



2025 NATURE AND CLIMATE REPORT



大白鷺 Great Egret

大白鷺是大型的鷺科鳥類，身長約90公分，全身羽色純白、頸長身細，嘴喙黃色，嘴黃腳黑，棲息於沼澤地、湖濱、河畔、池塘及海岸潮間帶泥灘地。覓食時常靜止在水邊，等待魚類等獵物靠近後迅速啄食。繁殖季嘴喙轉為黑色並長出蓬鬆的飾羽。大白鷺在台灣是普遍冬候鳥，僅少數留鳥。（金城湖周邊全年可見機率極高）

新竹市政府 環境局 11999 環境資訊 推廣 E Ink 元太科技



About this Report

The World Economic Forum publishes the "[Global Risks Report](#)" annually, identifying major uncertain events or conditions that may pose significant risks to countries and industries worldwide. In the 2024 and 2025 editions of the report, five environment-related risks were listed among the top ten global risks over the next decade. Notably, "Extreme Weather Events" have surged to the top position, followed by "Critical Change to Earth Systems" and "Biodiversity Loss and Ecosystem Collapse" as the three most severe long-term global risks. These findings underscore the urgency of addressing the growing threats posed by nature and climate change. In light of the uncertainties of nature and climate change and the ongoing transition in the global energy structure, E Ink Holdings Inc. (hereafter referred to as E Ink) has integrated economic development, environmental protection, and sustainable development into its core strategies. The Company actively promotes projects focused on energy conservation, carbon reduction, and water saving, and has implemented measures to identify and mitigate risks related to nature and climate change. Furthermore, E Ink is committed to developing energy-efficient products and services, enhancing climate and nature resilience, and fostering a culture of environmental sustainability.

E Ink references the International Financial Reporting Standards (IFRS) S2 Climate-related Disclosures, the Task Force on Nature-related Financial Disclosures (TNFD) framework, and the Task Force on Climate-related Financial Disclosures (TCFD) framework to identify nature- and climate-related risks and opportunities and assess their potential impacts on enterprise value, cash flows, financial position, and financial performance. Through its risk and opportunity assessment mechanism, relevant responsible units identify and evaluate nature- and climate-related transition risks, physical risks, and opportunities based on factors including policies and regulations, international initiatives and trends, technological developments, market shifts, and brand reputational considerations. The assessment also references the cross-industry metrics specified in IFRS S2, SASB industry-based disclosure topics, and entity-specific considerations. Risks and opportunities are analyzed and assessed across short-, medium-, and long-term time horizons. E Ink also applies scenario analysis to evaluate potential impacts and organizational resilience under different nature- and climate-related scenarios. Based on the assessment results, the Company develops risk management measures as well as adaptation and mitigation strategies. Through the oversight and active participation of senior management, E Ink continuously enhances its resilience and capacity to respond to nature- and climate-related challenges.

Editing Principles

This report references the frameworks of the Task Force on Nature-related Financial Disclosures (TNFD) and the Task Force on Climate-related Financial Disclosures (TCFD) to disclose information related to nature and climate risks and opportunities. It also utilizes the LEAP (Locate, Evaluate, Assess, and Prepare) analytical methodology for identification.

Reporting Scope and Period

This report covers E Ink's global operation centers and sales centers, including Taiwan (Hsinchu site and Linkou site), China (Yangzhou sites), the US (Billerica, Fremont, and South Hadley sites), as well as other regions, including sales centers in Tokyo, Japan; Seoul, South Korea; Shenzhen, China; and Eindhoven, the Netherlands. Overall, the scope achieves 100% coverage of the Company's major operation centers and sales centers.

This report discloses E Ink's corporate management strategies, risk and opportunity identification, as well as related goals and action plans concerning nature and climate for the year 2025 (from January 1 to December 31, 2025).

Reporting Information Compilation Process

The relevant information for this Nature and Climate Report is collected by each department and reviewed by the respective department heads. It is then submitted to the E Ink Corporate Sustainability Committee for consolidation, compilation, and internal audit. Upon completion, the finalized report is reviewed and approved by the Chairman prior to publication.

