

# 2023 TCFD

## Task Force on Climate-related Financial Disclosures Report

## Climate Action Commitment

Welcome to the second TCFD report compiled by PLANET Technology Corporation.

Since its establishment in 1993, PLANET Technology Corporation (PLANET), through its adherence to the entrepreneurial spirit of “altruism”, “mutual benefits”, “innovation” and “sustainability”, has been specializing in the global networking and communication industry for 30 years. Exported under its own brand “PLANET”, it occupies a key position among world-leading networking and communication brands. At the same time, the Company has been continuously improving its ESG performance in all aspects, expanding its corporate influence and lay a solid foundation of sustainable corporate development.

### **Increasing economic value and enhancing sustainable governance**

In 2023, PLANET's revenue reached a new high, exceeding NT\$1.8 billion. To achieve the objectives of sustainable corporate governance, the Company has strengthened climate related risk management, obtained information security certifications including ISO 27001 and IEC 62443-4-1 certification, carried out supplier RBA audit, and developed a strategy to cope with EU's Carbon Border Adjustment Mechanism (CBAM) in advance, which have enhanced the operation resilience of the Company. In 2023 Corporate Governance Evaluation in Taiwan, PLANET was ranked in the top 5% among TPEX-listed companies as well as in the top 5% among all listed companies with market value between NT\$ 5 billion and NT\$10 billion. Meanwhile, due to transparent disclosure of sustainability information, it has received the highest honor “2023 Taiwan Corporate Sustainability Awards - Platinum Award for Sustainability Report”.

### **Building sustainable supply chains and striving for net-zero carbon emissions by 2050**

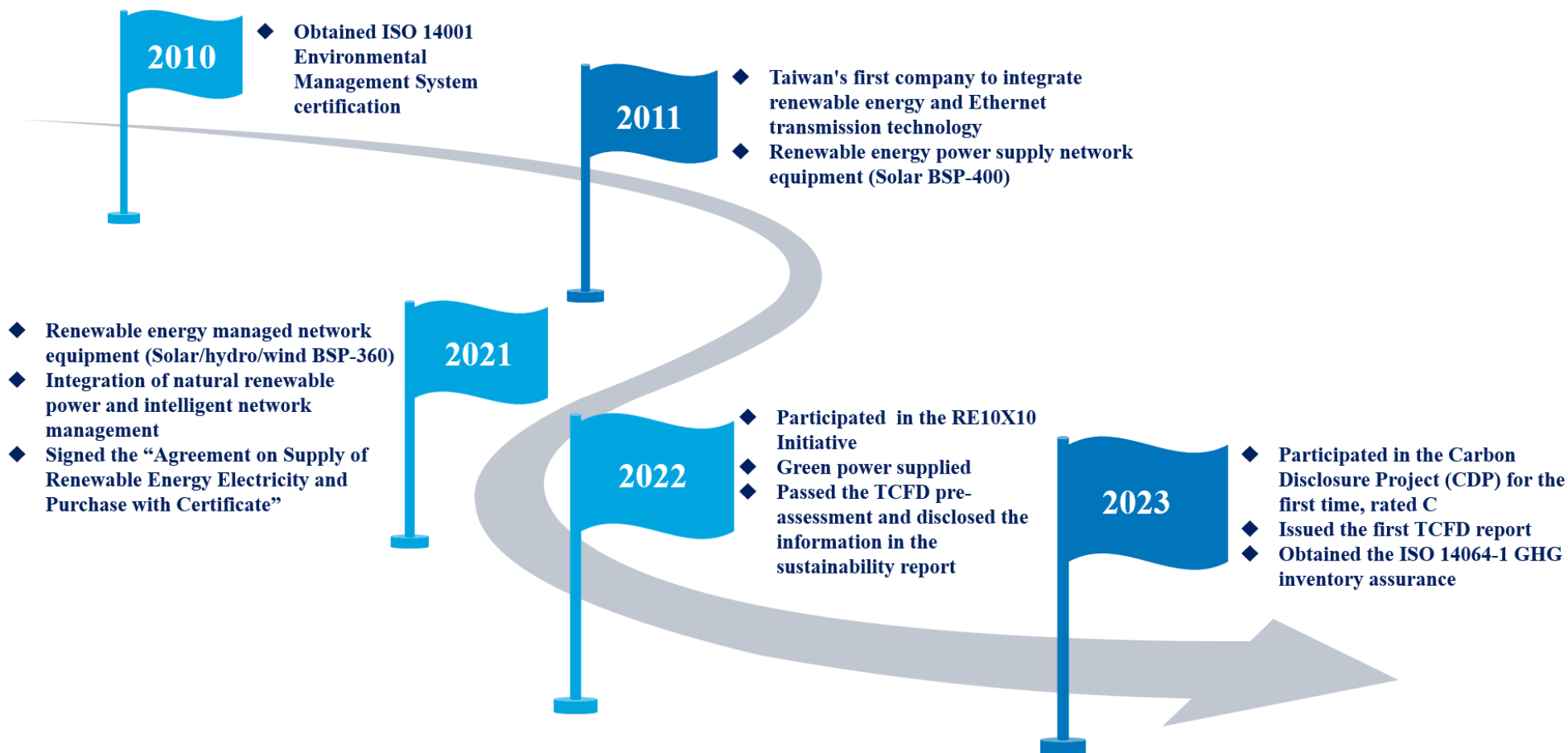
PLANET has always been concerned about climate change and international sustainability issues, actively moving towards the goal of net-zero carbon emissions by 2050. The Company has built sustainable supply chains and established carbon management mechanism to implement supply chain carbon inventory and carbon footprint, and has obtained ISO 14064-1 Greenhouse Gas (GHG) Inventory certification. PLANET is also actively involved in international sustainability initiatives including the CDP Carbon Disclosure Project, the “4 Per 1000” Initiative, and being a TCFD supporter. In its daily operations, the Company encourages all employees to reduce carbon emissions with an innovative manner and technological measures. This dedication earned PLANET the "Bronze Medal" in the first “Let's Go Green” Competition organized by the Ministry of Environmental Protection in 2023.

PLANET also works closely with its supply chain partners and customers to march towards net-zero emissions. The Company has participated in the adoption of Pinglin organic tea plantation for 13 consecutive years, to protect water resources and ecology in Greater Taipei. Since 2022, the Company has called on 202 enterprises and 175 individuals to participate in the "Clean Air, Clear Mind Action" program, which has helped 7,800 hectares of rice fields stop burning rice straw, reducing carbon emissions by about 70,000 metric tons, equivalent to the annual carbon adsorption of 5.84 million trees. To better convey the positive energy of environmental sustainability, PLANET made a micro film of the program and received the Silver Medal at the 2023 Taipei Golden Eagle Micro-movie Festival.

Jack Chen  
Chairman & CEO



## Important Milestones in PLANET's Climate Transition



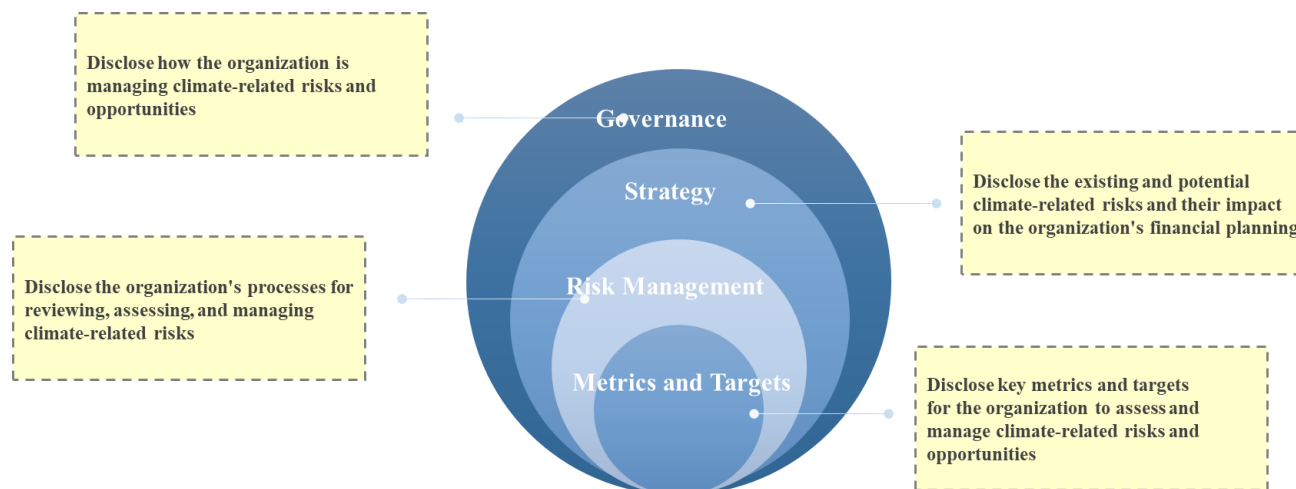
## 01.Principles and Scope of Task Force on Climate-Related Financial Disclosures

In response to the increasing concerns about global warming, extreme weather and climate events, energy saving, safety and health and environmental conservation, PLANET officially became a Supporter of the Task Force on Climate-related Financial Disclosures (TCFD) in 2023. In May 2022, the Company received the external assurance from the BSI and obtained the “TCFD Performance Assessment – Level 4-Satisfying” statement. In the same year, PLANET published its first “Task Force on Climate-related Financial Disclosures Report”. Following the TCFD recommendations issued by the Financial Stability Board (FSB), PLANET has established a risk framework based on the four core elements of climate-related financial information disclosure, namely “Governance”, “Strategy”, “Risk Management”, and “Metrics and Targets”, which will enable the Company to identify material risks and opportunities that may impact its operations and to develop the responding measures and strategies.

PLANET pays close attention to global climate trends and international responses and includes climate change as one of the material issues and major risks into its corporate sustainability. The Company continuously carries out analysis and control, and works hard to mitigate and adapt to GHG emissions. Since 2023, PLANET has conducted GHG emission inventory and obtained third-party assurance. The Company also participates in the reduction programs voluntarily and discloses its GHG management information for the reference of stakeholders.

This is PLANET’s second “Task Force on Climate-related Financial Disclosures Report”, which covers the Company’s major operating location: New Taipei City Headquarters.

