2020 baseline year. Furthermore, to achieve the 2050 net zero target, UMC plans to reduce Scope 1 and Scope 2 emissions by 95% and Scope 3 emissions by 90%, with the remaining unavoidable emissions to be offset or neutralized.

UMC has constructed the UMC Climate Change Risk and Opportunity Assessment tool based on TCFD. The Climate Change Risk and Opportunity Assessment Team conducts assessments every year. The assessment is based on the aspects such as policies, regulations, transition of market and technology, reputation and physical risk. The assessment result and related countermeasures are submitted to the Corporate Sustainability Committee for approval. Since 2021, UMC conducted the annual TCFD verification by 3rd party, endorsing that UMC's climate change risk assessment system and associated financial disclosure data are highly credible and transparent. For details of potential risks and opportunities of climate change, and related management and responding measures, please refer to the Company's Sustainability Report.

Energy Saving Management

The use of energy will consume the Earth's resources, and it will also generate carbon dioxide resulting in the greenhouse effect. To reduce the environmental impact of the greenhouse effect, UMC has set annual goals and plans to reduce GHG emission. In addition to constant evaluation and introduction of various energy saving technologies, UMC will carry out energy saving plans for relevant facilities in order to directly and effectively reduce the Company's energy consumption. In addition, UMC has promoted the implementation of energy saving management plans for offices and public areas together with advocacy activities and educational training in order to enhance the concepts and habits of all employees with regard to energy saving and GHG reduction.

Water Resources Saving and Management

For more effective utilization of limited water resources, UMC formulated its "Water Management Policy and Commitment" in 2015. From the perspectives of introduction of water resources risk management system, development and application of diversified water resources, supply chain cooperation, and strengthening of water resources education, UMC will continue to promote various water saving measures, actively enhance water efficiency, and introduce new water saving technology in order to promote the emphasis and saving of water resources. According to the fab construction schedule, the fab water recycling rate and process water recycling rate of all fabs are superior to the standard set by Science Park Bureau. The water saving measures for general water consumption include the adoption of water-efficient taps, rainwater interception for landscape watering, and water conservation of air conditioners and kitchens. In addition to internal water resource assessment and management and active promotion of water conservation, the Company also serves as a representative in industrial unions & associations. The Company cooperates with the government and industrial peers in water resources communication and exchange counseling.

Waste Management and Resource Recycling Management

UMC's waste management is established on an economic and effective waste management mechanism to achieve the objectives of safe, healthy and harmless resource utilization. The strategies include total amount reduction, recycling and reuse of resources, and

Environmental Protection, Occupational Safety and Health Management (Continue)

waste management. UMC has always adhered to the belief of green production while promoting waste and resource recycling management. On one hand it has reduced the generation of waste through process improvement, raw material reduction and source management; on the other hand it has actively promoted waste recycling and reuse to replace the existing end-of-the-pipe treatment mode and to convert garbage into useful resources. In addition to reducing the resources and cost of waste treatment, the Company hopes to help alleviate increasingly serious environmental problems. Finally, in terms of waste management, manpower will be dedicated to regular auditing of the Company's waste disposal service provider and tight control of waste destination while selecting the optimal waste disposal approach.

Pollution Emission and Control

End-of-the-pipe treatment has been regarded as the last resort in recent years. In terms of pollution control, in addition to development of required technologies in response to new environmental protection laws and regulations or standards, UMC has also considered the tolerance and interaction of the overall environment to apply self-control and constantly introduces high performance pollution prevention technologies and equipment. All pollution prevention equipments are operated and maintained by professional work teams, and the operation status of all pollution prevention equipment is monitored by a central system with shifts covering 24-hours to ensure emission quality.

Environment-related Data Disclosure

UMC is committed to the spirit of initiative, openness, transparency and quality, and publicly discloses its management of environment-related information. At present, UMC has set management targets for important indicators such as GHG emissions, water consumption and waste generation. At the same time, UMC also disclosed the data of the last 4 years in the Sustainability Report and through third-party verification to confirm the latest information and verify the reduction outcome every year.