Sustainability Contacts

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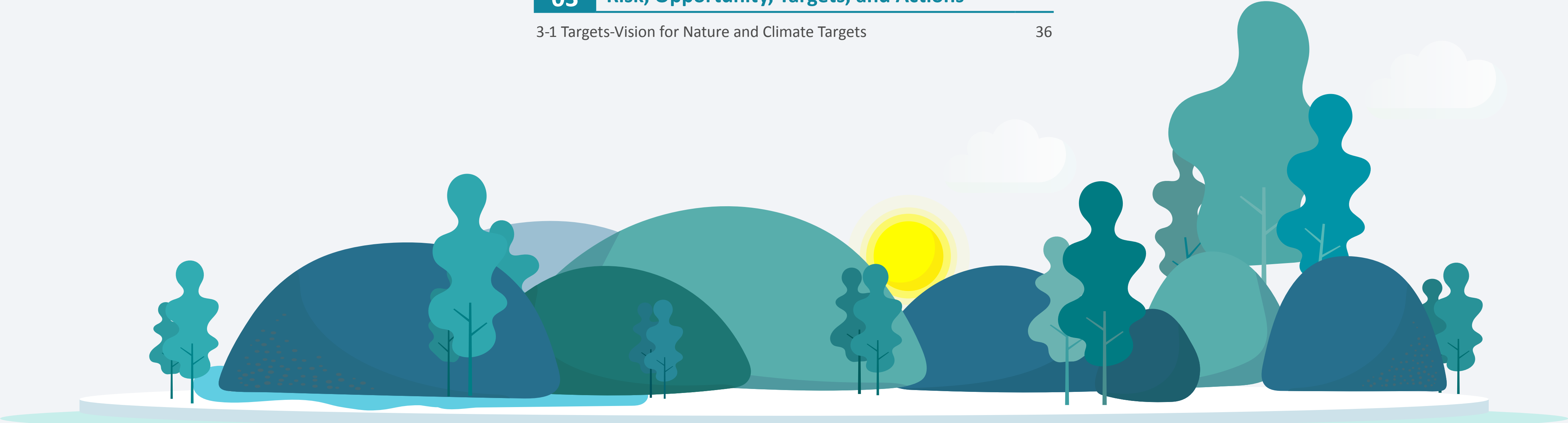
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CEO's Message

Embracing Change and Advancing Steadily Toward Sustainability

In recent years, global political and economic developments, climate change, and nature conservation issues have continued to shape corporate operations and industry development. In the face of a rapidly changing external environment, E Ink firmly believes that the foundation of long-term business success lies not only in technological innovation and operational growth, but also in a commitment to environmental sustainability and the forward-looking management of risks and opportunities.

As artificial intelligence advances rapidly, its substantial computing requirements are consuming vast amounts of electricity. Improving the efficiency of energy and electricity use has therefore become increasingly urgent. This is not only a matter of environmental sustainability and carbon reduction, but also one that affects energy resilience, grid stability, and national security. Featuring bistable and reflective display characteristics, ePaper consumes power only when an image is updated and requires almost no electricity to maintain a static image. It therefore enables more electricity resources to be allocated to high-value applications such as AI computing while supporting the development of a more energy-efficient and sustainable digital infrastructure. This makes ePaper one of the most environmentally valuable display technologies in the AI era.

Since embarking on its corporate social responsibility journey more than a decade ago, E Ink has progressively established a sustainability governance framework centered on environmental sustainability, social value, innovation-driven development, and transparent governance. We are honored to have continued to be included in the Dow Jones Best-in-Class World and Dow Jones Best-in-Class Emerging Markets indices. We have also achieved an A-level leadership rating for two consecutive years in CDP's Climate Change, Water Security, and Supplier Engagement assessments. These accomplishments not only recognize E Ink's efforts in sustainability governance, but also encourage us to continue advancing corporate sustainability to even higher standards.