### The four core elements of climate-related financial information disclosure



## 02. Governance of Climate Change

### (1) Board's oversight of climate-related risks and opportunities

The operations of PLANET's Board of Directors, Sustainable Development Committee and Risk Management Committee are regulated by the "Regulations Governing Procedures for Board of Directors Meetings", the "Organizational Procedures of Risk Management Committee", and the "Organizational Procedures of Sustainable Development Committee" respectively. The Sustainable Development Committee is a functional committee under the Board of Directors, and is the highest governance unit for the promotion of sustainable development. The Sustainable Development Committee has a total of five members, comprising four independent directors (Chen, Shuh; Huang, Hsin Hsien; Chang, Pao-Thai; Chen, Chun-Mei) and one director (Hsu, Hwa-Lin). In line with the operation of the Company, the Sustainable Development Committee has appointed a chief officer (Chairman) of the committee and set up a "Sustainability Team" and a Sustainability Office at the operating level to focus on the implementation of sustainability and corporate social responsibility. The committee continuously monitors the overall environment, the major issues of concern to stakeholders, and the industry trends, sets corporate sustainability goals, and formulates strategic and long-term measures. In addition, the committee conducts regular reviews of the Company's goal attainment and performance in relation to corporate sustainability.

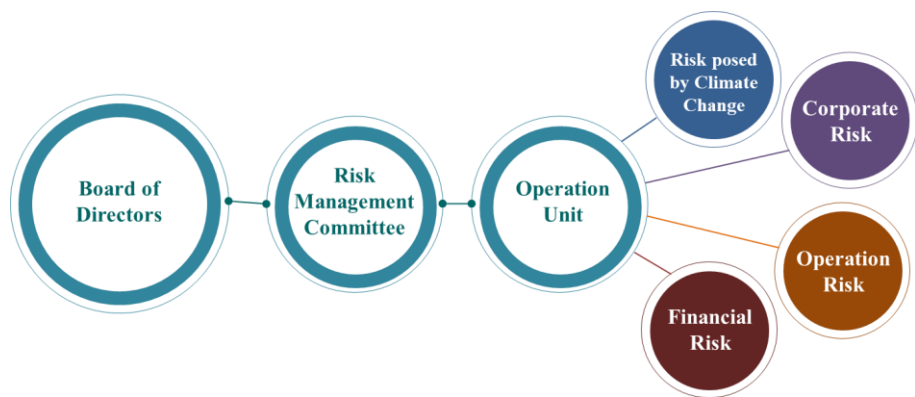
The "Sustainable Development Committee" regularly reports to the Board of Directors every six months on the progress and implementation status of the planned works. The Board is responsible for guiding and reviewing the risk and opportunity items related to climate change, the results of evaluations, response strategies and management performance, and continuously tracking the implementation status of the response measures for high-risk items, with a view to comprehensively strengthening corporate sustainability policies and implementation performance. In 2023, the committee reported to the Board on May 29 and December 20 on climate change-related risk management, strategies and target setting, implementation status of sustainable development in 2023 and the 2024 annual plan for sustainable development.

**PLANET's sustainable development organizational structure**

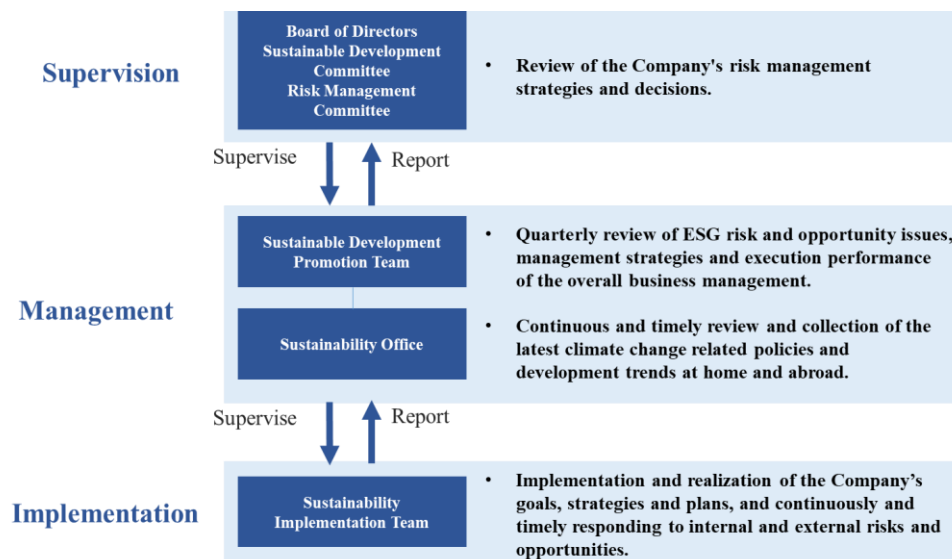


To reduce operational risks and implement corporate governance, the “Risk Management Committee” was established on December 22, 2020 as a functional committee under the Board of Directors. The Risk Management Committee has three members, among whom, the convenor of the committee, Huang, Hsin Hsien, has expertise in law and meets the professional competence required by the Committee. The Risk Management Committee is composed of more than half of the independent directors (including two independent directors), and is the Company’s responsible unit for implementing risk management. To implement sustainable governance, the Company has incorporated the financial risks and opportunities brought by climate change into the TCFD framework in its sustainability report. Meanwhile, the Company holds at least two Risk Management Committee meetings every year to review various policies and their implementation status and report to the Board. At PLANET, risk monitoring is carried out by the Audit Office to ensure the effectiveness of its risk management. In 2023, the committee reported to the Board on April 10 and October 26.

### PLANET’s risk management organizational structure



### PLANET’s climate governance system



## (2) Management's role in assessing and managing climate-related risks and opportunities

To realize its goals of sustainability, PLANET appoints the Chief Sustainability Officer to lead the Sustainability Team to handle the Company's sustainable development matters, including formulation and implementation of the strategies and plans to address climate-change related issues from the eight sustainability dimensions, namely "sustainable governance", "green R&D", "sustainable supply chain", "environmental sustainability", "information security", "sales & marketing", "sustainable human resources" and "social inclusion". The Sustainability Office, in an inter-departmental collaborative manner, continuously and timely reviews and collects relevant international developments and national trends, analyzes issues that may be affected by climate change, and reviews, evaluates and manages climate governance in accordance with the following management processes:

- a) The Chief Sustainability Officer is responsible for developing PLANET's climate strategies, overseeing issues related to sustainability and climate change, and ensuring the coordination and integration of PLANET's environmental and social activities. Under the leadership of the Chief Sustainability Officer, the Sustainability Office manages the Company's cross-department coordination, and communication and integration of sustainability and climate change issues, and supervises the implementation of the aforesaid activities. The Chief Sustainability Officer and the Sustainability Team report to the Sustainable Development Committee semi-annually on the implementation status of the Company's sustainable development works.
- b) Every two months, the Sustainability Team reviews the risks and opportunities in the Company's overall operation management (including supply chain), the management strategies being implemented and the implementation status.
- c) The Sustainability Office continuously and timely reviews and collects relevant international developments and national trends to identify potential risks and opportunities. Then, the office develops response strategies, sets targets, and reviews and improves performance in a timely manner.

**Title of sustainability meetings and frequency of the meetings**

NO.	Frequency	Title of Meeting
1	At least twice a year	Sustainable Development Committee
2	Once every two months	Sustainability Team
3	Once a month	Sustainability Office

### **(3) The role of the execution units in assessing and managing climate-related risks and opportunities**

The operation and financial units implement various response plans established according to the overall operational objectives of the Company in response to climate change, and constantly and timely respond to the internal and external risk opportunities of the Company.

- (1) Conduct risk identification, analysis, assessment and response for their own unit, and establish relevant crisis management mechanism when necessary.
- (2) Develop risk appetite (risk tolerance) and establish qualitative and quantitative measurement standards.
- (3) Regularly compile and submit the Company's risk management implementation report.
- (4) Ensure that risk management and related control procedures are implemented effectively in accordance with risk management policies.

To implement green production, the Company has formulated the "Green Energy Products Development Principles", and promoted activities such as "innovative carbon reduction" and "energy conservation competition" to encourage all the employees to participate in the implementation of various climate change adaptation and mitigation response measures. Since 2023, the Company has incorporated climate change related performance indicators into its remuneration policy. Meanwhile, in line with the Sustainable Development Goals (SDGs), the sustainable development teams set targets and indicators related to climate change and integrate them into the internal remuneration system.

In 2023, the Company held internal training courses and meetings to make all its departments pay attention to and participate in the formulation of ICP (internal carbon pricing) strategy. The Environmental Sustainability Team was responsible for gathering details on the design of the ICP strategy, establishing reform mechanisms, and setting an appropriate carbon price as the Company's best ICP strategy. Based on the Company's TCFD targets and the input costs required to achieve the targets, the Company has set its internal carbon price at NT \$3,058 per metric ton of CO<sub>2</sub>e.



### 03.Strategies in Response to Climate Change

#### (1) Identification of short, medium, and long-term climate-related risks and opportunities

Based on the TCFD framework, PLANET identifies and assesses climate-change related risks and responses measures across the organizations to identify potential crises and opportunities. The Company considers the impacts of internal and external environmental changes on issues such as policies, regulations, markets, technologies, reputation, and physical risks, identifies the transition risks, physical risks and opportunities brought by climate change to PLANET's value chain, and develops relevant response measures, with the aim to reduce the operational and financial impacts posed by climate change and enhance the organization's climate resilience.

PLANET collects climate-related risks and opportunities in the electronic products manufacturing sector and the network & communication sector, and assesses climate change related laws and international trends. After consolidating risks and opportunities, the Company assesses the "likelihood" and "degree of impact" of each risk and opportunity. There are 8 levels of likelihood<sup>1</sup> in risk assessment, which are lower than 5%, 5-19%, 20%-34%, 35%-49%, 50%-64%, 65%-79%, 80%-94%, and higher than 95%. For financial impact, since the impact of more than NT\$ 1 million is financially material, the degrees of impact are divided into 5 levels, which are the financial impact exceeding NT\$100 million, the impact between NT\$ 70 million and NT\$100 million, the impact between NT\$ 50 million to NT\$ 70 million, the impact between NT\$ 20 million to NT\$ 50 million, and the impact between NT\$ 1 million to NT\$ 20 million. At the same time, the timeframes of the risks, including short term, medium term and long term are considered when assessing the risks.

