CH5 Environmental Management

Maximization of the Company's influence on its suppliers in response to domestic and international eco-friendly initiatives in the field of environmental protection and carbon reduction.

ESG Highlights

17% Higher Energy Efficiency

Our overall Power Usage Effectiveness (PUE) reached 1.33 in 2024, with energy efficiency improved by 17% compared to traditional data centers.

Carbon Reduction Benefit of 40,372 ton CO_2e

In 2024, a total of 28 continuous improvement projects related to supply chain carbon reduction were executed, with an estimated carbon reduction benefit of 40,372 tons CO_2e per year.

90% Local Procurement

90% of our procurement spending was localized in Taiwan.

- All operational buildings across Taiwan use LED lighting.
- Our self-built renewable energy installations generated approximately 176,000 kWh of electricity in 2024.
- We established the first Gogoro battery-swapping station through corporate partnership in the Science Park.
- Applied and approved by SBTi in 2024, progressing toward the 2050 net-zero target.

5.1 Responsible Supply Chain Management

As a leading technology provider for the global semiconductor industry, MediaTek is located at the front-end of the value chain. All back-end processes involving raw material procurement, OEM manufacturing, packaging, and testing are carried out by suppliers, which results in the formation of partnerships characterized by professional division of labor and mutual cooperation. Therefore, supply chain management is MediaTek's top priority in addressing operational and climate-related risks. We will be committed to promoting sustainable development with our supply chain partners.

Management Action	2024 Outcome	Short-term Goal (1-3 years)	Mid-to-Long-term Goal (3-10 years)
Management Strategy: Responsible Supply Chain Management Mechanism			
Management Item: Supplier Code of Conduct			
▸ Require all suppliers to sign the Code of Conduct Commitment.	1 100% of suppliers signed MediaTek's Code of Conduct Commitment.	▸ Continue to require other suppliers to complete the RBA SAQ or VAP audit and increase the number of completed suppliers.	▸ Continue to require other suppliers to complete the RBA SAQ or VAP audit, aiming for 100% completion.
▸ Audit supplier compliance with the Code of Conduct.	2 88% of key suppliers completed the RBA VAP audit, and 12% completed the SAQ. 3 86% of key suppliers achieved Platinum in the RBA VAP audit, and 14% achieved Gold.		
Management Item: Supplier Risk Assessment			
▸ Supplier Sustainability Risk Assessment Mechanism.	▸ No high-risk suppliers identified in 2024.	▸ Continue to maintain zero high-risk suppliers.	
▸ Key Material Risk Management.	▸ 100% responsible mineral sourcing. ▸ Established a real-time reporting mechanism for non-compliant smelters from suppliers.	▸ Require suppliers to source 100% responsible minerals, with real-time and regular updates on smelter changes to ensure full compliance.	
Management Item: Supplier Sustainability Evaluation			
▸ Evaluation Process for Key Supplier Sustainability Scoring Standards.	▸ Expanded supplier evaluations in 2024, adding three new suppliers, with an overall average score of 77.	▸ Continue to expand the number of evaluated suppliers.	
Management Item: Local Procurement			
▸ Continue to increase the proportion of local procurement.	▸ Local procurement ratio reached 90%.	▸ Continue to increase the proportion of local procurement.	
Management Strategy: Promote Green Supply Chain			
Management Item: Supply Chain Energy and Water Saving Production Management			
▸ Encourage key suppliers to implement energy-saving initiatives throughout the entire production process of MediaTek products.	▸ 11+ action plans implemented, resulting in a total carbon reduction of 32,251 tons CO_2e/year in MediaTek product manufacturing.	▸ Continue to require suppliers to implement energy-saving and carbon-reduction measures, aiming for at least a 1% annual improvement in energy savings compared to the previous year.	▸ Reduce greenhouse gas emissions (Scope 1 + Scope 2) from MediaTek products by 25% compared to the baseline year of 2020.

Management Action	2024 Outcome	Short-term Goal (1-3 years)	Mid-to-Long-term Goal (3-10 years)
▸ Encourage key suppliers to implement water-saving initiatives throughout the entire production process of MediaTek products.	▸ 6 water-saving action plans implemented, equivalent to a carbon reduction of 517 tons CO_2e/year in MediaTek product manufacturing.	▸ Continue to increase water recycling rates.	
Management Item: Supply Chain Renewable Energy Usage Management			
▸ Survey key suppliers' renewable energy deployment plans. ▸ Jointly Develop Renewable Energy Usage Plan for MediaTek Product Line. ▸ Regularly Track Supplier Renewable Energy Usage Ratio.	▸ Collaborated with key suppliers to plan MediaTek's product net-zero roadmap based on future production capacity, and define short-, medium-, and long-term targets for renewable energy usage and carbon reduction. The goal is to reduce greenhouse gas emissions from the product manufacturing stage by 25% by 2030 compared to the baseline year (2020). ▸ Established an automated supply chain management system to collect data on the proportion of renewable energy used and greenhouse gas emissions from suppliers for MediaTek's product lines.	▸ Continue to require suppliers to reduce carbon emissions, targeting an annual reduction in carbon intensity of more than 2% compared to the previous year.	▸ By 2030, reduce greenhouse gas emissions generated during the manufacturing stage of MediaTek products by 25% compared to the baseline year of 2020.
Management Item: Supply Chain Greenhouse Gas Management			
▸ Jointly Develop Net-Zero Roadmap for MediaTek Products. ▸ Regularly Track Supplier Greenhouse Gas Emissions.	(Same as above)	▸ Continue to require suppliers to reduce carbon emissions, targeting an annual reduction in carbon intensity of more than 2% compared to the previous year.	▸ By 2030, reduce greenhouse gas emissions generated during the manufacturing stage of MediaTek products by 25% compared to the baseline year of 2020.
▸ Conduct Workshops and Training.	▸ 100% of key suppliers participated in the Sustainable Supply Chain Net-Zero Workshop — promoting low-carbon manufacturing across the Tier 2 supply chain.		
Management Item: Supply Chain Waste Reduction Management			
▸ Encourage suppliers to promote circular economy and resource efficiency in MediaTek product manufacturing processes to reduce, regenerate, or reuse waste.	▸ 11+ action plans implemented to improve resource efficiency in MediaTek product manufacturing, resulting in a carbon reduction of over 7,604 tons CO_2e /year.	▸ Continue to require all suppliers to implement circular economy practices, with at least three new suppliers expected to join.	▸ 100% of suppliers implement circular economy practices.

5.1.1 Overview of MediaTek Sustainable Supply Chain Management Tools

SDG 8.7

Responsible Supply Chain Management Mechanism

- Supplier Code of Conduct
- Supplier risk assessment
- Supplier sustainability evaluation
- Local Procurement

Promoting a green supply chain

- Supply chain energy-saving and water conservation management
- Supply chain renewable energy use management
- Supply chain greenhouse gas management
- Supply chain waste reduction management

In 2015, MediaTek officially incorporated principles and initiatives such as the RBA Code of Conduct, International Labor Office Tripartite Declaration of Principles, and the UN Universal Declaration of Human Rights into its Supplier Code of Conduct. All suppliers are required to take positive action and comply with this code. As a top enterprise in the global electronics industry supply chain, MediaTek spares no effort to safeguard the collective rights and well-being of its staff. The Supplier Code of Conduct adopted by us encompasses 39 indicators in the following five dimensions: Labor and human rights, health and safety, environmental protection, professional ethics, and management systems. We continue to observe and respond to social responsibility standards accorded high importance worldwide. As of 2023, all the suppliers of MediaTek have signed the agreements.

Code of Conduct - Responsible Business Alliance

Universal Declaration of Human Rights

International Labour Organization (ILO) Tripartite Declaration of Principles

MediaTek Supplier Code of Conduct

Management system	Professional ethics	Labor and human rights	Environmental protection	Health and safety
Company commitment	Ethical management	Non-discrimination	Environmental permits and reports	Occupational safety
Management duties and responsibilities	No improper gains	Prevention of harassment and abuse	Pollution prevention and resource conservation	Emergency preparedness
Laws and customer requirements	Information transparency	Prohibition of employment of child labor	Energy consumption and GHG emissions	Work injuries and occupational diseases
Risk assessment and management	Intellectual property rights	Freedom of choice regarding working hours	Wastewater and solid waste management	Industrial hygiene
Training and communication	Fair trade	Salary and allowances	Waste gas emissions	Manual labor
Employee feedback and participation in audits and evaluations	Advertising and competition		Substance control	Machine guarding
Corrective measures	Whistleblower Confidentiality and prevention of retaliation		Hazardous substances	Public health and food safety
Documentation and records	Privacy			Health and safety information
Supplier responsibilities				

5.1.2 Annual and New Supplier Sustainability Risk Assessment Criteria

SDG 12.7

The scope of issues of concern to global customers and the general public has gradually expanded from price, quality, and service standards to social and environmental laws and standards and legal responsibilities in respective nations. MediaTek has therefore reorganized its supplier evaluation standards in the economic, social, and environmental dimensions. The Company monitors its supply chain to confirm compliance and stepping up of efforts in the field of sustainable development involving corporate governance, energy conservation and carbon reduction, green manufacturing, employee care, and expanded social engagement. The ultimate goal lies in the prevention of risks that harm stakeholder interests including improper management resulting in environmental pollution, product quality aberrations, and production capacity and manpower shortages at any link of the supply chain. Such risks cause shipping irregularities, rising costs, dropping revenues, and thereby negatively affect the reputation, image, and competitiveness of MediaTek. MediaTek requires all new suppliers to meet this assessment criteria. For existing suppliers, we also continuously track and evaluate their suitability based on this criteria every year.