Integrating Nature and Climate Governance to Deepen Sustainability Impact

E Ink recognizes that climate- and nature-related issues are closely interconnected. To genuinely strengthen corporate resilience, companies must establish a more comprehensive governance framework through which risks, opportunities, and impacts can be systematically identified and managed. Accordingly, E Ink has integrated the frameworks of the Taskforce on Nature-related Financial Disclosures (TNFD) and the Task Force on Climate-related Financial Disclosures (TCFD), establishing a more comprehensive nature- and climate-related analysis and management mechanism across the four pillars of governance, strategy, risk management, and metrics and targets.

Under the principle of double materiality, E Ink considers not only how nature and climate change may affect its operations, supply chain, and financial performance, but also how its own business activities interact with the environment and society. The Company also continues to strengthen the positive externalities generated by its

operations. In 2025, E Ink conducted ecological sensitivity analyses covering a total of 94 value chain locations, including 11 global operating sites, 62 key suppliers, and major customer locations representing 90% of the Company's revenue. The results indicated that none of these locations were situated directly within ecologically sensitive areas. A further review of the areas within a two-kilometer radius of each location found that certain operating sites and suppliers were located near ecologically sensitive areas. However, after taking industry characteristics and actual operational activities into consideration, E Ink did not identify any direct and significant adverse impacts on the natural environment arising from its value chain activities. These analyses enable us to manage nature-related issues more systematically and continuously enhance our risk prevention and management measures.

Prioritizing Climate Action and Accelerating the Net-Zero Transition

In response to the challenges posed by climate change, E Ink is taking proactive carbon reduction and energy transition actions in support of the global movement toward net zero. We are committed to achieving 100% renewable electricity use by 2030 under RE100 and reaching net-zero carbon emissions by 2040. Through continuous operational improvements, energy transition initiatives, and low-carbon investments, we are advancing the Company's long-term decarbonization pathway.

By the end of 2025, renewable electricity accounted for 67% of E Ink's global electricity consumption, exceeding the original target. The Yangzhou plant, the Company's facilities in the US, and its offices in Japan, South Korea, and the Netherlands had all achieved 100% renewable electricity use. In 2025, 25 energy-saving initiatives implemented across E Ink's global facilities reduced electricity consumption by a total of 6.069 million kWh, equivalent to approximately 2,910 metric tons of carbon dioxide equivalent. Water-use intensity also decreased by 27% compared with the 2021 baseline.

E Ink's facilities in Taiwan and Yangzhou also achieved a 100% waste diversion rate and obtained the highest-level Platinum certification under the UL2799 Zero Waste to Landfill standard. These achievements reflect E Ink's continuous progress in energy conservation, water conservation, waste reduction, and circular resource management, while further strengthening the environmental resilience of its operations.

In addition to implementing carbon reduction initiatives, E Ink has incorporated climate risk management into its business decision-making processes. For physical risks, the Company conducted scenario analyses of flooding, water stress, and slope-related hazards under the SSP5-8.5 high-emissions scenario. The results indicated that none of E Ink's operating sites in Taiwan were located in extremely high-risk areas and that the sites were not expected to face significant operational disruptions or long-term water stress risks in the short term. For transition risks, E Ink referred to the IEA Net Zero Emissions by 2050 Scenario to assess the potential financial impacts of carbon fees and carbon pricing. The analysis indicated

that proactive renewable electricity procurement, the introduction of energy-efficient equipment, and the implementation of low-carbon management measures could effectively keep the potential carbon fee impacts between 2030 and 2040 within a reasonable range, thereby strengthening the Company's resilience and competitiveness throughout the net-zero transition.

Unlocking the Value of Green Products and Creating New Opportunities in the Low-Carbon Transition

E Ink is committed to providing global customers with more sustainable display solutions through highly energy-efficient, low-carbon ePaper technologies and products. In 2025, 100% of E Ink's product sales were classified as green revenue, demonstrating the strong alignment between our core business and the global low-carbon transition. ePaper uses ambient light to display images and does not emit light of its own, offering the combined advantages of low energy consumption and minimal light pollution. It is also the world's first display technology to receive certification from DarkSky International, enabling it to effectively reduce the disturbance caused by light pollution to communities and natural ecosystems.