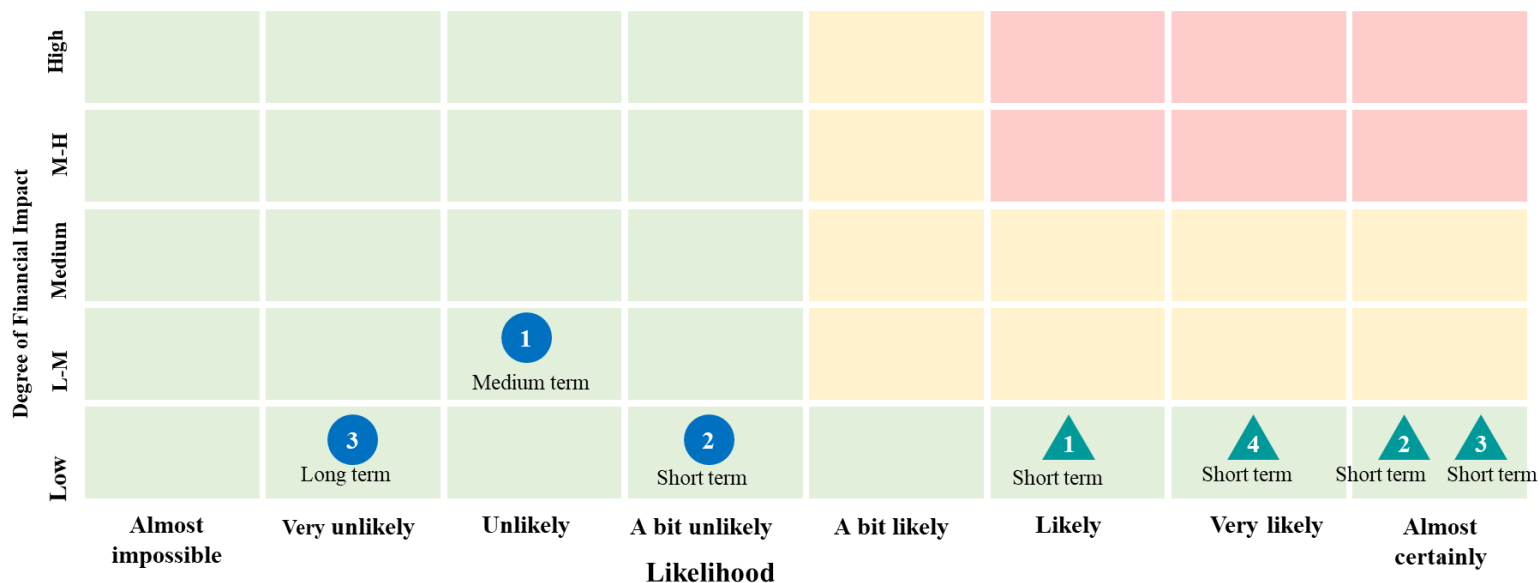
#### Risk/opportunity matrix

Degree of Financial Impact	Amount	Almost impossible	Very unlikely	Unlikely	A bit unlikely	A bit likely	Likely	Very likely	Almost certainly
		<5%	5%~19%	20%~34%	35%~49%	50%~64%	65%~79%	80%~95%	>95%
High	NT\$ 1 million ↑	Low	Low	Low	Low	Medium	High	High	High
M-H	NT\$ 70 million to NT\$ 1 million	Low	Low	Low	Low	Medium	High	High	High
Medium	NT\$ 50 million to NT\$ 70 million	Low	Low	Low	Low	Medium	Medium	Medium	Medium
L-M	NT\$ 20 million to NT\$ 50 million	Low	Low	Low	Low	Medium	Medium	Medium	Medium
Low	NT\$ 1 million to NT\$ 20 million	Low	Low	Low	Low	Low	Low	Low	Low

<sup>1</sup> Likelihood: The assessment is based on the probability of the event occurring in PLANET, not the probability of the event occurring in general.

The risk/opportunity matrix is drawn for the identified risk/opportunity items with reference to their risk/opportunity levels. The horizontal axis represents the likelihood of risks, and the vertical axis represents the degree of financial impact of these risks.

### Climate change related risk and opportunity analysis matrix



※ Short-term: 2024-2025, Medium term: 2026-2028, Long term: 2029-2033



1. Carbon fees, carbon tariffs and related regulations
2. Customers change supplier selection criteria
3. The severity of extreme weather events



1. Promote low-carbon and green production
2. Use renewable energy
3. Develop low-carbon products or services
4. Enhance corporate reputation and brand awareness

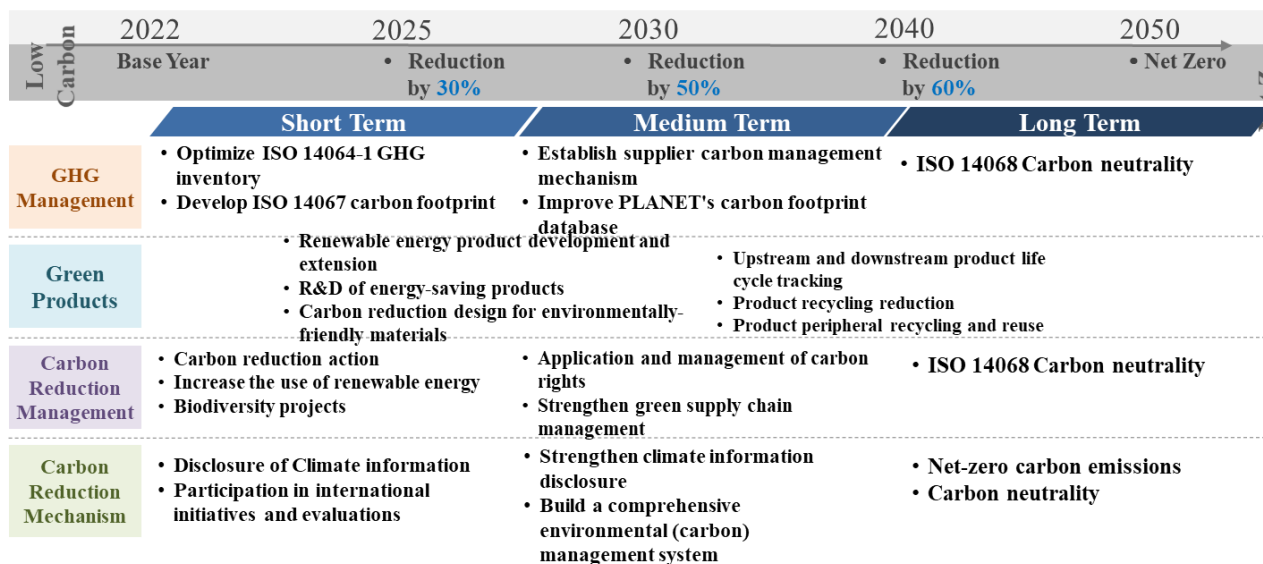
## (2) Assessment on impact of climate-related risks and opportunities on the Company's business, strategy, and financial planning

In line with the goal of “net-zero carbon emissions by 2050” and the domestic and international carbon reduction trends and related requirements, PLANET has, based on the identified risks and opportunities, developed strategies, action plans and financial plans for its products and services, supply chain and/or value chain, adaptation and mitigation activities, R&D investments, business operations (including business type and location of facilities), acquisitions or divestments and capital acquisition. The Company will continue to optimize its TCFD operating procedures to address the risks of climate change.

- (1) GHG management: Calculate GHG emissions and plan a carbon reduction path.
- (2) Green products: Uphold the principle of green energy products development, and continue to develop low-carbon and energy-saving products.
- (3) Carbon reduction management: procurement of renewable energy and take internal/external carbon reduction actions.
- (4) Carbon management mechanism: Participate in CDP (Carbon Disclosure Project), join SBTi (Science Based Target Initiative), and implement internal carbon pricing.

### PLANET's four core strategies for climate-related risks and opportunities

#### PLANET's 2050 Net-Zero Carbon Emissions Road Map



Upholding the principle of green energy products development, PLANET continuously invests in R&D to develop energy-saving products, including the world's first renewable energy network equipment and solutions, POE power saving patents, EEE energy-saving chips and other low-carbon products and services. To reduce water and electricity costs in its operations, the Company uses energy-efficient equipment and actively promotes energy-saving and carbon reduction projects, such as LED lighting replacement, energy-saving operation of air conditioning, area induction lighting and electronic processes. Furthermore, PLANET increases the inventory of key products and components and ensures logistics access against shortage of raw materials to avoid supply chain disruption due to climate disasters caused by climate change. PLANET designs products that are suitable for the social, economic, and technological background of customers to ensure that the Company's products are in line with environmental protection and energy conservation, to minimize the impact on the environment during the process from raw materials to the finished products. PLANET conducts ESG audit and provides guidance to its major business partners regularly to ensure the sound operation of its responsible supply chain. All of PLANET's products adopt energy-saving chips and switching power supplies that meet the Energy Star specifications and safety certification, which are produced in lead-free process and packaged with recyclable packaging materials in minimum size and weight to meet the WEEE specifications.

PLANET actively promotes low-carbon and green production, and joins hands with suppliers to march towards sustainability. The Company has formulated the "Supply Chain Code of Conduct" and the "Responsible Mineral Procurement Policy", and required all the Company's suppliers to signed the "Declaration of Compliance with Supply Chain Code of Conduct" to ensure their compliance with PLANET's requirements. In addition, the Company has built a green materials platform to promote green supply chain management. To reduce the impact of the GHG regulations requiring companies to pay a carbon fee, PLANET has started to minimize the said impact by using renewable energy, improving energy efficiency, and evaluating the trading of carbon credits.

When assessing the above risks/opportunities, the timeframe of risks and opportunities are set as short term (2024 to 2025), medium term (2026 to 2028) and long term (2029 to 2033). In the assessment, the expected occurrence timeframe of each risk and opportunity item is determined, and their potential financial impacts are put forward. PLANET's response strategies are then provided.