UMC Group GHG Emissions in Recent Two Years

Year		2024	2025
GHG Emission (tCO_2e)	Scope 1	463,716	435,398
	Scope 2	1,524,044	1,376,982
GHG Emission Intensity (tCO_2e/wafer-m^2)	Scope 1&2	7.51	6.12

Note 1: The statistics covers UMC and all subsidiaries.

Note 2: The data on GHG emission is based on ISO 14064-1 standards. The data for 2024 has been verified by third parties, while the data in 2025 is under verification and complete verification information will be disclosed in the sustainability report.

UMC Group Water Usage in Recent Two Years

Year	2024	2025
Total Water Usage (ton)	27,563,062	28,909,531
Water Intensity (t/wafer-m^2)	104.16	97.58

Note: The statistics covers UMC and its subsidiaries HJ, USCXM, Wavetek, and USJC.

UMC Group Outsourced Waste in Recent Two Years

Year	2024	2025
Hazardous Waste (ton)	29,641	32,638
General Waste (ton)	21,695	22,661
Waste Intensity (t/wafer-m^2)	0.194	0.187

Note: The statistics covers UMC and its subsidiaries HJ, USCXM, Wavetek, and USJC.

On the other hand, UMC was also invited to participate in the international CDP organization's climate change and water security disclosure project, and further disclosed the identification results of risks and opportunities and related management information. UMC was recognized in 2025 CDP's highest "A List" on both climate change and water security. Furthermore, the Company is the only semiconductor firm globally to achieve a double "A" score for four consecutive years, affirming its commendable performance in greenhouse gas emission reduction and water resource management.

Occupational Safety and Health

Promoting the Culture of Individual Occupational Safety

The analysis of the causes of domestic and foreign accidents has revealed that 90% of them are due to "Human Factors," such that the safety of personal behavior has a more profound impact on the safety of the organization. Therefore, UMC is dedicated to promoting the occupational safety and health culture of "Individual Occupational Safety." Starting from "Pay attention to your own safety and care about other's safety" and "Occupational safety is everyone's responsibility" and under the declaration and leadership of the chairman, UMC has introduced the safety thinking mode, and established complete communication and proposal channels so that employees can express their opinions and receive professional response and assistance, implement occupational safety and health protection work, and continuously enhance the quality of the work environment. It is expected that UMC can become the global role model of occupational safety and health.

Occupational Safety and Health Management

By law, all UMC fabs have formulated occupational safety and health management plans every year, and the contents include:

- **ESH Risk Assessment**

Ever since the founding of company, UMC has been introducing various methods for risk assessment of the Company's processes, equipment, and chemicals. UMC has also tried to reduce the occurrence of accidents and environmental pollution caused by process and equipment though engineering improvement and process replacement.

As for the occupational safety and health risk, UMC has divided them into preliminary review, change review, and regular review. As for the execution of preliminary review, in addition to using a simple risk matrix for selecting operating activities with higher risks to carry out improvement and management, UMC has also conducted the review and risk reduction of hazardous workplace with respect to the items listed in the Hazardous Workplace Review and Inspection Rules.

As for the environmental and occupational safety and health risks caused by change of equipment, and introduction of new chemicals

and new machines, the assessment should be carried out according to the rules of change review. In addition to managing these according to domestic laws and regulations, the specification requirements of safety facilities and environmental protection of equipment and chemicals should be specified according to international standards, so that the ESH impacts can be minimized at the beginning of such change.
In addition to the aforementioned preliminary review and change review, the ESH risk assessment will be conducted again for all operations ever year, and the operation items with increased risk levels must be examined to see if there is a need for improvement.

- **Management of Machine, Equipment, or Appliance**

In addition to being in compliance with domestic standards, such as CNS (Chinese National Standards) and machine equipment appliance safety standard, the machines used by UMC must come with the reports (provided by the equipment supplier) meeting the semiconductor manufacturing equipment safety, health, and environmental protection standard (SEMI S2) formulated by international semiconductor equipment and material organization. If there is any non-conforming item, it must be improved before entry into the fab. After fab entry, the water, electrical, gas, and chemical use safety inspection must be conducted according to different stages of machine installation before these machines can be used.
During machine operation and maintenance, employees should receive the educational training of the machine operation and be in compliance with the operation rule. Unless there is approved application and adoption of alternative safety measures, it is prohibited to disable the safety interlock device of the machine in order to avoid any significant occupational incident.