As applications in smart cities, smart retail, and digital reading continue to expand, market demand for low-carbon display technologies is also growing. Based on E Ink's 2025 nature and climate analysis, the Company identified two material opportunities: "increased demand for and applications of ePaper products" and "the advancement of low-carbon products and green production." It also identified two material risks: "the transition to low-carbon technologies and manufacturing processes" and "net-zero carbon emissions." To proactively address these risks and capitalize on the associated transition opportunities, E Ink invested approximately NT\$6.4 billion in 2025, representing around 70% of its total expenditures for the year. These investments covered research and development, selling expenses, capital expenditures for green buildings, and renewable electricity procurement, strengthening the low-carbon competitiveness of the Company's technologies, products, and operational systems.

Protecting Natural Ecosystems and Advancing Biodiversity-Inclusive Development

Alongside its climate actions, E Ink recognizes that protecting the natural environment and biodiversity is an essential corporate responsibility and an indispensable component of sustainable development. We have established a Biodiversity and No-Deforestation Commitment, with the short-term objective of achieving No Net Loss (NNL) and the goal of delivering a Net Positive Impact (NPI) by 2030. Nature-related considerations are also being continuously incorporated into the Company's governance and decision-making mechanisms.

In 2025, five solar-powered color ePaper dynamic information displays installed by E Ink at Xiangshan Wetland in Hsinchu were officially put into operation. Using low-energy, light-pollution-free display technology that can be updated remotely, the displays provide conservation and environmental education information concerning migratory birds, wetland ecosystems, and endangered species such as horseshoe crabs. This initiative applies E Ink's core product technology directly to biodiversity conservation and environmental education. It not only demonstrates the low-carbon and light-pollution-free advantages of ePaper technology, but also represents a tangible example of how E Ink uses technological innovation to address nature conservation needs and expand its positive environmental impact.

Strengthening Sustainability Governance and Advancing with Steady Progress

E Ink firmly believes that a governance framework founded on integrity and transparency, supported by comprehensive systems, and implemented effectively is essential to advancing corporate sustainability. In addressing material issues such as climate change, natural capital, and biodiversity, we will continue to deepen our nature and climate governance, advance the net-zero transition, promote low-carbon product innovation, and support biodiversity conservation. Together with our supply chain partners, customers, employees, communities, and other stakeholders, we will work to build a sustainable future that is resilient, low-carbon, and inclusive.



CEO

01 Our Vision and Milestones for Nature and Climate



1-1 Foundation-Establishing a Comprehensive Governance Mechanism and Team Management