## Financial impact of climate-related risks and response measures

Type of Risk	Climate-related risk	Timeframe	Potential Financial Impact	Response Measures		
				Method	Description	
Transition Risk	Policy and Regulation	① Carbon fees and tariffs, and related regulations	Medium term	Increase in operating costs, including taxes, supplier pass-on costs	Control Transfer	<ul style="list-style-type: none"> <li>PLANET is not subject to restrictions and its products do not use restricted raw materials. However, to avoid being included in the subjects of taxation in the future, or customer requirements and other factors, the Company conducts GHG inventory and product carbon footprint, implements energy-saving and carbon reduction measures, and provides products with energy-saving design to reduce or avoid fees and tariff.</li> <li>Establish diversified supply chains and increase inventory of key products and components to avoid passing on related costs by suppliers.</li> </ul>
	Market	② Customers change supplier selection criteria	Short term	<ul style="list-style-type: none"> <li>Low carbon costs required to meet customer demand</li> <li>Decrease in orders due to inability to meet customer needs</li> <li>Decline in product competitiveness</li> </ul>	Control	<ul style="list-style-type: none"> <li>Adhere to the Green Energy Product Development Principles and conduct product life cycle assessments to reduce the impact of products on the environment and climate change.</li> <li>Design products in accordance with the social, economic, and technological background of customers, to ensure that the Company's products conform to environmental protection and energy-saving standards.</li> <li>Develop patents of green energy innovation for network infrastructure to meet requirements on energy saving, storage, or production capacity.</li> <li>PLANET does not have its own production processes, and it will assist in low-carbon transition of the supply chains.</li> </ul>
Physical Risk	Long term /	③ The severity of extreme weather events	Long term	<ul style="list-style-type: none"> <li>Supply chain disruption, raw material costs increase</li> <li>Production affected, resulting in financial losses and decline in revenue</li> <li>Goods flooded, causing damage to properties</li> </ul>	Control Transfer	<ul style="list-style-type: none"> <li>Increase inventory of key products and components and ensure logistics access.</li> <li>Assess plant risks and alternatives.</li> <li>Make adjustment to the risk of flood in storage continuously, and develop and implement risk mitigation measures.</li> </ul>

## Financial impact of climate-related opportunities and response measures

Type of Opportunity	Climate-related Opportunity	Timeframe	Potential Financial Impact	Response Measures
<b>Resilience</b>	① Promote low-carbon and green production	Short term	<ul style="list-style-type: none"> <li>Reducing operating costs</li> <li>Improving supply chain reliability and operating capacity under different conditions</li> <li>Increasing revenue through new products and services that ensure resilience</li> </ul>	<ul style="list-style-type: none"> <li>Make good use of government resources to drive suppliers to undertake low-carbon transformation.</li> <li>Establish a green components platform and a carbon management platform to promote green supply chain management.</li> <li>Replace the test equipment for constant temperature and humidity.</li> </ul>
<b>Energy Source</b>	② Use renewable energy	Short term	<ul style="list-style-type: none"> <li>Reducing the risk of GHG emissions and therefore reducing the sensitivity to changes in the price of carbon trading</li> <li>Enhancement of reputation</li> </ul>	<ul style="list-style-type: none"> <li>Implement an energy management system. It is expected that management and energy saving measures will be more actively introduced, and inefficient facilities will be actively replaced.</li> <li>Set ambitious carbon reduction targets to meet the demand for green electricity through multiple channels.</li> </ul>
<b>Products and Services</b>	③ Develop low-carbon products or services	Short term	<ul style="list-style-type: none"> <li>Improving the green design system</li> <li>Meeting the customer's demand for green design</li> <li>Strengthening ESG capabilities</li> <li>Enhancement of green image</li> </ul>	<ul style="list-style-type: none"> <li>To inject the concept of “green intelligence” into the design of the products at the source.</li> <li>Develop green, intelligent, and energy-saving products for network infrastructure.</li> <li>Reduce power loss in product development and thus reduce the use of cooling materials.</li> <li>Assist customers to achieve “green energy” network infrastructure.</li> <li>Artificial Intelligence Internet of Things (AIoT) enables real-time monitoring and intelligent control of various devices and systems, which can optimize systems and reduce energy waste by analyzing historical and real-time data to predict future energy needs.</li> </ul>
<b>Market</b>	④ Enhance corporate reputation and brand awareness	Short term	Meeting stakeholder expectations and increase sales and goodwill	<ul style="list-style-type: none"> <li>Introduce various management systems to strengthen ESG management performance and reduce risks.</li> <li>Disclose ESG information through annual sustainability report, websites, and other platforms, and actively respond to stakeholder expectations.</li> <li>In 2022, the Company began to use TCFD framework to identify and disclose climate change-related risk information, and participated in the CDP to enhance the presentation and communication of sustainable performance, to further increase revenue and goodwill.</li> </ul>

### (3) Assessment on Financial Impact

Climate-related risk: Carbon price, carbon tariff and related regulations/Likelihood: unlikely (20-34%)/Timeframe: Medium term (2026-2028)	
<b>Risk scenario description</b>	In response to climate change, the EU has gradually implemented the Carbon Border Adjustment Mechanism since 2023, and will officially implement the Carbon Border Tax from 2026, initially targeting on products and industries with a high risk of carbon leakage such as steel, aluminum, cement, fertilizer, and electricity.
<b>Potential impact and estimated financial influence on PLANET</b>	<p><b>Potential impact:</b> PLANET's products are currently sold by clients themselves, of which the EU market accounts for about 44% of PLANET's overall sales. Fully implemented Carbon Border Tax in the future could cause clients to pass on the tax, resulting in higher costs for the Company.</p> <p><b>Estimated financial influence:</b> It is estimated that the Company's expenditure will increase by about NT\$ 9 million in 2026, so that the cumulative increase in expenditure by 2030 will be about NT\$44 million.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Calculation formula: Product carbon content (complex products) x quantity of products exported to Europe x EU carbon trading market price x percentage passed on by customer (50%)</p> <p>※Note:</p> <ol style="list-style-type: none"> <li>Product carbon content (complex products): Since PLANET has not yet calculated the carbon content of its own products, data from the same industry is cited.</li> <li>CO<sub>2</sub>e EU carbon trading market price: Average price of €85.12 / mt of CO<sub>2</sub>e in 2023.</li> </ol> </div>
<b>Risk response measures</b>	<ul style="list-style-type: none"> <li>PLANET is not subject to restrictions and its products do not use restricted raw materials. However, to avoid being included in the subjects of taxation in the future, or customer requirements and other factors, the Company will conduct GHG inventory and product carbon footprint, implement energy-saving and carbon reduction measures, and provide products with energy-saving design to reduce or avoid fees and tariff.</li> <li>Establish diversified supply chains and increase inventory of key products and components to avoid passing on related costs by suppliers.</li> </ul>
<b>Cost of risk response measures</b>	<p>Carry out GHG inventory and product carbon footprint to understand the carbon content of the organization and the products. The estimated increase in expenditure from 2024 to 2030 is NT\$2.5 million.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Calculation formula: product carbon footprint consulting fee (once)+ carbon computing platform usage fee (annually)+ organizational-level GHG inventory assurance fee (annually)+ product carbon footprint verification fee (once)</p> </div>

Climate-related risk: Customers change supplier selection criteria / Likelihood: a bit unlikely (35~49%) / Timeframe: Short term (2024~2025)	
<b>Risk scenario description</b>	PLANET's major customers are imposing stricter requirements on product recycling, energy efficiency and low-carbon manufacturing, so PLANET needs to enhance its capabilities in green technology design to avoid loss of product competitiveness and the subsequent loss of orders. At the same time, in response to the international carbon reduction trends and to meet customers or users' needs (such as product carbon content and environmental declarations), PLANET needs to reduce organizational-level carbon emissions through the introduction of energy-saving measures and equipment, and to require the suppliers to conduct carbon inventory and reduce carbon emissions. If the Company is not able to continue to reduce energy and electricity use, it will need to purchase additional carbon credits and Taiwan Renewable Energy Certificates to meet customers' requirements for low-carbon production.
<b>Potential impact and estimated financial influence on PLANET</b>	<p>PLANET's main customers are concentrated in Europe, which accounts for about 44% of PLANET's total sales. Assuming a 2% loss of orders due to the Company's inability to meet major customers' requirements for green products, the Company's operating income is estimated to decrease by NT\$17 million in 2024.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Calculation formula: Revenue x proportion of European sales x proportion of lost orders</p> </div>
<b>Risk response measures</b>	To meet the requirements of PLANET's major customers for the use of recycled materials, energy efficiency and low-carbon manufacturing, PLANET will increase the proportion of recycled materials used in product packaging, use renewable energy, and input a certain proportion of green R&D expenses in 2024 to respond to customers' demand for green products. In the future, the Company will continue to enhance the recycling and low-energy design capabilities, so that its products can better meet customers' needs and the world's green design standards. In addition, in response to customers' needs, the Company has carried out product life cycle assessment and product environment declaration in accordance with ISO14040/14044 standards.
<b>Cost of risk response measures</b>	<p>It is estimated that the expenditure will increase by NT\$13 million in 2024.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Calculation formula: recycled material impact + renewable energy use + R&amp;D investment + product environmental declaration</p> </div> <ul style="list-style-type: none"> <li>• Recycled materials impact: The cost of recycled materials used for product packaging.</li> <li>• Renewable energy use: The cost of using renewable energy.</li> <li>• Research and development investment: Assuming that 5% of the revenue is invested as R&amp;D expenses, of which 12% is used for green research and development.</li> <li>• Product environmental declaration: including counseling and environmental declaration and certification fees.</li> </ul>



Climate-related risk: The severity of extreme weather events / Likelihood: very unlikely (5~19%) / Timeframe: long term (2029~2033)	
<b>Risk scenario description</b>	The change in climate patterns will change the intensity and frequency of climate risk. Acute climate risks such as extreme weather events may have an immediate, unwarned disruption to the Company's operations, which will result in financial losses due to affected (or interrupted) production at the plant. At the same time, the increased likelihood of natural disasters will also increase insurance premiums.
<b>Potential impact and estimated financial influence on PLANET</b>	<p><b>Potential impact:</b> PLANET's operating base, New Taipei City, Taiwan, is in an area where typhoons and tropical cyclones frequently occur. In recent years, this area may have serious flooding caused by heavy rains during the rainy season, resulting in financial losses caused by goods flooding.</p> <p><b>Estimated financial influence:</b> Assuming that PLANET's operating base is flooded, the financial loss caused by goods damage would be approximately 0.9% of annual turnover.</p>
<b>Risk response measures</b>	<ul style="list-style-type: none"> <li>• Increase inventory of key products and components and ensure logistics access.</li> <li>• Assess plant risks and alternatives.</li> <li>• Make adjustment to the risk of flood in storage continuously, and develop and implement risk mitigation measures.</li> </ul>
<b>Cost of risk response measures</b>	Increase flood insurance for storage and increase stocks of key products and components. The estimated increase in expenditure is about NT \$3.7 million.