Annual and New Supplier Sustainability Risk Assessment Criteria and Weight of the Assessment

	Management dimension	Management standards	Evaluation weighting	Overall achievement rate
Economic dimension	Firm commitment to enhance product quality, pursuing the highest quality standards in cooperation with suppliers, and ongoing improvements and development of innovative technologies in line with MediaTek's deployment strategy.	Delivery times, production capacities, yield rates, and adoption of new products; ISO 9001 Quality Management System and IATF 16949 Automotive Quality Management System.	34%	100%
Environmental dimension	Firm commitment to Hazardous Substance Free (HSF) policy for the whole supply chain, adoption of green, eco-friendly design concepts from the source covering the whole product life cycle, and requested implementation of green innovation by suppliers.	ISO 14001 Environmental Management System, QC 080000 HSPM Hazardous Substance Process Management System, Sony Green-Partner.	33%	98%
Social dimension	Fulfillment of social responsibility by suppliers, conformity to international labor rights, and provision of a safe and healthy work environment.	MediaTek Supplier Code of Conduct, RBA Code of Conduct, SA 8000 Social Accountability Standard and Prohibition of Conflict Minerals, ISO 45001 Occupational Health and Safety Management System.	33%	97%

5.1.3 Key Supplier Management

To strengthen the effectiveness of supplier management, MediaTek established a supplier corporate sustainability scoring criteria. For “key suppliers”, namely suppliers that have a significant impact on the quality of MediaTek’s products and production schedules, or suppliers from whom the Company’s purchase amount and proportion reach the threshold of materiality, we conduct key management in order to improve the quality and sustainability of green procurement practices and manage operational risks.

Key Supplier Sustainability Scoring Standards and Procedure

Annual Supplier Sustainability Evaluation
- Every November
- Announce the rating standards in four major dimensions.

Suppliers submit data for rating
- Every November
- Suppliers provide data and project performance.

Audit
- Every December
- MediaTek conducts on-site or remote meetings.

Evaluation includes RBA, RMI, hazardous substances, energy saving, carbon emission intensity, Co-Project.
- ☑ Approval
- ❑ Supporting evidence and data required

Announcement of rating results
- January of the following year

Awards ceremony to recognize excellent suppliers.
- March of the following year

In 2024, we expanded the number of evaluated suppliers, with three new ones added. The overall average evaluation score was 77 points. For suppliers ranked lower in scores, MediaTek continues to actively provide guidance for improvement, and encourages them to learn from benchmark suppliers to continuously enhance their sustainable development. This strengthens the supply chain’s support for MediaTek’s sustainability initiatives, to jointly achieve excellent and ongoing sustainability advancements for MediaTek’s products After the annual announcement of the evaluation results, we recognize and present the Best Sustainability Partner Supplier Award at the Annual Supplier Conference to encourage and thank the suppliers for their close cooperation and proactive implementation of MediaTek’s sustainability goals in the past year so as to build a sustainable value chain together with MediaTek.

5.1.4 Key Material Risk Management

SDG 16.2

As a front-end service provider of the semiconductor value chain, we harness innovative technologies to minimize the environmental and social impacts of our products. We also conduct risk management for key materials required for the manufacturing process by implementing requirements and selections (incl. conflict mineral surveys and local procurement) for the supply chain with the goal of realizing corporate sustainability.

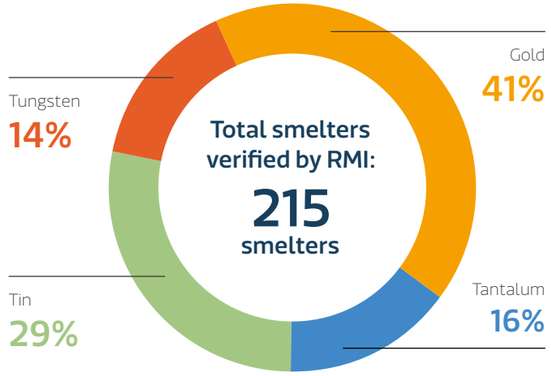
Conflict Minerals

Protection of human rights is one of MediaTek’s core concepts in the field of social responsibility. We have been conducting conflict mineral surveys since 2011. Pursuant to relevant norms and regulations of the “Conflict-Free Smelter Program,” the “Responsible Business Alliance,” and the “Global e-Sustainability Initiative,” we require our suppliers to provide a “conflict-free guarantee” to demonstrate their commitment to refraining from the use of minerals from conflict zones. In addition to 3TG surveys, we have been utilizing the CRT (Cobalt Reporting Template) to conduct cobalt surveys since 2018. All suppliers will be required to disclose information for all smelters in a detailed manner.

Total smelters verified by RMI: 215 smelters

(After MediaTek’s review, 100% of metals used by all suppliers come from RMI-recognized smelters.)

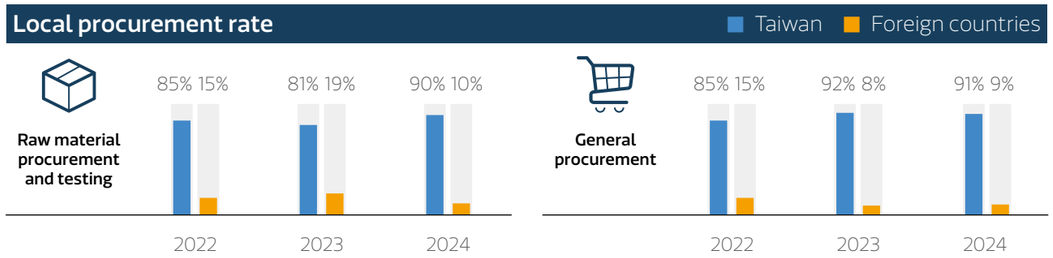
Gold	88 smelters
Tantalum	34 smelters
Tin	62 smelters
Tungsten	31 smelters



5.1.5 Local Procurement

MediaTek embraces the principle of local procurement to enable local citizens to reap the benefits of economic development and reduce carbon emissions caused by the transportation of raw materials. In the current year, our localized procurement in Taiwan reached over 90%, encompassing the vast majority of both raw materials and general procurement items.

Procurement categories	Procurement items	Countries of origin
Raw material procurement and testing	Wafer, IC chip packaging, chip testing	Taiwan, China, Japan, Korea, Singapore, U.S.A., and Europe
General procurement	Suppliers offer instruments and equipment, hardware facilities and maintenance, parts and consumables, application software, and testing services.	Taiwan, China, the U.S.A., and Europe



5.1.6 Actions Harnessing MediaTek Influence

SDG 13.3

MediaTek upholds the spirit of corporate citizenship and proactively implements sustainable development concepts. With a view to demonstrating its commitment to its own responsibility and that of its suppliers, the Company has formulated a supplier code of conduct to facilitate the joint fulfillment of the responsibility of the Company and its suppliers as corporate citizens. MediaTek relies on a comprehensive assessment and incentive mechanism to encourage continued dedicated efforts by its suppliers in the field of sustainable development.

5.1.6.1 Actions Harnessing Influence on Suppliers

Our supply chain management vision is inextricably intertwined with our business philosophy. We therefore constantly monitor and abide by International social responsibility-related declarations and standards to foster sustainable growth of the value chain. MediaTek's responsible supply chain initiatives can be summarized as follows:

2014	Appeal to suppliers to prioritize social responsibility
2015	Release of a "Code of Conduct for Supply Chain Social Responsibility"
2016	Provision of RBA online training courses
2017	Establishment of a Supply Chain CSR Assessment System
2018	Creation of "MediaTek Supply Chain Social Responsibility Awards"
2019	Organization responsible supply chain forums
2020	Purchase of a Taiwan Renewable Energy Certificate (T-REC) and participation in EDU Power Quality Label certifications
2021	Active encouragement of the setting of targets for renewable energy use and reduction of GHG emissions per unit product by the supply chain
2022	In response to the global net zero emissions initiative, the Company announced that it will achieve net zero greenhouse gas emissions by 2050 through green design, energy efficiency, carbon reduction and supply chain sustainability management.
2023	Sustainable Supply Chain Net-Zero Workshop
2024	Promoting low-carbon manufacturing within its Tier 2 supply chain

Sustainable Supply Chain Net-Zero Workshop

Starting in 2024, MediaTek expanded its carbon reduction requirements to include the Tier 2 supply chain. Reviewing product carbon footprint results is a key to achieving sustainable supply chain development. By collaborating closely with Tier 1 suppliers, MediaTek is extending its green manufacturing demands to Tier 2 suppliers and progressively building a carbon footprint database. A cross-functional team has been assembled to work together on continuous improvement projects, to consistently reduce the carbon footprint of products and advance toward net-zero goals.