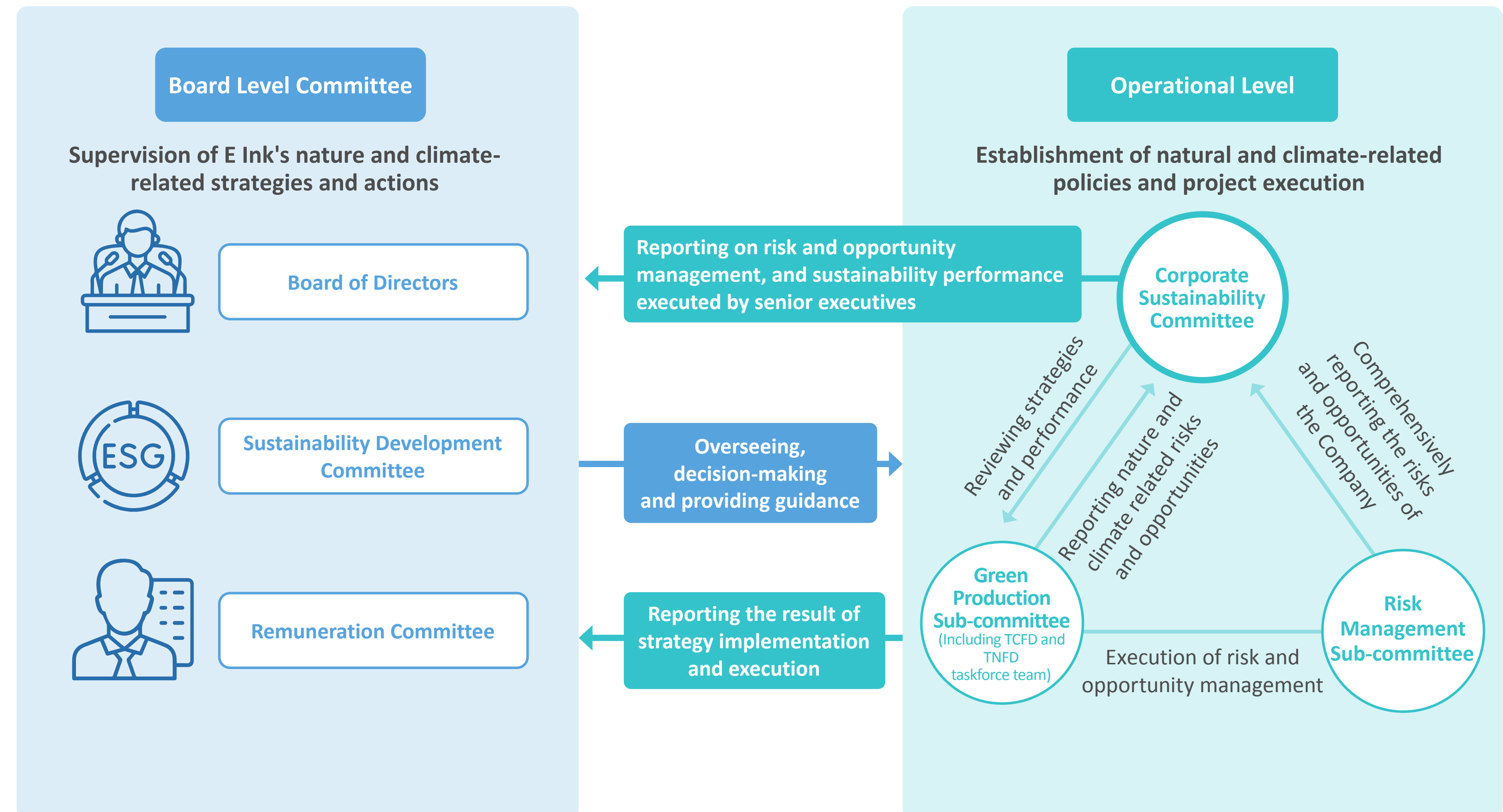
1-2 Accumulation-E Ink's Key Milestones in Nature and Climate

1-1 Foundation-Establishing a Comprehensive Governance Mechanism and Team Management

Organizational Structure

E Ink's Board of Directors consists of seven members, including three independent directors, representing 43% of the Board. The Board is chaired by the Chairman and is responsible for establishing strategies and annual targets related to nature and climate change. It also oversees the implementation of these strategies and targets, and evaluates the linkage between nature- and climate-related performance and executive compensation. In response to the evolving sustainability agenda, emerging regulatory requirements, and the increasing risks associated with extreme climate events, E Ink established the Sustainability Development Committee in November 2022 to strengthen its ability to address sustainability trends and challenges while proactively identifying sustainability-related opportunities. Authorized by the Board of Directors, the Committee comprises seven Board members with expertise and capabilities in corporate sustainability and is responsible for overseeing and promoting the Company's sustainability-related initiatives. The Remuneration Committee is responsible for reviewing and determining the compensation and incentive arrangements of senior executives.

Under the Sustainability Development Committee, management-level committees and working groups have been established, including the Corporate Sustainability Committee, the Risk Management Sub-committee, and the Green Production Sub-committee. The Corporate Sustainability Committee, chaired by the Chairman, is responsible for driving execution and reports to the Board twice a year. Governance and risk management related to nature and climate change are primarily driven by the Green Production sub-committee of the Corporate Sustainability Committee, which continuously assesses and manages the impact of nature and climate change on operations. This sub-committee also coordinates meetings with various departments to discuss annual action plans and promote sustainable development. Additionally, nature and climate-related material risks and opportunities are integrated into the Company's risk management mechanism, enabling the Risk Management sub-committee of the Corporate Sustainability Committee to conduct comprehensive corporate risk management.