Climate-related Opportunity:	
<b>Promote low-carbon and green production /Likelihood: likely (65~79%) / Timeframe: Short term (2024~2025)</b>	
<b>Opportunity scenario description</b>	PLANET's products are sold worldwide, mainly to Europe, where customers are pushing for climate change related issues, including the Carbon Border Adjustment Mechanism, product carbon footprint, product environmental declaration, etc. Customer requirements and international reduction trends deeply affect PLANET's development and transformation. To make effective use of relevant government resources to help the Company break through the constraints of manpower, capital and resources, PLANET applied for the "Subsidy for enterprises of the manufacturing industry to drive their supply chain enterprises to achieve low-carbon and intelligent upgrading and transformation" to strengthen the Company and the supply chain's energy-saving and carbon reduction technology and green innovation services in response to the global market situation. These multiple solutions will help the Company to enhance its industrial value and technological capabilities and enable the Company march towards the new Blue Ocean Market of carbon reduction.
<b>Estimated financial influence on PLANET</b>	PLANET is mainly engaged in product design, R&D, and testing operations, and the production processes of its main products are concentrated in suppliers, so the financial impact of low-carbon green production is low for PLANET.
<b>Strategies to realize the opportunity and costing specification</b>	<p>(1) Strategies to realize the opportunity</p> <p>Applied for the "Subsidy for enterprises of the manufacturing industry to drive their supply chain enterprises to achieve low-carbon and intelligent upgrading and transformation" offered by Ministry of Economic Affairs.</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> <li>Establish a carbon management system for PLANET and the supply chains.</li> <li>Accelerate suppliers' own carbon management and mitigation actions.</li> </ul> <p><u>Expected benefits:</u></p> <ul style="list-style-type: none"> <li>Build a carbon management platform that connects the Company with suppliers.</li> <li>Energy saving and carbon inventory counseling.</li> <li>Equipment replacement subsidy and benefit of energy conservation.</li> </ul> <p>In 2024, the Company will replace its constant temperature and humidity testing equipment, and the estimated expenditure will increase by NT\$ 1.5 million.</p>

Climate-related Opportunity: Use renewable energy /Likelihood: Almost certainly (>95%) / Timeframe: Short term (2024~2025)	
<b>Opportunity scenario description</b>	In PLANET's "2050 Net Zero Emissions Roadmap", the use of renewable energy is one of the key strategies in its net zero emissions path. PLANET started to deploy the use of renewable energy in 2020 and signed a letter of intent to purchase green electricity with renewable energy suppliers. In 2021, the Company signed the "Agreement on purchase of renewable energy and electricity with certificates", and in 2022, it participated in the RE10X10 Initiative, declaring that its consumption of green electricity would reach at least 10% of the total power consumption by 2025. In July of the same year, the Company officially began to use green electricity.
<b>Estimated financial influence on PLANET</b>	<p>(1) The Company uses low carbon energy sources such as solar energy to achieve its emission reduction targets and to enhance its brand image. The Company has also developed its GHG reduction strategy in accordance with the requirements of the FSC. Assuming that the carbon fee in Taiwan is NT\$300/metric ton of CO<sub>2</sub>e, the estimated carbon fee payable by the Company from 2024 to 2030 is about NT\$790,000. If the Company reduces its carbon emissions by using renewable energy, it is estimated that it will have to pay a carbon fee of about NT\$540,000 from 2024 to 2030.</p> <p>(2) In the climate change scenario and the global energy transition scenario, it is expected that the price of conventional electricity<sup>*Note<sup>1</sup></sup> will become more consistent with the price of renewable energy, which will reduce the financial impact of renewable energy use. The Company's estimated electricity bill<sup>*Note<sup>2</sup></sup> for 2024 to 2030, under the scenario of rising conventional electricity price, falling renewable energy price and the Company's renewable energy usage target, is about NT\$16 million.</p> <p>*Note<sup>1</sup> : Conventional electricity refers to electricity that is not generated by solar energy, biomass energy, geothermal energy, ocean energy, wind energy, non-pumped storage hydroelectric power, energy generated by direct use or treatment of domestic general waste and general industrial waste.</p> <p>*Note<sup>2</sup> : Estimation is made based on office area electricity consumption.</p>
<b>Strategies to realize the opportunity and costing specification</b>	<p>(1) Strategies to realize the opportunity</p> <p>Formulate the "PLANET Green Power Procurement Strategy", closely monitor market trends and make adjustment timely and constantly, use multiple channels to meet the needs for green power.</p> <ul style="list-style-type: none"> <li>• Sign the "renewable energy supply and purchase contract" with renewable energy suppliers.</li> <li>• Participate in Taiwan Power Company's "small packaged green power sale pilot program".</li> <li>• Participate in the sale of Renewable Energy Certificates held by the T-RECC, Bureau of Standards, Metrology, and Inspection, MOEA.</li> </ul> <p>(2) Description of the cost of opportunity realization</p> <p>Annual electricity charge = (Annual electricity consumption x conventional electricity consumption ratio x unit electricity rate set by Taiwan Power Company) + (Annual electricity consumption x green electricity consumption ratio x green electricity rate)</p>

Climate-related Opportunity:	
<p><b>Develop low-carbon products or services / Likelihood: almost certainly (&gt;95%) / Timeframe: Short term (2024~2025)</b></p>	
<p><b>Opportunity scenario description</b></p>	<p>PLANET develops new low-carbon products and technologies, increases the proportion of use of recycled materials, and uses green energy to meet customers' demand for low-carbon products. The Company applies for carbon footprint verification and third-party certification for Environmental Product Declaration (EPD), and uses marketing to promote the Company's environmentally-friendly products.</p>
<p><b>Estimated financial influence on PLANET</b></p>	<p>The Company completes the green design system and actively cooperates with customers to enhance the value of customer products and customer image. The announcement of the Company's carbon neutrality goal and the enhancement of the organization's image to its customers and stakeholders result in an increase in customer orders, which will bring a financial value of NT\$8.6 million.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Calculation formula: Fixed orders (PLANET's turnover x proportion of major customers x new product opportunity) + new orders (PLANET's turnover x new customer opportunity x PLANET's turnover x new product opportunity)</p> </div>
<p><b>Strategies to realize the opportunity and costing specification</b></p>	<p>(1) Strategies to realize the opportunity</p> <p>Adhere to the "Green Energy Product Development Principle":</p> <ul style="list-style-type: none"> <li>• Inject the concept of "green and intelligent product" into the thinking of product design at the beginning.</li> <li>• Develop green, intelligent, and energy-saving products for network infrastructure</li> <li>• Reduce power loss in product development, which will in turn reduces the use of cooling materials.</li> <li>• Assist customers to achieve "green energy" network infrastructure.</li> </ul> <p>(2) Description of the cost of opportunity realization</p> <p>An estimated increase of NT\$13 million in expenses for 2024.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Calculation formula: recycled material impact + renewable energy use + R&amp;D investment + product environmental declaration</p> </div> <ul style="list-style-type: none"> <li>• Recycled materials impact: The cost of recycled materials for product packaging.</li> <li>• Renewable energy use: PLANET uses renewable energy costs.</li> <li>• R&amp;D investment: Assume that 5% of turnover is invested as research and development expenses, of which 12% is used for green research and development.</li> <li>• Product environmental declaration: includes counseling and environmental declaration certification fees</li> </ul>

<p><b>Climate-related</b>      <b>Enhance corporate reputation and brand awareness / Likelihood: very likely (80~95%) / Timeframe: Short term (2024~2025)</b></p>	
<p><b>Opportunity:</b></p>	
<p><b>Opportunity scenario description</b></p>	<p>PLANET is actively responding to climate change. The Company set up the Sustainable Development Committee in 2020. In 2022, PLANET promoted the GHG inventory and carbon reduction plan to enhance the resilience of its climate-related operations, including establishment of the targets for the TCFD climate adaptation plan, rating of the Carbon Disclosure Project (CDP), etc. The Company signed the RE10X10 Climate Declaration in 2022 and officially became a TCFD Supporter in April 2023. These measures will enhance PLANET's goodwill and further strengthen customers' willingness to cooperate with the Company, and increase orders from the customers and revenue of the Company.</p>
<p><b>Estimated financial influence on PLANET</b></p>	<p>The financial impact of increased customer orders due to increased goodwill is NT\$6.5 million.</p>
<p><b>Strategies to realize the opportunity and costing specification</b></p>	<p>(1) Strategies to realize the opportunity</p> <ul style="list-style-type: none"> <li>PLANET has a functional Committee under the Board, the Sustainable Development Committee, which is the highest governance unit of the Company to promote sustainable development. Under the Sustainable Development Committee, the "Sustainability Team" and the Sustainability Office are the operational units responsible for the Company's sustainability development and implementation of corporate social responsibilities. The Committee considers the overall environment, major issues of concern to the stakeholders and industry trends, sets corporate sustainability goals, formulates strategic and long-term measures, and regularly reviews target achievement and performance.</li> <li>Every year, PLANET discloses ESG information through sustainability report, websites, and other platforms, and actively responds to the expectations of stakeholders.</li> <li>Introduced various management systems such as ISO 14001 and ISO 14064 to strengthen management performance in all aspects of ESG and reduce risks.</li> <li>The TCFD was introduced in 2022 to identify and disclose information about risks related to climate change. PLANET also conducted SASB audits and participated in CDP to increase the presentation and communication of its sustainable performance, and to increase its revenue and goodwill.</li> </ul> <p>(2) Description of the cost of opportunity realization</p> <p>To meet the ESG requirements or expectations of customers, PLANET has completed the GHG inventory and verification, the publication of sustainability report and TCFD report and SASB counseling and verification, and completed the counseling and verification of various management systems. The Company also supports CDP, RE100 Initiatives and participates in ESG awards appraisal. The estimated expenditures on the related items in 2024 is NT\$1 million.</p>