5.1.6.2 Supplier Partnership Initiative

As an industry leader, MediaTek bears the significant responsibility for promoting sustainable management. Following our official announcement in 2022 to respond to the global net-zero emissions initiative, we began proactively collaborating with supply chain partners to plan and implement projects focused on green manufacturing and the circular economy to reduce environmental impact, thus demonstrating our commitment to the net-zero goal.

Preliminary meeting	Evaluation and planning	Implementation measures	Monitoring and evaluation	Results sharing
Discuss and establish energy-saving and carbon reduction targets and plans with suppliers.	Both parties evaluate existing energy usage and formulate specific energy-saving and carbon reduction targets and plans.	Jointly implement energy-saving measures, including optimizing production processes, upgrading equipment, and improving energy efficiency.	Regularly monitor energy usage, assess energy-saving effectiveness, and make necessary adjustments.	Share energy-saving and carbon reduction achievements with suppliers and jointly explore future continuous improvement and collaboration directions.

Through the above steps, we collaborate with our suppliers, and regularly review performance and make rolling adjustments to strategies and goals. This collaborative effort is dedicated to achieving energy-saving and carbon reduction targets and has fostered strong partnerships.

2024 Project Results of Collaboration with Key Suppliers

Project type	Energy saving projects	Water saving projects	Circular economy
Number of projects	11+	6	11+
Expected emissions reduction benefits	32,251 (ton CO_2e/ year)	517 (ton CO_2e/ year)	7,604 (ton CO_2e/ year)

5.2 Climate-related Risk and Opportunity Management

In order to understand the risks and opportunities associated with climate change for MediaTek, the following description of management actions is based on the TCFD (Task Force on Climate-related Financial Disclosures) framework of governance, strategy, risk management, indicators and targets.

5.2.1 Climate Governance Framework

The Audit Committee serves as the Company's highest governing body for risk management and identifies "climate change risks" in accordance with our "Risk Management Policy and Procedures". This issue is subject to material identification and management by the ESG Committee based on the TCFD recommendations. The environmental task force regularly reports quarterly to the ESG Committee on the assessment and plans for climate risks and energy efficiency of the Company's operational sites, as well as various environmental impact assessments and target settings within the supply chain. Annually, it reports to the ESG Committee and the committee chairperson (Vice Chairman & CEO) on the current year's implementation plan and reviews past performance. Finally, discussion and execution results are reported annually to the Board of Directors.

5.2.2 Climate Change Risk and Opportunity Assessment

To comprehensively assess the potential risks and opportunities that climate change may bring to the Company's operations and strategy, we refer to the Net Zero Emissions (NZE) scenario published by the International Energy Agency (IEA), the most severe scenario (SSP5-8.5) proposed by the United Nations Intergovernmental Panel on Climate Change (IPCC), and compile climate risks and opportunities relevant to the semiconductor industry. Based on the TCFD framework, we identify climate issues most relevant to MediaTek and its supply chain, including transition risks (policy and regulations, market), physical risks (immediate), and opportunities (resource efficiency, and products and services). To further identify the impact of various climate issues on the Company across different time horizons, we define these as short-term (1-2 years): 2024-2025, medium-term (up to 2030), and long-term (up to 2050).

Time horizon

Time horizon	Description
Short-term 2024-2025	‣ Based on assessments by the Company's ESG Committee cross-departmental task forces and further consideration of the Company's industry nature with external experts, the short-term period is set at 1-2 years.
Medium-term 2026-2030	‣ Based on international reports from IPCC and IEA, the energy transition and reduction pathway analyses in relevant scenarios are based on 2030 as a dividing point; thus, 2026-2030 is defined as the medium term.
Long-term 2031-2050	‣ Current major international climate-related scientific reports indicate that to achieve the goals of the Paris Agreement, net-zero emissions should be reached by 2050 to limit global warming to 1.5° C.

Climate scenario analysis

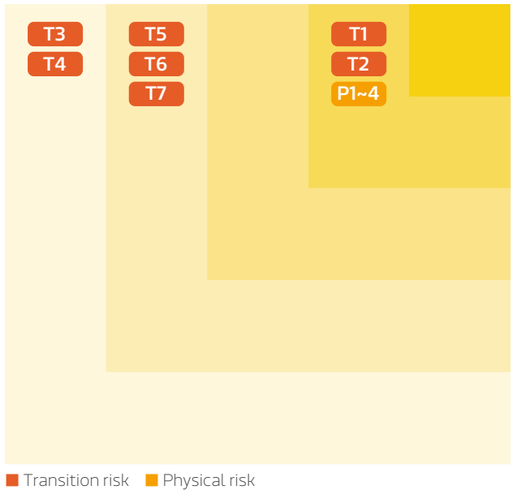
Application type	Scenario	Description of scenario analysis
Transition risk	IEA's NZE scenario	‣ Assumes that global net-zero greenhouse gas emissions are achieved by 2050, to limit global warming to within 1.5° C. MediaTek uses the NZE scenario to analyze the impact of transition risks, such as carbon pricing mechanisms and regulatory changes on the Company.
Physical risk	IPCC high emissions scenario SSP5-8.5	‣ Assumes that a lack of effective global climate policies leads to continuous increases in greenhouse gas emissions. There is a high probability of global warming exceeding 2 ° C between 2041 and 2060, resulting in more frequent and severe extreme weather events. MediaTek refers to extreme climate factors in this scenario (e.g., extreme high temperatures, heavy rainfall, sea-level rise) and uses climate change disaster risk maps published by TCCIP and the Aqueduct Floods tool to assess physical risks at domestic and international sites and for suppliers.

Note: MediaTek's greenhouse gas emissions trajectory includes a BAU (Business As Usual) baseline and a regulated policy emissions pathway. The BAU baseline is estimated based on the compound annual growth rate of electricity consumption, while the regulated policy pathway is estimated based on currently planned reduction measures.

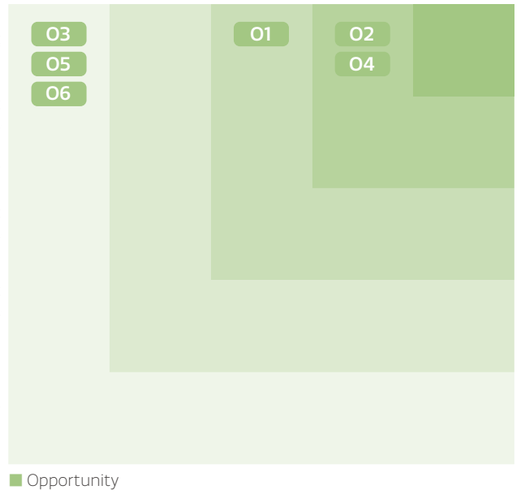
Materiality Assessment

Referring to the ISO 31000 risk management framework, senior managers from relevant departments corresponding to climate risk and opportunity issues, along with external experts, further consider the Company's industry nature. They assess the time horizon, likelihood, and impact level of each issue based on their responsibilities and professional experience. This information is then compiled by the cross-departmental task force of the ESG Committee and ranked according to each department's evaluation results. The scores are categorized into five risk and opportunity levels from low to high, thereby establishing MediaTek's climate risk and opportunity matrix.

Climate Risk Analysis Matrix



Climate Opportunity Analysis Matrix



Climate Risk Analysis Matrix

No.	Category	Type	Time horizon	Risk Issue
T1	Transition risk	Market	Long-term	International low-carbon transition trends and greenhouse gas pricing regulations
T2		Policy and regulations	Short-term	Greenhouse gas emission reporting obligations
T3		Policy and regulations	Long-term	End-use electronic products subjected to regulations, requiring continuous improvement in the energy efficiency of IC products.
T4		Technology	Long-term	Increasing R&D investment to strengthen low-power design of IC products and developing products/services in new application areas
T5		Market	Long-term	Meeting stakeholder demands, committing to or joining climate-related initiatives
T6		Market	Medium-term	Increased raw material and energy costs in the supply chain
T7		Reputation	Long-term	Increased stakeholders' attention to sustainability-related ratings
P1	Physical risk	Immediate	Long-term	Extreme precipitation or flooding leading to operational disruption
P2		Long-term	Long-term	Changes in precipitation patterns leading to water scarcity
P3		Long-term	Long-term	Extreme high temperatures leading to increased electricity consumption
P4		Long-term	Long-term	Sea-level rise causing disruption at low-lying operational sites