- **Management of Hazardous Chemicals**

UMC has a hazardous chemical management strategy. All chemicals entering UMC must comply with the strategy and strict safety review mechanisms before they can be used in UMC.
UMC's sound chemical management process meets regulatory requirements. In addition to labeling and training by law, the exposure risk assessment method should be introduced and the chemical risk level and classification management measures should be established in order to reduce the exposure hazard risks to workers.
The working environment monitoring should be conducted every six months according to the Rules for Implementation of Working Environment Monitoring. The effective sampling strategy should be formulated, and the monitoring results should be verified by statistical analysis tool to ensure the exposure situation of every similar exposure group and to protect the health of employees.
There are toxic gas detectors distributed in the working environment in the fab for early control of trace gas leaks with timely warning and automatic broadcasts to notify employees to evacuate to designated safe areas.

- **Procurement Management and Contractor Management**

UMC has specified the occupational safety and health rule of procurement in the operation regulation of the Company's procurement department. The raw materials suppliers will be requested to conduct labeling, production, and transportation according to domestic laws and regulations, and there will be regular audit of suppliers to ensure that there will not be any safety or health or environmental protection accident that would cause abnormal supply.
As for the contractor management, the active and effective management approach should be adopted to prevent contractors from accidents. In addition to carrying out qualified contractor evaluation and formulating "Notices of ESH Contractor" to be signed by the person in charge of the contractor, all workers entering the fab should receive UMC's "Contractor ESH Educational Training." In addition, the "Contractor Work Place Hazard Notification and Agreement Meeting" should be completed for all contractors entering the fab. A complete online application system should be established for effective control of construction application and the management before, during, and after the construction. In addition to requesting the contractor to assign onsite supervisory personnel, a tool box meeting should be convened every day before construction. During the construction period, occupational safety personnel should conduct frequent audits in addition to the onsite supervision by the responsible department in order to ensure that all operations are in compliance with safety regulations.

- **Formulation of Occupational Safety and Health Operational Standard**

UMC has formulated the occupational safety and health protection standard which is applicable to the entire company, and each operational department should formulate operational standards for different operations according to company regulation. The content should include: operating procedure, operation inspection and regular inspection items, protective equipment to be used, and operation frequency.

In addition to being in compliance with the operational standard, all employees should pay attention to the unsafe behaviors of others and offer reminders at the work place according to the spirit of individual occupational safety in order to achieve the optimal effect of personal discipline control.

- **Regular Inspection, Key Points Inspection, Operation Inspection, and Onsite Walkthrough**

Regular and key points inspections should be arranged for various facilities and operations according to laws and regulations, and operation inspections should be conducted regularly by employees in charge of facilities and operations.
In addition to the matters specified by laws and regulations, supervisors at all levels and occupational safety personnel should arrange regular and irregular onsite walkthroughs and audits. The deficiencies of audits should be tracked by computer system, and these cases can only be closed after the improvement is completed.

UMC Safety Audit

Category	Type of Audit	Frequency
Internal Audit	Audits conducted by Headquarters	Quarterly
	Cross-foundry audits conducted by safety supervisors	Semi-annually
External Audit	ISO 45001 audit	Annually
	Taiwan Occupational Safety and Health Management System (TOSHMS) audit	Annually

- **Management of Personal Protective Equipment**

UMC establishes management procedures based on the type of the hazards and provides adequate personal protective equipment (PPE) for workers to use. The condition of PPE is regularly checked, and the supervisors and occupational safety personnel also occasionally inspect the use of PPE.

- **Health Examination, Health Management, and Health Promotion Matters**

UMC treasures employees as the most important asset of an enterprise. Only employees that are healthy both physically and mentally can provide highly efficient and high-quality work performance. Therefore, over the years UMC has been dedicated to creating a work place that can contribute to physical, mental, and spiritual health. In addition to helping employees with comprehensive health management and health promotion, care has been extended to employees' families, hoping to achieve the goals of work moral and work quality enhancement.