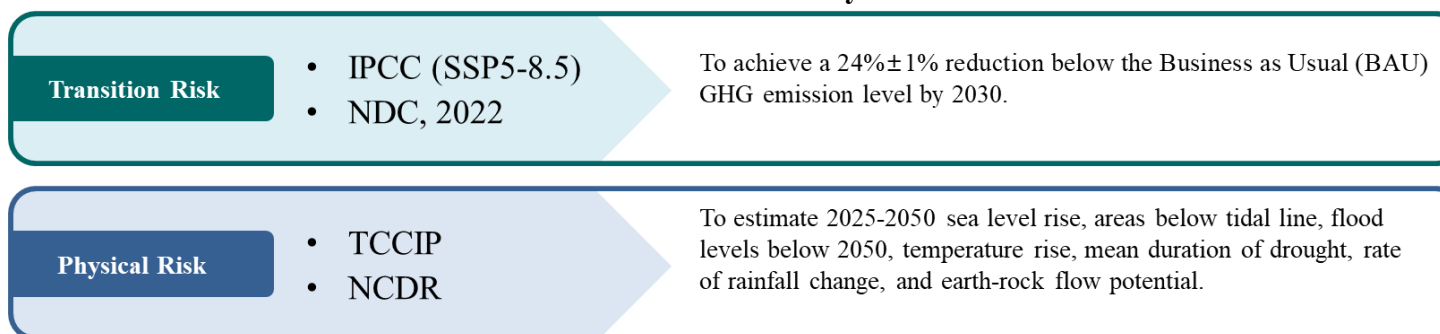
#### (4) Strategic resilience, considering different climate-related scenarios (including the scenario with a temperature of 2°C or more severe conditions)

In accordance with the TCFD's recommendations, PLANET adopts the Worst-case Scenarios for the transition risk and the physical risk and includes the analysis results in the strategic resilience assessment.

For the transition risks, the Company refers to the emission scenario of SSP5-8.5 described in the Scientific Assessment Report of the UN's Intergovernmental Panel on Climate Change (IPCC) and the Nationally Determined Contributions (NDC) target. In 2022, Taiwan proposed a NDC reduction target of 24%±1% by 2030 in the "Phased Goals and Key Strategies for the 2050 Net Zero Transition". After the above scenarios are imported, the impacts on the Company's future market, technology, reputation, finance, and operations are analyzed.

For the physical risks, the Company refers to the Taiwan Climate Change Projection Information and Adaptation Knowledge Platform (TCCIP) and the National Science & Technology Center for Disaster Reduction (NCDR), the temperature rise, rainfall, flooding, and drought between 2020 and 2040 in the scenarios of RCP2.6, RCP4.5, and RCP8.5 are estimated and analyzed.

#### Scenarios for Transition/Physical Risks



### Transition Risks

Selected Climate Scenarios	Assessment Method	Assumption	Financial Impact from Risk	Decision Impact
<ul style="list-style-type: none"> <li>Scenario of SSP5-8.5 in the 6<sup>th</sup> Scientific Assessment Report of IPCC.</li> <li>NDC, 2022</li> </ul>	Estimate the Company's annual internal carbon reduction costs, and the costs of green electricity and carbon credits that need to be purchased by the Company to achieve a 50% reduction by 2030.	GHG emissions remain unchanged, with an estimated temperature rise of 3.3~5.7°C by the end of the century.	The increase in internal carbon reduction measures, green electricity cost and carbon credits expenditure accounts for about 0.1 to 1% of the operating revenue.	<ul style="list-style-type: none"> <li>Internal carbon reduction measures</li> <li>Purchase of renewable energy and certificates</li> <li>Purchase of carbon credits</li> </ul>

### Physical Risks

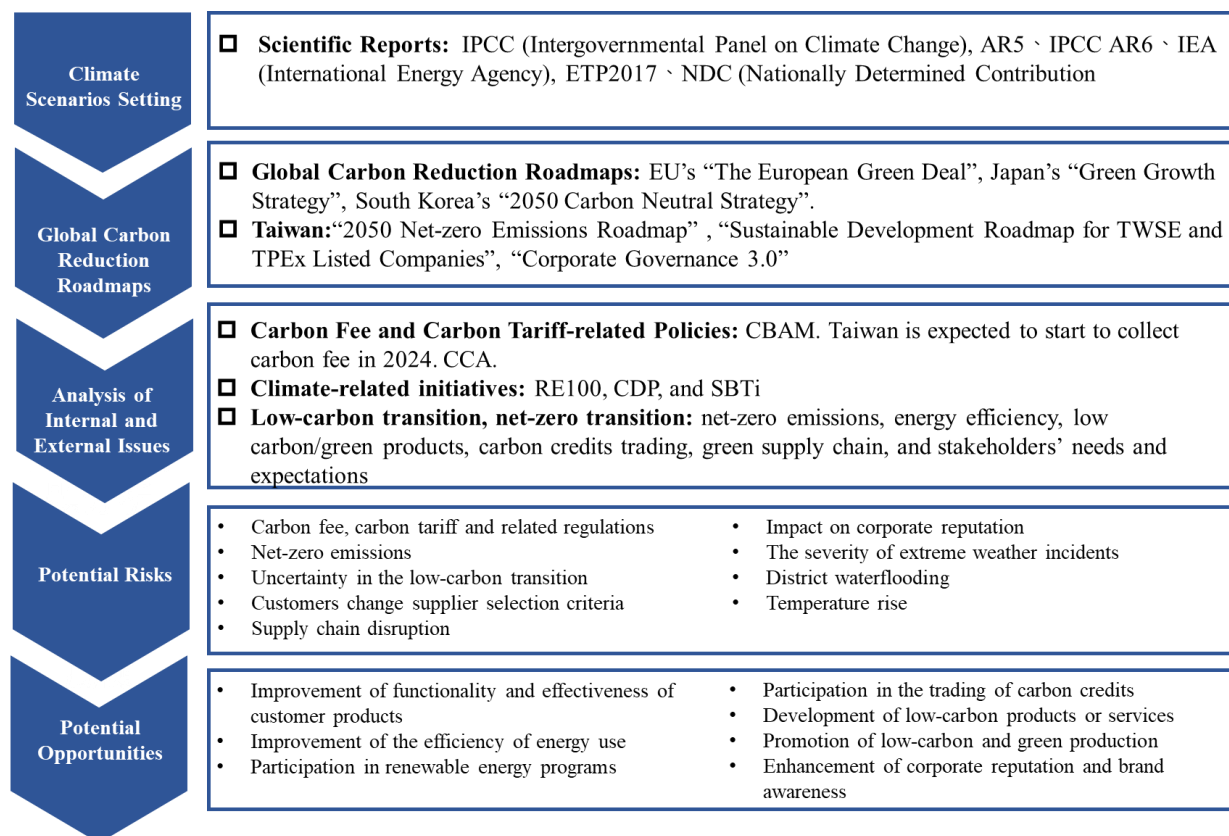
Operating Site	PLANET	Processing Plant 1	Processing Plant 2	Processing Plant 3
<b>Scenario Analysis</b>	Scenario RCP 8.5 is mainly used to perform the risk assessment of extreme weather, and RCP2.6 is partially used.			
<b>Location</b>	New Taipei City	New Taipei City	New Taipei City	New Taipei City
<b>Sea level rise (RCP 8.5)</b>	No impact	No impact	No impact	No impact
<b>Area below the tidal line (at risk of flooding) (RCP 8.5)</b>	Partially impacted	No impact	No impact	No impact
<b>Area below the 2050 flood line (RCP 8.5)</b>	No impact	No impact	No impact	No impact
<b>Potential debris-flow area (RCP 8.5)</b>	No impact	No impact	No impact	Partially impacted
<b>Temperature rise (RCP 8.5)</b>	1.58 °C	1.58 °C	1.58 °C	1.58 °C
<b>Mean duration of drought (RCP 2.6)</b>	2 months	2 months	2 months	2 months
<b>Rainfall variability (RCP 8.5)</b>	5%~10%	5%~10%	5%~10%	5%~10%

## 04. Risk and Opportunity Management in Response to Climate Changes

### (1) Process for identifying and assessing climate-related risks and opportunities

Based on the interviews and discussions conducted by the Sustainability Team, the TCFD Recommendations, climate scenario setting, and with reference to the international carbon reduction pathways (such as the EU's European Green Deal and Japan's Green Growth Strategy), analysis on internal and external issues (such as the EU's CBAM (Carbon Border Adjustment Mechanism), the Clean Competition Act of the USA, Taiwan's Carbon Tariffs, and climate-related initiatives), PLANET has identified climate-related risks and opportunities, conducted financial quantitative analysis, and reviewed the existing actions and plans to fully identify the potential transitional risks, physical risks, and opportunities. There are a total of 23 potential risks and 18 opportunities, of which 3 risks and 4 opportunities have been assessed to have an impact on PLANET.