Climate Opportunity Analysis Matrix

No.	Category	Type	Time horizon	Opportunity
O1	Opportunity	Resource efficiency	Medium-term	Encouraging supply chain to improve resource utilization efficiency
O2		Resource efficiency	Short-term	Improving energy efficiency of existing buildings and ensuring that new sites meet green building standards
O3		Energy source	Medium-term	Self-building or procuring renewable energy to increase the proportion of low-carbon energy use
O4		Products and services	Medium-term	Moving products toward low-power design to help end-consumers reduce energy use in the usage stage
O5		Market	Long-term	Participating in public-sector carbon reduction incentives or subsidy policies
O6		Resilience	Medium-term	Diversifying energy sources to reduce operational impact when a single energy supply is affected

5.2.3 Material Climate Risk and Opportunity Management

Climate Risk Management

MediaTek considers significant climate risks as major risks posed to operational activities and integrates them into the organization's existing risk management policy and procedures. Following the Company's risk management framework, which encompasses major risks facing operational processes, each operational unit is responsible for the actual execution of risk management plans. These plans include risk identification, risk analysis, risk assessment, risk response and control, and self-monitoring. Furthermore, the management of transition risks is implemented in supply chain sustainability management and the ISO 14001 Environmental Management System. We screen suppliers in the three major ESG dimensions. This involves verifying their established management systems and organizational structures, conducting annual on-site or document audits, arranging relevant education and training or improvement meetings, and holding supplier conferences to recognize and encourage outstanding suppliers. Consistency of environmental protection goals and implementation strategies is maintained by relying on the PDCA management cycle and through adoption of systematic management approaches. In addition, a pollution prevention and mitigation mechanism has been established to maximize MediaTek's influence in the field of environmental protection.

Operational and Financial Impact Analysis

Based on the above results, the top three climate risks and opportunities are further analyzed for their potential impact on the Company and value chain, as detailed below:

Climate risks and opportunities	Primarily affected value chain	Potential operational and financial impact	Countermeasures and management costs
T1 International low-carbon transition trends and greenhouse gas pricing regulations	Direct operations	Expansion of greenhouse gas pricing regulations and increased rates lead to higher operating costs.	▸ Install solar power generation equipment on rooftops of company-owned sites and formulate renewable energy procurement plans. ▸ Continuously promote energy-saving measures, including lighting replacement, establishment of new energy-efficient data centers, immersion cooling technology in data centers, implementation of HWRD smart power management systems and air conditioning energy saving solution, and improvement of air circulation of server rooms.
T2 Greenhouse gas emission reporting obligations	Direct operations Customers	▸ Regulations require greenhouse gas emission information, necessitating investment to improve greenhouse gas inventory. ▸ Failure to accurately report complete emissions will lead to non-compliance with regulatory requirements and clients' expectations, thus resulting in regulatory risks and inability to meet clients' demands, and affecting business partnerships.	▸ Employ professional personnel to continuously improve greenhouse gas inventory procedures and quality. ▸ Collect suppliers' renewable energy usage (proportion) and greenhouse gas emissions related to MediaTek's product lines through the Company's automated supply chain management system per year. ▸ Regularly review overall supply chain emissions per year and continuously require suppliers to reduce carbon emissions.

Climate risks and opportunities	Primarily affected value chain	Potential operational and financial impact	Countermeasures and management costs
P1 Extreme precipitation or flooding leading to operational disruption	Supply chain Direct operations	Increased frequency of flood events due to extreme weather events may cause damage to MediaTek's operational sites or impact supply chain production facilities, leading to delayed supply or disruption.	**Supply chain:** ▸ Ensure that suppliers establish business continuity plans for climate physical risks, and conduct emergency response drills and reviews irregularly. ▸ Immediately activate emergency response procedures if climate disasters potentially cause operational impact and damage to suppliers, possibly affecting MediaTek' s product production or supply. A dedicated team will manage and monitor potential supplier risks and formulate response measures. **Direct operations:** ▸ Insure property ▸ Form an emergency response team before extreme weather events to execute typhoon and flood prevention measures. Activate the emergency response team's standby mechanism during an impact, and initiate recovery actions after the impact. ▸ Establish employee remote work mechanisms.
O1 Encouraging supply chain to improve resource utilization efficiency	Supply chain Direct operations Customers	Actively respond to diverse market demands for IC product carbon footprints in different regions, continuously track and regularly update existing and new clients' emission reduction expectations, and enhance business partnerships, thus facilitating revenue growth.	Plan MediaTek's product net-zero roadmap with key suppliers based on future production capacity, meticulously define and regularly review the proportion of renewable energy used for products and carbon reduction targets for short-, medium-, and long-term.
O2 Improving energy efficiency of existing buildings and ensuring that new sites meet green building standards	Direct operations	Promote energy-saving projects and implement green building standards, to reduce energy costs.	▸ Invest in energy-saving projects to reduce electricity consumption at each site. ▸ Construct new buildings in line with green building standards.
O4 Moving products toward low-power design to help end-consumers reduce energy use in the usage stage	Direct operations Customers	Low-power product design can help end-consumers reduce energy usage during the usage stage.	Adjust chip system architecture, optimize algorithms, and accelerate the adoption of advanced manufacturing processes to achieve goals of reducing product energy consumption and miniaturization, to lower environmental impact.

5.2.4 Indicators and Targets

The Company has established climate-related metrics and targets, which are regularly reported to the ESG Committee for performance and achievement status tracking, as detailed in the table below. Simultaneously, to actively manage our sustainability goals, we have also incorporated them into the environmental criteria used when evaluating our managers' remuneration. For details on managers' compensation and shareholding regulations, please refer to 3.2.3, Compensation Policy.

Climate management aspect	Corresponding material climate risks and opportunities	Metric	Goals	Performance and achievement status
Enhancing product sustainability	O4	Product energy consumption ratio	Continuously optimizing the energy consumption of our main products.	▸ Reduced the energy consumption ratio of our main products by 20% in 2024 compared to 2023.
		Product volume	Progressing toward chip miniaturization in our main products.	▸ Achieved a 5% volume reduction in our main products in 2024 compared to 2023.
Energy conservation	T1 O2	Power-saving rate	Maintain a 16.5% energy saving ratio in 2025.	▸ Achieved the original target of a 16.5% energy saving ratio in 2024.
Reducing greenhouse gas emissions	T1 T2 O1	Greenhouse Gas Emission Quantity	By 2030, we aim to reduce Scope 1 and Scope 2 greenhouse gas emissions by 40% compared to the baseline year of 2020. By 2030, we aim to reduce Scope 3 greenhouse gas emissions (from purchased goods and services, fuel- and energy-related activities, and use of sold products) by 25% compared to the baseline year 2020.	▸ Currently, our 2024 greenhouse gas emissions are still increasing, mainly due to the continuous addition of servers in our IT data centers. However, we are simultaneously taking energy-saving and carbon reduction measures. In the future, we also plan to achieve our operational emission reduction targets by increasing our use of renewable energy. Additionally, we are collaborating with key suppliers to set an annual greenhouse gas reduction target of over 2% in emissions intensity, and gradually work toward our Scope 3 emission reduction targets.
Expanding renewable energy use	T1 T2 O2	Renewable energy installed capacity	By 2030, 100% of electricity used by the Group's offices worldwide (excluding data centers) will be from renewable sources.	▸ In 2024, the installed capacity our original grid-connected solar photovoltaic system was 146.4 kW, with approximately 176,000 kWh of electricity generated. An additional four rooftop solar power plants were completed and connected to our internal network by the end of 2024, to provide power for self-consumption, with a total installed capacity of 709 kW. We plan to add a rooftop solar power plant at the new Tongluo Data Center, with an installed capacity exceeding 200 kW.
Enhancing climate physical risk resilience	P1	Days of business interruption	Number of days with operation interrupted due to climate-related risks: 0	▸ No operational interruptions occurred due to climate-related risks in 2024.
Enhancing resource recycling and reuse	Self-defined targets	Waste recycling rate	Continue to improve recycling rates or reduce the quantity of non-recyclable waste.	▸ The recycling rate reached 27% in 2024, meeting our target (higher than 26% in 2023).

5.3 Environmental Management

We are firmly committed to concrete action for the promotion of environmental protection, energy conservation, and carbon reduction in search for potential responses and adaptations for climate change mitigation. MediaTek has passed the certification audit for ISO 14001 Environmental Management System. Consistency of environmental protection goals and implementation strategies is maintained by relying on the PDCA management cycle and through adoption of systematic management approaches. In addition, a pollution prevention and mitigation mechanism has been established to maximize MediaTek's influence in the field of environmental protection. The Company has also passed the certification audit for the ISO 45001 Occupational Health and Safety Management System. The goal lies in the guarantee of workplace health and safety through systematic management.