Type	Committee	Convener / Team Leader	Governance Responsibilities	Reporting Frequency
 Board Level Committee	Board of Directors	Chairman	The Board of Directors of E Ink is the highest governing body for risk management, regularly approving management strategies for nature and climate-related risks and opportunities while overseeing the effectiveness of the overall risk management mechanism.	Twice a year
	Sustainability Development Committee	Chairman	Reviews nature and climate-related risk policies and procedures, approves risk tolerance levels and risk control priorities, makes decisions on material nature and climate-related issues, and allocates resources to ensure effective risk response.	Twice a year
	Remuneration Committee	Independent Director	According to the Senior Executive Remuneration Policy, the remuneration and bonuses of senior executives are evaluated and implemented based on "fixed compensation" and "variable compensation." The evaluation metrics for variable compensation are linked to the achievement of sustainability and risk management targets and goals ^{Note} .	Annually
 Operational Management Level	Corporate Sustainability Committee	CEO	Acts as a cross-departmental communication platform for vertical integration and horizontal coordination, reviewing the corresponding strategies and long-term goals of sub-committees, coordinating, and allocating resources, and tracking execution performance to ensure that sustainability strategies are fully implemented in the Company's daily operations.	Reports to the Sustainability Development Committee twice a year; reports to the Remuneration Committee and the Board of Directors annually.
	Risk Management Sub-committee	CFO	The Risk Management sub-committee responsible for the Company's risk management executes its duties by following risk management policies and procedures. It proactively maintains the risk management mechanism related to nature and climate change, defines risk control priorities, and assists in and supervises the execution of risk management activities across various departments.	Reports on implementation progress to the Corporate Sustainability Committee at least twice a year.
	Green Production Sub-committee	Operation Center Vice Presidents	The Green Production sub-committee, a multi-disciplinary committee, implements and manages actions related to nature and climate change risks and opportunities. Responsibilities include identifying and evaluating these risks and opportunities, analyzing strategic and financial impacts, formulating management guidelines based on significant nature and climate-related risk items, setting metrics and targets, and reviewing execution status and future plans.	Reports on implementation progress to the Corporate Sustainability Committee at least twice a year.

Note: For detailed information on the Senior Executive Remuneration Policy, please refer to Chapter 2, Corporate Governance, in the 2025 Corporate Sustainability Report.

Governance and Management Practices

E Ink adheres to its "Biodiversity and Non-Deforestation Commitment," "Safety, Health, Environment, and Energy Management Policy," "Sustainable Product Management Policy" and "Risk Management Policy and Procedures", these policies and commitments with E Ink's sustainability vision, strategy, and core to establish effective governance policies and management systems for nature and climate change. By aligning these policies and commitments with E Ink's sustainability vision, strategy, and management core, and implementing governance and oversight from the Board level down to operational planning, the Company actively promotes initiatives such as native species conservation, climate change mitigation, greenhouse gas reduction, waste and wastewater management. These efforts aim to minimize the environmental impact of human activities and stabilize the development of natural ecosystems.

Moreover, E Ink's core product-ePaper-offers both environmental and visual benefits. As AI and IoT continue to thrive, various sectors are integrating smart devices to enhance management and operational efficiency. However, the increased use of AIoT devices also leads to higher overall energy consumption. For example, when national parks introduce electronic displays to enhance visitor communication experiences, conventional light-emitting displays, such as Thin Film Transistor Liquid Crystal Displays (TFT-LCD) and Organic Light-Emitting Diode (OLED) displays, emit artificial light that can disrupt the natural state of wildlife habitats, potentially causing harm to these environments. In contrast, ePaper, featuring sustainability, offers energy efficiency, low power consumption, and does not emit light, providing both environmental and visual benefits. To further enhance the sustainability of ePaper, E Ink has introduced a "Sustainable Product Management Policy," aiming to maximize the energy-saving and carbon-reducing benefits of ePaper technology and products from design to manufacturing.