#### Process for identifying and assessing climate-related risks and opportunities

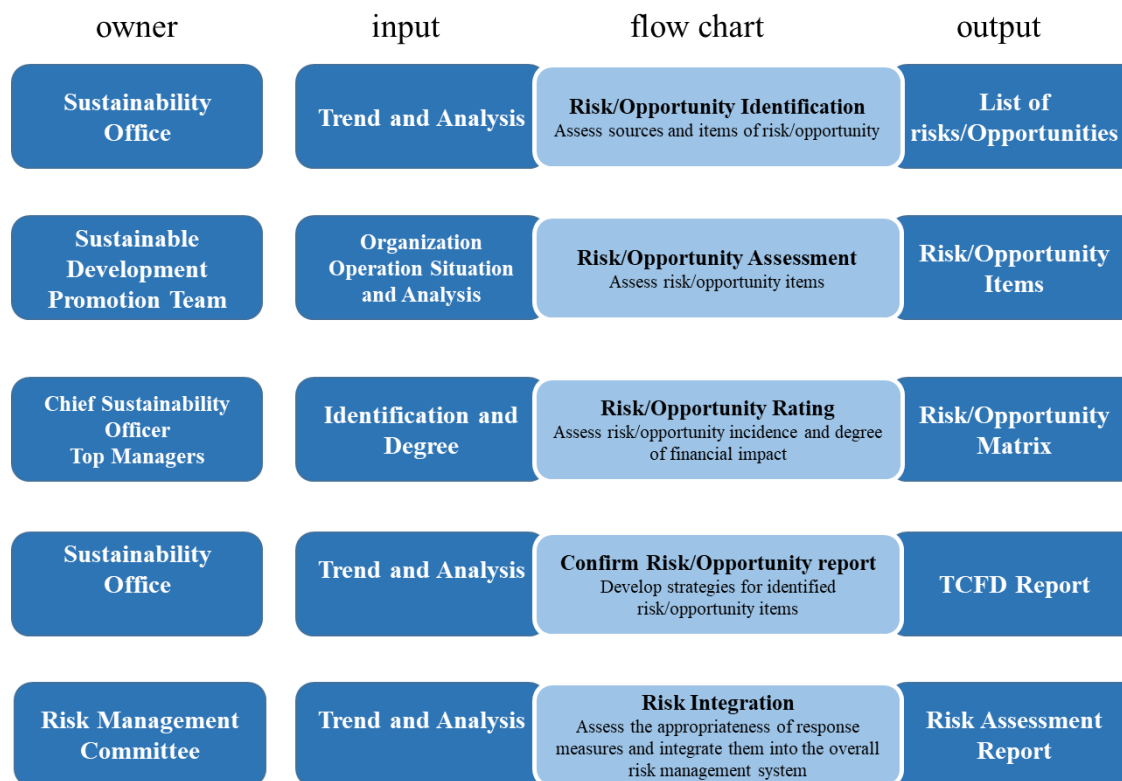




## (2) Process for managing climate-related risks and opportunities

Based on the impact of climate change on the overall operation of the Company, and with reference to the TCFD framework, the Sustainability Office provided a list of risks and opportunities, and the Sustainability Team discussed the relevance of each risk and opportunity item to the Company's business operations and assessed the level of stakeholder concern and potential business impact of each item. The risk/opportunity items for 2023 have been included in the assessment, and the Chief Sustainability Officer and senior managers of the Company assessed the “likelihood” and “degree of financial impact” of each risk item. After comprehensive assessment on the “likelihood” and “degree of financial impact” of each item, the Company identified short-, medium-, and long-term risks and opportunities. With reference to the international scientific reports, PLANET has then conducted scenario analysis, quantified the financial impact of climate changes on the Company, and formulated its risk management strategy as the core of its actions responding to climate change.

### Process for managing climate-related risks and opportunities



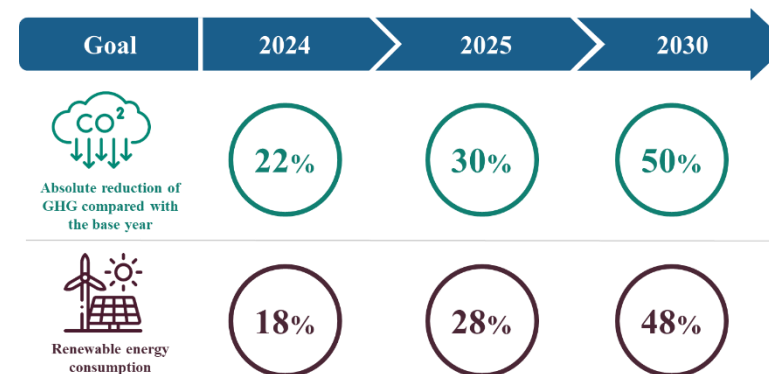
### **(3) How the processes of climate-related risks identification, assessment and management are integrated with the overall risk management mechanism**

PLANET collects domestic and international climate related laws, regulations, and information from time to time through the Sustainability Office and the Environmental Sustainability Team. The Sustainability Team identifies relevant risks and opportunities, and holds two meetings every year to report to the Sustainable Development Committee and the Board of Directors on the management of climate-related risks and opportunities in the Company's business operations and the implementation status. PLANET assigns its climate-related risk management to the functional committee under the Board of Directors - Risk Management Committee, and has formulated the "Risk Management Policies and Procedures" to ensure that the risk management mechanism is able to fully cope with the risks faced by the Company. Then Company's climate-related risk management has also been integrated into the daily operation processes, to extend the depth of risk and opportunity detection and management, strengthen the response to climate changes and improve the Company's low-carbon competitiveness. In 2023, the Sustainability Team reported to the Board on April 10 and October 26.

## 05. Indicators and Goals Set in Response to Climate Changes

### (1) Indicators used in assessing climate-related risks and opportunities

In line with the Paris Agreement and the global goal of 2050 net zero emissions, PLANET's GHG reduction goal covers the absolute reduction goal and GHG Emission Intensity of Scope 1 and Scope 2, which says that the Company will achieve an absolute carbon reduction of 50% in Scope 1 and Scope 2 by 2030 compared to the base year 2022. For PLANET, the use of renewable energy is one of the key strategies in its net zero emission roadmap, so the Company has also set renewable energy use targets in response to the international energy transition.



GHG emission management indicators in the past three years

Indicator	Unit	2021	2022(Base year)	2023
Scope 1 GHG emissions	Metric ton of CO <sub>2</sub> e	6.31	41.50	45.42
Scope 2 GHG emissions (by regions)	Metric ton of CO <sub>2</sub> e	350.40	342.90	321.89
Scope 2 GHG emissions (by markets)	Metric ton of CO <sub>2</sub> e	N/A	328.13	277.97
Scope 3 GHG emissions	Metric ton of CO <sub>2</sub> e	N/A	136.28	514.44
Scope 1 and Scope 2 GHG emissions intensity	Metric ton of CO <sub>2</sub> e/NT\$ million	0.2538	0.2149	0.1753

Note: The Scope 1 GHG emissions for 2022 assured by the third party were 24.39 metric tons of CO<sub>2</sub>e, but 17.11 metric tons of CO<sub>2</sub>e from the source of fugitive emission- testing facility was omitted in 2022, so the result was revised to 41.50 mt of CO<sub>2</sub>e

GHG emission management goals for the current year and the next three years

Indicator (compared with the base year 2022)	2023	2024	2025	2026
Absolute emissions reduction in Scope 1 and Scope 2	15%	22%	30%	34%
Reduction in Scope 1 and Scope 2 GHG emissions intensity	15.24%	29.91%	40.01%	44.69%

In PLANET's "2050 Net Zero Emissions Roadmap", the use of renewable energy is one of the key strategies. PLANET started to deploy the use of renewable energy in 2020 and signed a letter of intent to purchase green electricity with renewable energy suppliers. In 2021, the Company signed the "Agreement on purchase of renewable energy and electricity with certificates", and in 2022, it participated in the RE10X10 Climate Declaration, declaring that its consumption of green electricity would reach at least 10% of the total power consumption by 2025. In July of the same year, the Company officially began to use green electricity.

#### Renewable energy use management indicators in the past two years

Indicator	2022	2023
Renewable energy electricity consumption	30,309 kWh	88,722 kWh
Total electricity consumption	673,677 kWh	650,260 kWh

#### Renewable energy use management goals for the current year and the next three years

The proportion of renewable energy electricity consumption in total electricity consumption	2023	2024	2025	2026
Goal	15%	18%	28%	32%

To reduce the impact of climate change, PLANET also sets goals for other environmental indicators, including green product R&D, waste reduction, etc., and reviews the progress annually and develops further improvement plans.

#### Environmental indicators and goals

Indicator	Short-term Goal 2025	Medium and Long-term Goal 2030
Climate change	<ul style="list-style-type: none"> <li>Constantly achieve and improve CDP level.</li> <li>Improve TCFD report maturity.</li> </ul>	<ul style="list-style-type: none"> <li>Participate in SBTi (Science Based Target Initiative).</li> <li>Strengthen decision-making mechanisms and integrate climate-related financial information.</li> </ul>
Green products	<ul style="list-style-type: none"> <li>Renewable energy product development, energy-saving product development and design, environmental material reduction design, renewable energy product line extension.</li> </ul>	<ul style="list-style-type: none"> <li>Implement carbon reduction design in production, packaging, transportation, etc.</li> <li>Improve efficiency, carbon reduction and recycling.</li> </ul>
Supply chain sustainable management	<ul style="list-style-type: none"> <li>30% of suppliers have completed GHG inventory verification.</li> </ul>	<ul style="list-style-type: none"> <li>Select manufacturers strategically and set carbon intensity targets.</li> </ul>

Waste management	<ul style="list-style-type: none"> <li>The recovery rate is over 98%.</li> </ul>	<ul style="list-style-type: none"> <li>The recovery rate is over 98%.</li> </ul>
Biodiversity	<ul style="list-style-type: none"> <li>Introduce TNFD to identify natural risks and opportunities.</li> <li>Assess nature issues of concern and promote them with projects.</li> </ul>	<ul style="list-style-type: none"> <li>Continuously monitor and follow the trend of international initiatives.</li> </ul>

## (2) Greenhouse gas emissions and related risks

With reference to ISO14064-1 standard, PLANET has set its organizational boundary in accordance with the “Operational Control Approach”, and has set 2022 as the base year. The Company's major GHG emissions include carbon dioxide (CO2), methane (CH4) and hydrofluorocarbons (HFCs).

Description of the difference in emissions between 2023 and 2022:

- Scope 1 direct GHG emissions in 2023 were 45.42 metric tons of CO2e, up 9.4% from 2022, mainly due to the increase in air conditioning equipment.
- Scope 2 indirect GHG emissions in 2023 were 277.97 metric tons of CO2e (by markets), down 15.3% from year 2022's 328.13 metric tons of CO2e (by markets), mainly due to a reduction in electricity consumption caused by the replacement of central air conditioning units in the public area in 2023, and an increase in the proportion of renewable energy use.
- Scope 3 other indirect GHG emissions in 2023 were 514.44 metric tons of CO2e, an increase of 277% over 2022, mainly due to the expanded coverage of emissions inventory for Scope 3 - upstream and downstream transport.