5.3.1 Environmental Policies

As a global, fabless semiconductor company, we specialize in IC design. All manufacturing operations including wafer production, packaging, and testing are carried out by commissioned manufacturers. MediaTek therefore prioritizes green product design, green procurement and management for subcontractors, reduction of resource and energy waste, and safeguarding of employee health and safety. This not only demonstrates MediaTek's commitment to fulfilling its sustainable development but also represents a key asset securing the Company's international competitiveness in the future. MediaTek proactively implements its environmental policies through four major management approaches. In 2024, total environmental expenses amounted to NT$ 90.21 million:

Legal Compliance	Green Design	Training & Education	Ongoing Improvement of Resource Management Systems
Actions	**Actions**	**Actions**	**Actions**
▸ Compliance with ESH-related laws and requirements promulgated by the government and active responses to international environmental protection trends and zero-incident campaigns.	▸ Implementation of green design concepts including product and process energy conservation and adoption of non-toxic materials paired with stepped-up efforts in the field of green procurement and sustainability management to ensure conformity of products, services, and subcontractors to international eco-trends and thereby honor the Company's pledge to environmental protection.	▸ Improve EHS training for all staff members, increase the number of professionals in safety and health management system execution and auditing, and promote the use of personal utensils in employee cafeterias to achieve sustainable living through practical actions.	▸ Elimination of dangers, risk reduction, and ongoing improvement of management systems including ISO 14001, ISO 45001, ISO 14064-1, ISO 14046, and ISO 50001 [Note], to enhance management performance. furthermore, contractors are required to give internal and external staff members a clear understanding of ESH policies in line with the requirements laid out in the "Contractor ESH Management Procedures" and thereby ensure the adequacy and effectiveness of the ESH management system;
Achievements	**Achievements**	**Achievements**	**Achievements**
▸ Zero penalties imposed for violations of environmental safety regulations in 2024.	▸ All our products conform to RoHS Directive regarding restricted substances.	▸ In 2024, new employees' completion rate for environmental and safety training among was 100%. We also saw an increase of 184 people who obtained internal audit certifications for management systems. Our employee cafeterias' promotion of use of personal utensils resulted in an estimated annual waste reduction of 180,528 kg, which is equivalent to reducing approximately 65 tons of CO_2e emissions.	▸ Throughout 2024, we successfully completed external verification of the aforementioned ISO management systems, thus achieving our goal of aligning with the latest international management systems.

Note: ISO 14001 (valid from August 17th, 2022, to August 17th, 2025, covering Buildings A and B office buildings in the Hsinchu Science Park); ISO 45001 (valid from July 30th, 2022, to July 30th, 2025, covering A and B office buildings in the Hsinchu Science Park Buildings); ISO 50001 (valid from January 13th, 2022, to January 13th, 2025, covering A and B office buildings in the Hsinchu Science Park Buildings); for ISO 14064-1 and ISO 14046, we passed 2024 verification (covering offices in the Hsinchu Science Park, Zhubei, Taipei, and Tainan).

Environmental expenditure

Unit: NT$ thousand

Annual certification audits of the ESH management system	Commissioned clearance of domestic waste	Office and floor cleaning	Landscape maintenance
1,500	4,181	69,018	4,662

Sewage pool cleaning	Vector controls	Cleaning supplies	Total expenditures
1,803	2,445	6,599	**90,208**

5.3.2 Energy Management

SDG 7.3

In response to industry expansion, MediaTek continued to expand its IT data center scale in 2024, which consumed 190,603,000 kWh of electricity, a 6.6% increase compared to the previous year. Although total electricity consumption increased, MediaTek remains dedicated to energy-saving and carbon reduction measures. This year, our electricity saving ratio reached 16.5%, successfully achieving the 16.5% target set in 2023. We will continue to plan and implement various energy reduction measures while maintaining the 16.5% electricity saving target for 2025.

Energy use conditions in the past three years

Energy	2022	2023	2024
Natural gas (GJ)	0	219	255
LPG (GJ)	6,751	6,778	6,050
Gasoline (GJ)	0	238	220
Diesel (GJ)	1,280	932	897
Purchased electricity (GJ)	595,827	643,577	686,171
Renewable energy (GJ) (renewable energy certificate)	0	0	0
Total (GJ)	603,858	651,743	693,593
Energy intensity (GJ per person)	49.0	52.9	55.6
Ratio of electricity to total energy use (%)	98.67%	98.75%	98.93%
Renewable energy usage rate (%)	0.00%	0.00%	0.00%

Note: Heating value units are based on the heating value chart released by the Bureau of Energy.
Note: The increased energy consumption in 2024 compared to 2023 can mainly be attributed to the higher number of employees and ongoing expansion of the IT data center scale; the higher energy intensity can mainly be attributed to the fact that the extent of the power consumption increase exceeds the extent of staff increase.

Three priorities of energy management and conservation in 2024

Efficiency enhancement	Energy-saving equipment and design	Self-generated electricity
High-density, energy-efficient data centers	Achieved the milestone of using LED energy-efficient lighting in all operational buildings.	Solar power system
▸ The new-generation, high-density, energy-efficient data centers represent a brilliant example of successful transformation by overcoming the capacity limitations of traditional data centers and are expected to provide powerful backing for technology R&D. ▸ We innovatively adopted immersion cooling technology and completed a Proof of Concept (POC), thus becoming an industry benchmark for energy efficiency.	▸ All operational buildings have been updated to use LED energy-efficient lighting. The designs of the three new buildings under construction all conform to Taiwan's green building standards, and we take the initiative to conduct carbon emission inventory during the construction process.	▸ First private enterprise in the Hsinchu Science Park with a Taipower grid-connected solar power system installed on a rooftop with an installed capacity of 146.4 kW. ▸ An additional four rooftop solar power plants were completed and connected to our internal network by the end of 2024, to provide power for self-consumption, with a total installed capacity of 709 kW. ▸ We plan to add a rooftop solar power plant at the new Tongluo Data Center in 2025, with an installed capacity exceeding 200 kW.

Priority 1

High-density, energy-efficient data centers

total electricity saving benefit: 20.3 million kWh

Due to MediaTek specializes in the development of innovative technologies, it has a constantly rising demand in the field of data computing quality and quantity. The Company has made a long-term commitment to enhancing data center performance in consideration of the fact that the data center environment affects data computing efficiency and high-speed computing consumes large amounts of energy.

High-density, energy-efficient data center achievements and goals

Current achievements

- We continuously optimize our data center energy efficiency indicator (Power Usage Effectiveness, PUE). Our three new energy-efficient data centers achieved an overall PUE of 1.33 in 2024, with energy efficiency improved by 17% compared to traditional server rooms.
- In 2023, we completed testing of immersion cooling technology and verified that PUE performance could be further reduced to below 1.1. In 2024, we completed the overall design planning for introducing immersion cooling technology into new data centers, with operations expected to begin in 2025 using this innovative energy-saving technology.

Short-term Within the next 3 years

- We continuously to optimize the energy efficiency of our three new data centers and transfer servers from traditional server rooms to these new facilities.
- We put simultaneous emphasis on corporate development and energy conservation & carbon reduction and establishment of an optimized global management practice sharing platform to facilitate the sharing of the best energy-saving resources and methods adopted in offices all over the world.
- By 2025, we plan to integrate immersion cooling technology into the operations of our next-generation data centers, while simultaneously phasing out traditional, energy-intensive server rooms.

Long-term By 2030

- We aim for a cumulative electricity saving rate of over 10% for our entire data centers from 2024 to 2030.
- We will continue to expand the scale of data centers with immersion cooling technology and seek opportunities to continuously optimize energy-saving.
- All global offices will continue to implement energy conservation improvements based on shared examples of energy conservation improvement practices.

Three new energy-efficient data centers continuous optimization

Limitations of traditional centers have been overcome through improvements of power systems, air conditioning, cabinets, corridors, and lighting, successfully transforming into a new-generation high-density, energy-efficient data center which can support the demands of the latest high-energy, high-heat servers and provides powerful backing for technology R&D. The overall PUE performance of our new data centers is 1.33, a significant 17% improvement in energy efficiency compared to 1.6 PUE for traditional server rooms, thus meeting the Leadership in Energy and Environmental Design (LEED) Gold certification standard for green buildings.

Additionally, considering the long working hours of IT personnel in data centers, we have formulated principles of flexible, modular, partitioned, and virtualized design that balance data protection, environmental care, and friendly workplace concepts to realize the following five major data center functions.