- **Collection, Sharing, and Utilization of Occupational Safety and Health Information**

The collection and sharing of company occupational safety and health information are conducted via diversified modes. Domestic and foreign occupational safety and health regulations are collected and reviewed by the Division of Risk Management and Occupational Safety and Health, which will suggest to carry out the proposal within the Company to be approved by the ESH Committee. The external major accidents and occupational safety and health news will be advocated to employees via BBS within the Company. The occupational safety and health advocacy posters will be put on occupational safety bulletin boards in all fabs frequently. In addition, communication channels such as ESH mailbox and ESH proposal systems have been established on the Company's intranet website for our employees to reflect opinions or problems related to occupational safety and health management.

- **Emergency Response Measures**

In order to allow employees to be equipped with the knowledge and skills of immediate disaster relief upon occurrence of any accident, all employees must take basic fire-fighting, safety and emergency response courses arranged by the Company every 5 years. These courses cover fire safety, disaster response, and actual operation of fire extinguishers, and all employees are expected to be equipped with such skills. In addition, an emergency response team (ERT, Emergency Response Team) is formed in every fab, and the members of this team should receive various emergency response trainings and regular rehearsals with respect to various accidents in order to strength the disaster response skills of ERT members and to achieve the objective of protection and control at the initial stage of disaster.

- **Statistical Analysis of Occupational Incidents**

As for occupational incidents that take place at the work place, in addition to regular summaries and reports, every accident must be registered in the accident report and investigation system to be tracked. In addition to the investigation of accident causes and improvement and prevention, accident prevention should be included as the Company's objective and target of occupational safety and health management. Various activities must be promoted in order to achieve the accident reduction and safety enhancement.

- **Occupational Safety and Health Management Record, Performance Review, and Rewards**

For facilitating management, in addition to written records, UMC has established multiple computer systems as an aid for occupational safety and health management, such as automatic inspection system, ISO 14001 & ISO 45001 management systems, accident report and investigation system, and walkthrough report system. In addition to facilitating data inquiry by employees, the tracking of preventive management measures should also be strengthened.

For the performance of occupational safety and health management, in addition to management review meetings regularly convened in each fab and for the entire company to review the objectives and targets, occupational competitions will be arranged in each fab, and all active occupational management indicators should be included as the evaluation items for individuals and departments. The departments with outstanding performances should be rewarded, and the selection of outstanding occupational safety achievement will be arranged every year in the Company to encourage the active improvement of occupational safety and health in the work environment and the exchange of occupational safety and health improvement matters among different fabs. These will also contribute to the promotion of individual occupational safety and reduction of accidents.

Granted Awards of Occupational Safety and Health and Environmental Protection

UMC has been devoted to the promotion of environmental protection and occupational safety and health. In addition to being dedicated to achieving the international level of risk control and environmental protection and occupational safety and health management performance, UMC's various ESH management behaviors have also been well received by competent authorities and among peers.

Environmental Protection, Occupational Safety and Health Management (Continue)

The awards granted to UMC in 2025 are as shown below:

- "National Enterprise Environmental Protection Award" by Ministry of Environment, Executive Yuan, R.O.C. (Fab 12A)
- "Outstanding Unit for Promoting Occupational Safety and Health-Special Excellence Award" by the Hsinchu Science Park, National Science and Technology Council (Fab 8F)
- "Occupational Health and Safety Performance Disclosure Evaluation – Outstanding Enterprise" by Occupational Safety and Health Administration, Ministry of Labor (UMC)
- "Environmental, Safety and Health Sustainable Development Action– ESG Excellence Leadership" by the Hsinchu Science Park, National Science and Technology Council (UMC, Fab 8A, Fab 8D, Fab 8E, Fab 8F, Fab 8S)

Special Disclosures

144 Summary of Affiliated Enterprises
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Summary of Affiliated Enterprises

Please refer to the TWSE MOPS for the Company's Consolidated Business Reports of Affiliated Enterprises:
https://mopsov.twse.com.tw/mops/web/t57sb01_q10.

Issuance of Private Placement Securities

None.

Other Necessary Supplements

None.

Disclosure of Events Which may Have a Significant Influence on Stockholders' Equity or Share Price, in Compliance with Item 3, Paragraph 2 in Article 36 of the Securities and Exchange Law of the R.O.C. during 2025 and as of the Annual Report Printing Date

None.

United Microelectronics Corporation ***Representative: Stan Hung***