### Description of GHG Emission Sources

Scope	Emission Source	Corresponding Activity/Equipment
Scope 1: Direct emissions	Mobile combustion of transportation vehicles Fugitive emissions	Gasoline used in official vehicles <ul style="list-style-type: none"> <li>Escape of refrigerants used in air conditioning/refrigerator/water dispenser/official car/testing equipment</li> <li>Fugitive emissions from carbon dioxide fire extinguishers</li> <li>Fugitive emissions from septic tank</li> </ul>
Scope 2: Indirect energy emissions	GHG emissions generated by purchased electricity, heat, steam, or other fossil fuel derived energy	Electricity purchased from power companies
Scope 3: Other indirect emissions	Emissions generated from non-owned or controllable sources, such as indirect emissions from operational wastes, business travel, upstream and downstream transportation, etc.	<ul style="list-style-type: none"> <li>Upstream transportation (suppliers)</li> <li>Downstream transportation (customers)</li> <li>Business and official transportation</li> <li>Goods purchased (Electricity/water/motor gasoline)</li> </ul>

PLANET has made a strong commitment to drive its internal and external carbon reduction actions to meet the serious challenges posed by global climate change. The goal of this comprehensive environmental initiative is to reduce GHG emissions and build a sustainable future while mitigating the adverse environmental and social impacts of climate change. Internally, the Company has been actively engaged in carbon reduction actions. The Company reduces its carbon emissions by optimizing internal processes, improving energy efficiency, and introducing innovative technologies. The Company has fully embraced green products, which not only reduce their carbon footprint but also deliver broader social and environmental benefits. At the same time, the Company actively engages with external stakeholders to ensure that the entire value chain is involved in carbon reduction actions. Through supply chain management, PLANET works with its partners to reduce the environmental impact of the entire production chain, which not only promotes the sustainable development of the suppliers, but also further expands the environmental benefits of the Company and achieves the common goal of carbon reduction.

#### **“2023 company-wide participation in energy conservation competition”**

PLANET actively promotes the “company-wide participation in energy conservation competition” and has formulated the “Energy Saving Competition Reward Rules”. In 2022 and 2023, the Company implemented carbon reduction and climate change mitigation through the energy conservation competition. The competition lasted from November 2022 to October 2023 and was divided into two phases. The competition saved 22,133 kWh of electricity, including a 12% reduction in office electricity consumption.

#### **“2023 Company-wide participation in innovative carbon reduction”**

PLANET uses innovative thinking to create carbon reduction solutions in life, process, and professional aspects, to jointly face the challenge posed by climate change with its stakeholders. In 2023, the Company had a total of 24 innovative solutions to reduce carbon emissions, which, through behavioral changes, equipment improvements, and process optimization, reduced about 3.92 metric tons of CO<sub>2</sub>e carbon emissions.

#### **“Supply chain carbon reduction - GoGreen Plus”**

PLANET is actively responding to DHL’s newly launched “GoGreen Plus” service, which uses a fixed percentage of sustainable aviation fuel during transport, covering all cargo delivery routes including key markets in the United States and Europe. The use of this service is expected to reduce carbon emissions in logistics by up to 10%, which will accelerate the realization of PLANET’s sustainability commitment of net-zero carbon emissions by 2050. Through this project, the Company reduced its transport carbon emissions by 15.4 metric tons of CO<sub>2</sub>e, or 5%, compared to the use of conventional fuel, during the period from June to December 2023, which was verified by the third-party, SGS.

### (3) Goals and achievements of the goals

PLANET has developed short-, medium-, and long-term climate change mitigation and adaptation goals to demonstrate its climate change management performance, drive the transition to a low-carbon economy and reduce the impact of physical disasters. In line with the goal of keeping global warming below 1.5°C, PLANET has set the percentage of carbon reduction for each of the phases, which are challenging and ambitious short-, medium-, and long-term goals for climate change mitigation and adaptation.

Category	Goal	2023 Goal	2023 Achievement	Short-term: 2025	Medium-term: 2028	Long-term: 2030
Climate change mitigation	Reduce Scope 1 and Scope 2 absolute GHG emissions (compared with the base year 2022)	15%	12.51% (Not achieved: Insufficient use of renewable energy prevented further reduction of Scope 2 GHG emissions)	30%	42%	50%
	Reduce GHG emissions intensity	15.24%	18.41% (Achieved)	40.01%	54.40%	62.21%
	Increasing the proportion of renewable energy usage	15%	13.64% (Not achieved: the renewable energy supply contract was not established in time, resulting in no supply of renewable energy in July and therefore low consumption)	28%	40%	48%
Adaptation to climate change	TCFD management and disclosure	The report obtains external assurance	The report obtained external assurance. Maturity Level 4	The report obtains external assurance. Maturity Level 5 (2024)	To strengthen decision-making mechanisms and integrate climate-related financial information	
	CDP Carbon Disclosure Project	To participate in CDP rating voluntarily	Rated C level	To be rated B level	To enhance disclosure of climate change related information	
	Internal carbon pricing	To set internal carbon price	Internal carbon price is NT\$3,058 / metric ton of CO <sub>2</sub> e	Continuous, timely adjustment of internal carbon pricing	To optimize the internal carbon pricing management mechanism	
	GHG management	To obtain ISO14064-1 certification	Obtained ISO14064-1 certification	<ul style="list-style-type: none"> <li>To obtain ISO14067 certification</li> <li>To build a carbon management platform</li> </ul>	To establish a carbon management mechanism linked to suppliers	

## Annex 1: Report Management

- This report covers the period from January 1, 2023 to December 31, 2023
- The frequency of report compilation: Annually
- Contact Information:

Responsible Unit	Environmental Safety and Health Office
Contact Number	+886-2-2219-9518
E-mail	benc@planet.com.tw
Official Website	<a href="https://www.planet.com.tw">https://www.planet.com.tw</a>

## Annex 2: Index of TCFD Report

Aspect	Disclosure Items Recommended by TCFD	Page
<b>Governance</b>	Board's oversight of climate-related risks and opportunities	P5-8
	Management's role in assessing and managing climate-related risks and opportunities	P7-8
<b>Strategy</b>	Identification of short-, medium-, and long-term climate-related risks and opportunities by the Company	P9-10
	Assessment on impact of climate-related risks and opportunities on the Company's business, strategy, and financial planning	P11-21
	Strategic resilience, considering different climate-related scenarios (including the scenario with a temperature of 2°C or more severe conditions)	P22-23
<b>Risk Management</b>	Process for identifying and assessing climate-related risks and opportunities	P24
	Process for managing climate-related risks and opportunities	P25
	How the processes of climate-related risks identification, assessment and management are integrated with the overall risk management mechanism	P26
<b>Indicators and Goals</b>	Indicators used in assessing climate-related risks and opportunities based on the Company's strategy and risk management processes	P27-28
	Disclosure of Scope 1, Scope 2, and Scope 3 GHG emissions and related risks	P29-30
	The goals used by the Company in managing climate-related risks and opportunities and achievement of the goals	P31



## Annex 3: TCFD Report Conformity Statement






By Royal Charter

# Conformity Statement

**Climate related Financial Disclosure**

This is to conform that

PLANET Technology Corporation	普萊德科技股份有限公司
10F.	臺灣
No. 96, Minquan Rd.	新北市
Xindian Dist.	新店區
New Taipei City	民權路 96 號
231023	10 樓
Taiwan	231023

Holds Statement Number **CFD 767672**

PLANET Technology Corporation follows the Recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) Guidance to disclose climate-related financial information which is clear, comparable and consistent against its organizational risks and opportunities as well as its financial impacts. The disclosure covers the four core elements of the TCFD and is prepared based on the seven guiding principles for effective disclosures.

The maturity model for the Climate-related Financial Disclosures is **Level-5: Excellence** grade.

與氣候相關的財務揭露的成熟度模型為【第五級：優秀】等級。



For and on behalf of BSI

---

Managing Director BSI Taiwan, Peter Pu

Latest issue: 2024-05-02      Expiry date: 2025-05-01

Page 1 of 2

...making excellence a habit.™

The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Conformity Statement has been prepared for the above named client only for the purposes of verifying its statements relating to its climate related financial disclosures more particularly described in the scope. It was not prepared for any other purpose. The British Standards institution will not, in providing this Conformity Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Conformity Statement may be read. Any queries that may arise by virtue of this Conformity Statement or matters relating to it should be addressed to the above name client only.  
Taiwan Headquarters: 2nd Floor, No. 37, Ji-Hu Rd., Nei-Hu Dist., Taipei 114700, Taiwan, R.O.C.  
BSI Taiwan is a subsidiary of British Standards Institution

Statement number: CFD 767672

<b>Location:</b>	<b>Conformity Check Overall Result:</b>
PLANET Technology Corporation	The maturity model for the Climate-related Financial Disclosures is <b>Level-5: Excellence</b> grade.
10F.	
No. 96, Minquan Rd.	
Xindian Dist.	
New Taipei City	
231023	
Taiwan	
普萊德科技股份有限公司	與氣候相關的財務揭露的成熟度模型為【第五級：優秀】等級。
臺灣	
新北市	
新店區	
民權路 96 號	
10 樓	
231023	

Latest issue: 2024-05-02      Expiry date: 2025-05-01

Page 2 of 2

The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Conformity Statement has been prepared for the above named client only for the purposes of verifying its statements relating to its climate related financial disclosures more particularly described in the scope. It was not prepared for any other purpose. The British Standards institution will not, in providing this Conformity Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Conformity Statement may be read. Any queries that may arise by virtue of this Conformity Statement or matters relating to it should be addressed to the above name client only.  
Taiwan Headquarters: 2nd Floor, No. 37, Ji-Hu Rd., Nei-Hu Dist., Taipei 114700, Taiwan, R.O.C.  
BSI Taiwan is a subsidiary of British Standards Institution