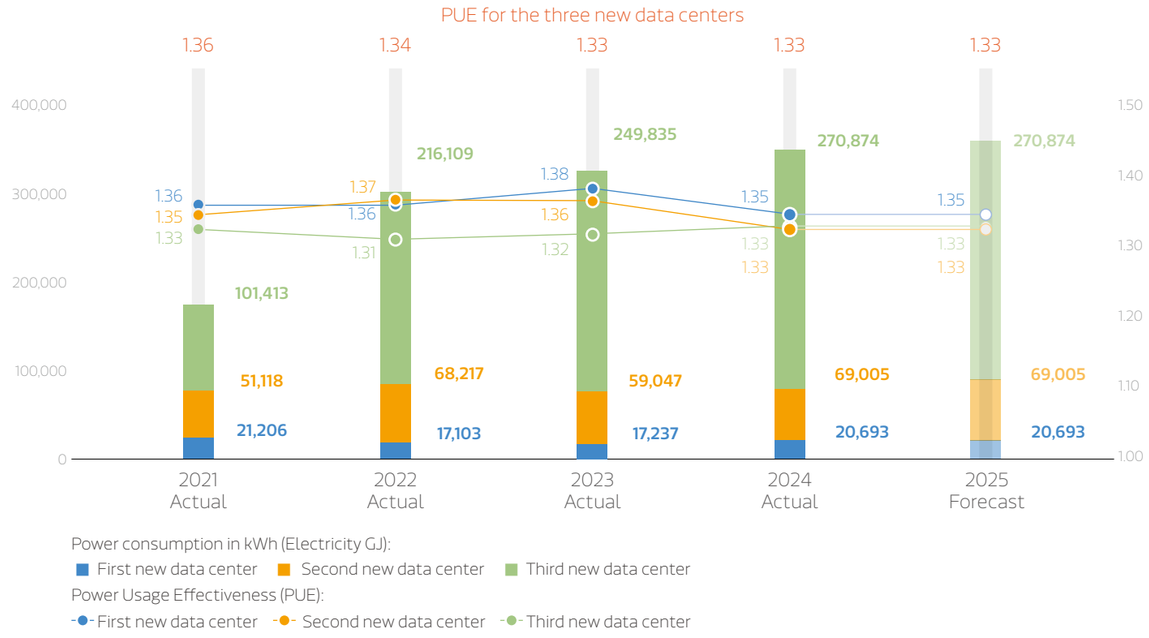
Software	Data Security	High reliability ensures a firm grasp of data center risks
	Flexibility & scalability	Architecture that satisfies the need for flexibility and cabinet variability.
	Friendly workplace	Creation of a high-quality, green data center through the installation of high-performance power supply equipment/cooling equipment
Hardware	Management efficiency	Optimized spatial layout ensures enhanced workplace comfort through separation of cool/hot corridors.
	Management efficiency	Integrated management platform ensure the provision of real-time support for data center operations, simulations, analysis, and decision making.

Full-load electricity saving benefits achieve electricity savings of 20.3 million kWh, saving approximately NT$ 81 million in annual electricity costs. Under full load conditions, the three high-density, energy-efficient data centers generate annual energy savings of 1.76 GWh (6,336 GJ), 4.34 GWh (15,624 GJ), and 14.2 GWh (51,120 GJ) respectively, with the total estimated power saving of 20.3 GWh (73,080GJ) [1]. compared to traditional data centers. Total carbon emission reductions are roughly equivalent to the annual carbon sequestration of 26 Da'an Forest Parks [2].

Note 1: 20,300,000 kWh * 0.494 (electricity carbon emission factor) = 10,028,200 kg CO_2e = 10,028 tons CO_2e

Note 2: According to the National Important Wetland Carbon Sequestration Survey Project by the Urban and Rural Development Branch, National Land Management Agency, Ministry of the Interior, Da'an Forest Park's annual carbon absorption is 386 metric tons.

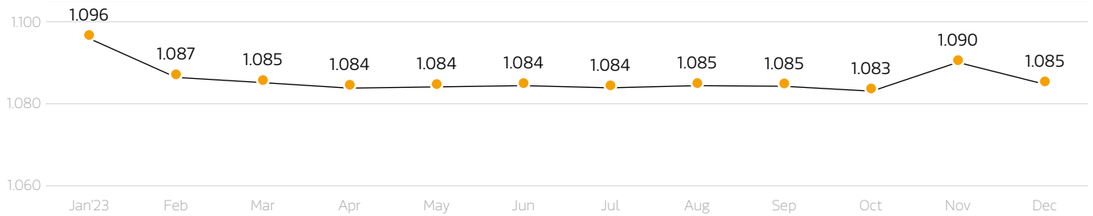
Electricity Consumption and PUE (past 4 years and upcoming year forecast)



Immersion cooling technology adoption innovation

To meet the exponentially increasing computing power demands of next-generation servers, existing air-cooling technology will be unable to meet future heat dissipation demands. While innovating, we are actively working toward our net-zero emissions goal. We are leading the industry in the physical installation and performance testing of immersion cooling technology. By verifying the actual operational results in 2023, the PUE can significantly improve to below 1.1, to continuously enhance data centers' power efficiency by nearly 20%. In 2024, we completed the overall design planning for introducing immersion cooling technology into new data centers, with operations expected to begin in 2025 using this innovative energy-saving technology.

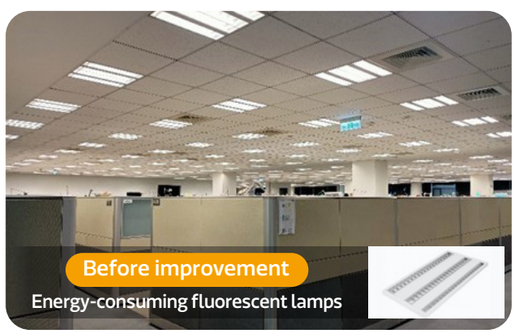
Immersion cooling technology PUE performance



Priority 2 Using LED energy-efficient lighting in all operational buildings

Six buildings originally used energy-intensive fluorescent lights. All were replaced with energy-efficient LED lighting by 2024, with an investment exceeding NT$ 70 million. This change results in an electricity saving benefit of approximately 6.5 GWh a year. Eight buildings, constructed after 2019, are equipped with energy-efficient LED lighting from the outset, with over 11,000 fixtures. This provides an electricity saving benefit of approximately 1.9 GWh a year. MediaTek has successfully achieved its goal of having all office buildings use energy-efficient LED lighting. This continuous improvement effort has been recognized and rewarded with energy-saving subsidies from the Ministry of Economic Affairs and the Taipei City Government.

Furthermore, the three new buildings currently under construction not only incorporate energy-efficient LEDs but also feature overall designs that meet Taiwan's green building standards. One of these new buildings obtained a Diamond-level candidate green building label in 2023, and another concurrently is in line with Taiwan's smart building standards. Throughout the construction process of all new buildings, MediaTek takes the initiative to conduct carbon emission inventories, to fulfill its corporate social responsibility.

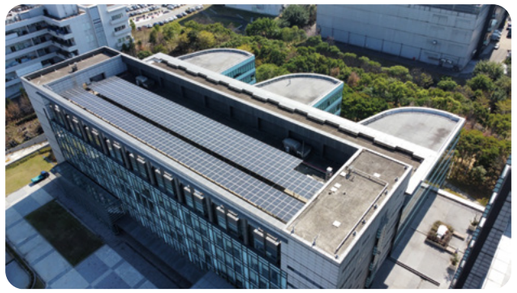


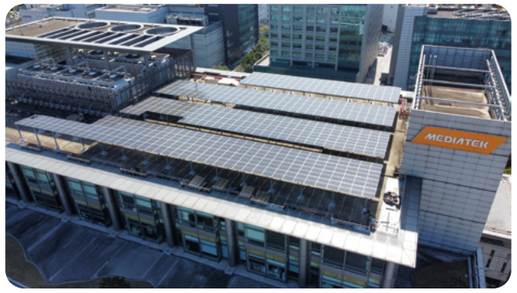
Priority 3 Self-generated solar power plants

average annual carbon reduction of approximately 92 metric tons

Idle space on the rooftop of Building E of Corporate HQ has been utilized for the installation of a solar power system in line with the government's green energy policy as an early adjustment to the impact of climate risks on the Company's operations. This is the first Taipower grid-connected, rooftop-type solar power system installed by a private enterprise in the Hsinchu Science Park.

Upon installation of the system, the rooftop temperature has dropped by 3-5 ℃ , which allows reduced air conditioning use on the top floor of the Corporate HQ office building. The installed capacity of the PV system which was connected to the Taipower grid in March 2019 equals 146.4 kW. Total power generation from March 2019 to December 2024 amounted to 1.09 GWh. In 2024, electricity generated was approximately 176,000 kWh (634 GJ). Compared to the electricity consumption of 190.6 million kWh (686,171 GJ) in 2024, this accounts for approximately 0.1%. Additionally, four other rooftop solar power plants were completed and connected to our internal network by the end of 2024, to provide power for self-consumption, with a total installed capacity of 709 kW. We plan to add a rooftop solar power plant at the new Tongluo Data Center in 2025, with an installed capacity exceeding 200 kW.





▲ Four rooftop solar power plants located on Buildings A through D at headquarters

5.3.3 Greenhouse Gas Emission Management

SDG 13.2

Scope 1 & 2 GHG emissions

Sources of GHG emissions from resource use include purchased electricity, common facilities, boilers, cooling towers, and chillers. Purchased electricity, the main emission source, accounts for 95.74% of Scope 1 & 2 emissions. As the Company's scale of operations continues to grow, we are committed to improving energy efficiency and planning for renewable energy use in order to reduce greenhouse gas emissions from our operations. The main reduction measures in 2024 include continuous improvements to data center energy efficiency, the use of LED lights in all offices, and the linked supply and reduced operation of chiller units to enhance electricity efficiency. In addition, the Company continues to pay attention to various climate actions, such as the Science Based Targets (SBT) that limit the global temperature rise to 1.5° and the global renewable energy initiative—RE 100. In the first half of 2025, we successfully passed the SBTi's review. With 2020 as the baseline year, we target a 40% reduction in Scope 1 and Scope 2 emissions by 2030 and aim to achieve the SBT net-zero target by 2050. We also commit to achieving 100% renewable energy use for at the Group's offices worldwide (excluding data centers) by 2030. Enhancing the use of renewable energy is currently one of the main ways to reduce carbon for companies around the world, and it is also MediaTek's essential approach to reduce greenhouse gas emissions. Therefore, the company will continue to plan the renewable energy use target in two years, in order to gradually realize the effectiveness of corporate greenhouse gas reduction。

Scope 3 GHG emissions

In accordance with MediaTek's SBT commitment, we aim to reduce Scope 3 greenhouse gas emissions (from purchased goods and services, fuel- and energy-related activities, and use of sold products) by 25% compared to the baseline year 2020. To achieve this, we will continue to promote various upstream and downstream reduction measures, and collaborate with our value chain partners to work toward the 2050 SBT net-zero target.

Shuttle bus services

With a view to reducing carbon emissions from employee commuting, MediaTek proactively adopts environmental protection measures targeted at transportation issues which are of immediate concern to employees. In 2024, carbon emissions generated from transportation amounted to around 396 metric tons CO_2e. To practically respond to the low carbon emission trend, in addition to maintaining the scheduled shuttle bus and electric shuttle bus between offices, a total of electric vehicle charging stations were installed in 2024. Furthermore, in March 2023, we partnered with Gogoro to launch the first corporate battery-swapping station in the Hsinchu Science Park. Since its launch until the end of 2024, we have cumulatively reduced 149 metric tons of carbon emissions.

Promoting green supply chain

As a chip design company at the forefront of the semiconductor value chain, MediaTek relies on suppliers for raw material procurement, contract manufacturing, packaging, and testing. Therefore, managing greenhouse gas emissions from production and manufacturing within the supply chain is one of our key Scope 3 reduction priorities. In 2024, we executed a total of 28 carbon reduction-related continuous improvement projects, with a carbon reduction benefit of approximately 40,372 tons of CO_2e per year. More details can be found in Section 5.1 Responsible Supply Chain Management.

Reducing product energy consumption and product miniaturization

MediaTek's core technology lies in chip design. We are committed to integrating environmental sustainability from the chip design stage. By the chip system architecture adjustment, algorithm optimization, and accelerated implementation of advanced manufacturing processes, the main product energy consumption rate reduced by 20% in 2024 from 2023, when the product was in use. More details are available in Section 2.3 Innovation Achievements.

MediaTek GHG emission status of 2024

Item	Scope 1 GHG emissions			Scope 2 GHG emissions		
Description	Direct emissions from sources owned or controlled by the organization			Indirect emissions from electricity input, heat, or steam		
Emission quantity (ton CO_2e)	6,619	4,001	4,185	82,160	88,300	94,158
year	**2022**	**2023**	**2024**	**2022**	**2023**	**2024**
Scope of collected emission data*Revenues/Taiwan Office Personnel Ratio (%)	100%	100%	100%	100%	100%	100%

Note: MediaTek has been conducting autonomous inventories since 2016 The main reason for the increase in greenhouse gas emissions in 2024 is the continuous expansion of IT data center scale and an increase in employee numbers to meet operational demands.
Note: Scope: Offices in the Hsinchu Science Park, Zhubei, Taipei, and Tainan offices (100% coverage)

MediaTek GHG emission quantity of 2024 statistics

Unit: ton CO_2e

Greenhouse gas type	CO_2	CH_4	N_2O	HFCs	PFCs	SF_6	NF_3	Total
2024	94,634.12	1,005.59	0.80	2,702.96	0.00	0.00	0.00	98,343.47

Note: GWP values are based on the IPCC Sixth Assessment Report.
Note: For electricity carbon emission factors, since the 2024 electricity carbon emission factor was not yet announced during the greenhouse gas inventory verification, a factor of 0.494 kg CO_2e/kWh was used for calculations.

Greenhouse Gas Inventory and Verification Targets

Taiwan	Global	
Current achievements	**Short-to-medium-term** Next 1- 3 years	**Long-term** Next 3-5 years
Completed the greenhouse gas inventory for our Taiwan offices (Hsinchu Science Park/Zhubei/Taipei/Tainan) and passed external verification (ISO 14064-1: 2018).	We are implementing a carbon management system to assist with the consolidated company's greenhouse gas inventory and verification process. This is scheduled to be completed by 2025, which is two years ahead of the schedule[Note] mandated by the competent authority, based on MediaTek's applicable timeline.	We will continue to conduct the consolidated company's greenhouse gas inventory and verification per year using the carbon management system.

Note: Sustainable Development Roadmap for TWSE/TPEx Listed Companies promulgated by the competent authority

Green Transportation

Item	Description	Effects
Shuttle bus services for commuters	▸ Since 2015, we have offered employee shuttle buses at fixed points to transport staff to and from work. This carpooling service not only helps reduce energy consumption and carbon emissions associated with commuting by car but also raise awareness of environmental protection concepts among employees.	▸ In 2024, a total of 67,921 passenger trips were recorded (four routes and seven scheduled shuttle trips for both morning and evening commutes), with an increase of approximately 17.5% compared to 57,826 passenger trips in 2023. We continue to optimize routes and promote carpooling services to improve efficiency.
Shuttle bus services between office buildings	▸ We provide shuttle bus services between office buildings in 20-minute intervals to reduce energy consumption and carbon emissions associated with commuting by car.	▸ In 2024, a total of 9,891 passenger trips were recorded, an increase of approximately 54% compared to 6,442 passenger trips in 2023. We continue to promote this service to enhance efficiency.
M-Bike services between office buildings	▸ We provide ten bicycles for commuting between office areas without carbon emissions to encourage employees to adopt eco-friendly lifestyles and engage in regular exercise.	▸ In 2024, bicycle usage reached a total of 621 instances, marking an increase of 166 instances compared to 455 in 2023. This rise is attributed to improved convenience through e-management and the addition of new stations.
Company-owned e-scooters for security personnel	▸ We provide two e-scooters for office patrols and inspections by security personnel to respond to the trend of integrating environmental protection and transportation lifestyles.	▸ Total distance traveled amounted to 1,100 km in 2024, similar to the mileage in 2023.
EV charging stations	▸ In line with the low-carbon trend of electric vehicles, we have installed electric vehicle charging stations to improve convenience for employees and are continuously expanding their scale.	▸ In 2024, we expanded the scale to 21 stations, leading to an annual carbon reduction of approximately 241 metric tons. This is an increase of two stations and a carbon reduction of 67 metric tons compared to 2023.
E-scooter battery-swapping stations	▸ In partnership with Gogoro, we co-established the first corporate battery-swapping station in the Hsinchu Science Park.	▸ Launched in March 2023, the usage reached 30,467 instances in 2024, resulting in an annual carbon reduction of approximately 90 metric tons.

5.3.4 Water Resource Management

SDG 6.4

MediaTek's offices source water from local water treatment plants. In 2024, with the continued expansion of our IT data centers and an increase in employee numbers, we consumed a total of 525,064 metric tons (approximately 525 million liters) of water, representing a 3.6% increase from the previous year. Despite the increase in total water consumption, MediaTek continues to implement water resource improvement plans and various water reduction measures, thus achieving total savings of approximately 23,376 metric tons. In terms of risk management, the WRI Aqueduct tool was used to simulate the IPCC RCP 8.5 scenario to simulate and confirm that the sites in Taiwan are not located in areas with high water stress. Our wastewater is mostly domestic sewage. It is discharged into natural water bodies upon treatment in wastewater plants in a unified manner in accordance with regional regulations to avoid local environmental impacts. The total discharged wastewater quantity of 218,300 metric tons (around 218 million liters) in 2024 is 1.6% more than the previous year for the same reason as the said increase water consumption.

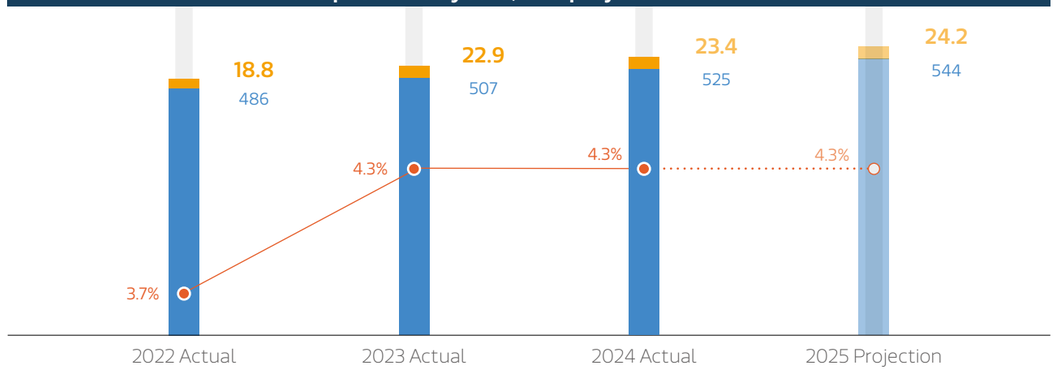
Water consumption for the past three years

Year	2022	2023	2024
Water intake (million liters)	486	507	525
Water consumption (million liters)	283	292	307
Water discharge (million liters)	203	215	218

Note: One metric ton of wastewater is approx. equivalent to 0.001 million liters

Item	Effects	Adopted Improvements
Equipment Replacement	**Water savings of 8,216 tons**	Enhanced efficiency: Utilization of water-saving devices (incl. automatic faucets, water-saving toilets, and use of water-saving faucets for washing water in recycling areas)
Water Resource Recycling	**Water savings of 839 tons**	Installation of rainwater recycling tanks - recycled rainwater can be used for cooling towers
	Water savings of 14,320 tons	Condensed water from air conditioning systems and recycled RO water can be utilized for garden irrigation to reduce the waste of water resources

Water consumption, water savings and water saving rate in the past three years, and projections for 2025



Note: Scope: Offices in the Hsinchu Science Park, Zhubei, Taipei, and Tainan offices (100% coverage) (Million liters)
Water consumption Water savings Water conservation rate

5.3.5 Waste Management

SDG 12.5

First enterprise in the Hsinchu Science Park area to set up a resource recycling machine in cooperation with EPA.

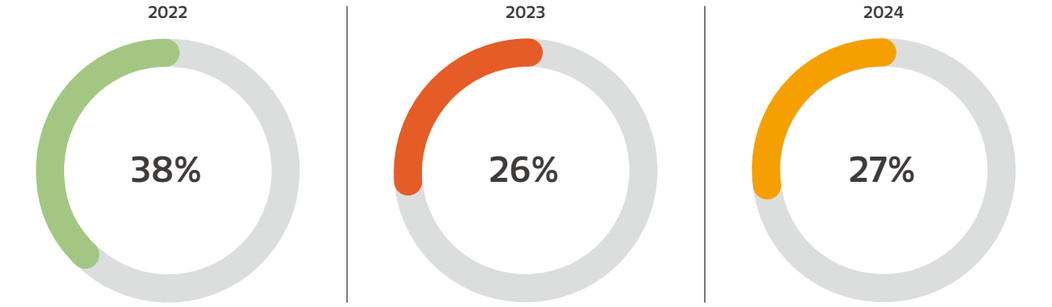
We reinforce waste management and prioritize waste reduction to realize the goal of resource recycling and reuse. Sorting, recycling, reuse, and proper treatment is carried out in a conscientious manner. In addition, ongoing improvements are implemented in the fields of waste storage, transportation, and treatment and environmental impacts. MediaTek selects qualified manufacturers for waste disposal and reuse operations in a rigorous manner and conducts non-scheduled audits of the legality of waste clearance processes to fulfill its supervision responsibility. In 2024, our waste treatment and recycling rate was 27%. We will continue to increase the recycling rate or reduce the amount of non-recyclable waste to achieve continuous improvement goals. In addition, we are the first enterprise in the Hsinchu Science Park area to set up a resource recycling machine in cooperation with EPA and offer detailed information on our achievements as a reference for other companies.

Waste Treatment Statistics for the Past Three Years

Category	Waste category	Treatment method	2022 Treated quantity (metric tons)	2022 Percentage (%)	2023 Treated quantity (metric tons)	2023 Percentage (%)	2024 Treated quantity (metric tons)	2024 Percentage (%)
General business waste	Domestic waste	Incineration	99.07	45.33%	130.55	59.13%	132.08	56.69%
	Waste paper	Recycling	60.12	27.51%	46.32	20.98%	48.95	21.01%
	Waste iron container	Recycling	0.18	0.08%	0.14	0.06%	0.15	0.06%
	Waste aluminum container	Recycling	0.18	0.08%	0.00	0%	0.15	0.06%
	Waste lighting source	Recycling	0.05	0.02%	0.00	0%	0.00	0%
Hazardous business waste	Scrapped electronic parts and components scraps and defective products	General reuse	58.95	26.98%	43.78	19.83%	51.65	22.17%
Total			218.55	100%	220.79	100%	232.98	100%

Note 1: Hazardous business waste mainly comes from defective products returned by suppliers for testing purposes. MediaTek is a fabless IC design company, so it does not generate hazardous business waste from manufacturing processes. All waste listed in the table above is disposed of off-site.
Note 2: Hazardous industrial waste treatment method: First, waste undergoes crushing to facilitate the extraction and reuse of precious metals. The remaining material then undergoes stabilization treatment.
Note 3: The increase in domestic waste in 2023 and 2024 is mainly due to an increase in employee headcount.
Scope: Offices in the Hsinchu Science Park, Zhubei, Taipei, and Tainan offices (100% coverage)

Recycling rate in the most recent three years



Note 1: Recycling rate = Recycled quantity / Total general business waste quantity
Note 2: The 2023 recycling rate was corrected in the table above due to data errors.
Note 3: The higher recycling rate in 2022 was mainly due to a significant scale-up in the Company's operations and various internal unit relocation adjustments, leading to a larger amount of wastepaper generated and thus an increase in recycled quantity.

5.4 Environmental Protection and Biodiversity

Following the official release of the Taskforce on Nature-related Financial Disclosures (TNFD) in 2023, global attention to biodiversity issues has grown significantly. MediaTek recognizes the critical importance of biodiversity to the Earth's ecosystems and understands the key role that forests play in maintaining ecological balance, regulating the climate, and providing essential resources for human survival. Therefore, MediaTek supports international initiatives such as the United Nations Convention on Biological Diversity (CBD), the Kunming-Montreal Global Biodiversity Framework (K-M GBF), as well as the Sustainable Development Goals (SDGs). We have drafted MediaTek Biodiversity Statement in 2024, which is scheduled for release in 2025.

Our Actions

New building construction to protect local native species and connect with local culture

Collaboration with National Taiwan University to preserve old trees at our Hsinchu HSR Office Building

The construction of MediaTek's Hsinchu HSR Office Building began in 2024. During the overall building construction period from 2022 to 2027, MediaTek is partnering with National Taiwan University on an industry-academia collaboration project. The existing century-old banyan tree and the "Shisan Jia Bogong Temple" on the site will be transformed into an old tree cultural park and civic plaza for public recreation. We have invested over NT$ 10 million in project funding for the maintenance of large trees during construction, including pest and disease control, nutritional supplementation, aerial root guidance for structural improvement, tree shaping and pruning, and habitat soil improvement, to minimize the impact on the banyan tree's growth during construction. In addition, MediaTek will construct an elevated connecting bridge and open it to the public. Besides connecting Hsinchu HSR Station and the new office building, the bridge will extend to the Hsinchu Biomedical Science Park behind the building, to facilitate public access and demonstrate MediaTek's care and commitment to the community.

Brown Root Rot Treatment and Protection Plan

At the newly constructed HC-F building in the Hsinchu Science Park, we invested NT$ 3.5 million in protection plan for tree habitat remediation and brown root rot treatment. This effort preserved 113 existing precious native tree species, such as Loblolly Pine, Japanese Black Pine, and Camphor trees, contributing to the ecological environment of the Hsinchu Science Park.

Native Species Preservation and Ecological Engineering Methods at Tongluo Building

At the building under construction in the Miaoli Tongluo Science Park, MediaTek has invested NT$ 6.6 million to create diverse biological habitats. This includes the preservation of 9 existing native trees such as Pigeon Wood, with the addition of 194 newly planted native trees, which is built with a multi-layered planting design to create a small forest. In terms of building materials and construction methods, all areas within the site, except roads, are paved with grass pavers to achieve permeability and greening effects. The green belt drainage system features pebble ditches for water retention, ensuring that the entire site is equipped with both natural preservation and water permeability/retention functions.

MediaTek's "Genius for Home" Local Support Initiative

MediaTek's "Genius for Home" program enters its seventh year. In 2024, 11 teams applied for local support. Among these, CoCoTree Technology was officially founded and began operations in 2023. Through "nature-based" solutions, CoCoTree provides comprehensive and precise quantifiable forest management information to maintain the sustainability of forest environments. Currently, CoCoTree Technology has partnered with the Kaohsiung City Agriculture Bureau on a project to manage 438 hectares of forest land and is further planning to enter angel round funding.

For more information, please refer to 6.1 Digital Social Innovation of the report.

MediaTek Employees Planted 660 Tree Saplings

On Arbor Day 2024, about a hundred MediaTek employees took volunteer leave to personally plant 660 tree saplings at the coastal forest at Hsin Yue Beach in Zhubei.

For more information, please refer to 3.4 Diverse Channels to Enhance Employee Engagement and Two-Way Communication of the report.