Building on its governance of nature and climate change, E Ink aligns the management of these issues with its sustainable management^{Note} framework, encompassing four sustainability foundations, seven sustainable actions, and eleven sustainability topics, setting specific goals and actions related to nature and climate change.

E Ink will continue to integrate its core ePaper business with biodiversity projects, advancing the smart management of natural environments while preserving the original characteristics of natural habitats and species.

Note: For more information about E Ink's sustainable management, please refer to the 2025 Corporate Sustainability Report.



In 2025, E Ink reported 7 proposals to the Board Level Functional Committees, namely Sustainability Development Committee, and 7 proposals to the Board of Directors. All reported proposals were processed in accordance with the procedures. The reported proposals are listed in the table below:

Categories	Sustainability Actions	Sustainable Topics	Summary of Key Reporting items
 Green Production	- Transformation Path to Net Zero - Environmental Impact Mitigation - Response to Climate Change	*Climate Change Mitigation and Adaptation *Energy and Greenhouse Gas Management *Water and Wastewater Management *Resource Management and Circular Economy - Air Pollution Management	- Reported twice a year on the targets, metrics, and achievement status set by the Green Production sub-committee - Revision of the E Ink Policy on Safety, Health, Environment, and Energy Management (SHEE) Management Policy - Greenhouse gas inventory and verification results for the Company and its subsidiaries - Energy and renewable energy usage, water consumption, VOC emissions, electricity consumption per unit of product, and carbon emissions per unit of product - Waste treatment and recycling rates - Performance of <u>environmental management</u> systems and site implementation plans - Planning of digitalization and online management systems for SHEE - Impact of carbon fee collection in Taiwan - Planning of energy substitution and improvement measures - Risk management-Green Production
 Sustainable Products	- Product Realization and Technology Innovation - Expansion of Low Carbon Products	*Product Research, Development and Innovation *Green and Sustainable Product Development *Market Expansions - Business Partnership Management	- Reported twice a year on the targets, metrics, and achievement status set by the Sustainable Products sub-committee - Product energy-saving and carbon reduction design initiatives - Planning for product Environmental Product Declaration (EPD) inventory and verification - Progress of the E Ink Enabled™ label promotion for products - Risk management-sustainable products
 Sustainable Supply Chain	Developing a Green and Low-Carbon Supply Chain	*Sustainable Supply Chain Management	- Reported once a year on the targets, metrics, and achievement status set by the Sustainable Supply Chain sub-committee - Planning for the establishment of ISO 20400 Sustainable procurement Guidance compliance assessment across sites - Risk management of significant suppliers - Promotion and planning of supply chain management systems - Risk management-supply chain management
 Social Engagement	Restoring Ecosystems and Promoting Eco-Friendly Practices	Biodiversity	- Reported once a year on the targets, metrics, and achievement status set by the Social Engagement sub-committee - Engagement results on material topics of stakeholder concern - Installation of E Ink displays at Xiangshan Wetlands in Hsinchu City - Outcomes of environmental education and employee participation

Note 1: The above is an excerpt related to nature and climate change to the Board of Directors in 2025. For a comprehensive list of the key decisions made by the Board of Directors in 2025, please refer to the "Operation of the Board of Director Meetings" in the [2025 Annual Report](#).
Note 2: *Indicates Material Topics of sustainability management. For details, please refer to the [2025 Corporate Sustainability Report](#).

1-2 Accumulation-E Ink's Key Milestones in Nature and Climate

Since 2017, E Ink has gradually engaged in the management of nature and climate change issues. By 2025, the Company has actively participated in both international and domestic initiatives, collaborating with multidisciplinary experts from industry, government, academia, and research institutions to promote relevant measures and regulations. In addition to working with various stakeholders to protect natural ecosystems and mitigate the impact of climate change on the environment, E Ink has been recognized with numerous international and domestic awards and certifications, acknowledging its efforts in the governance and management of nature and climate change.

Initiative and Advocacy

Initiative and Advocacy



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

Science Based Targets Network (SBTN)
Corporate Engagement Program



SCIENCE BASED TARGETS
RIVING AMBITIOUS CORPORATE CLIMATE ACTION

Science Based Targets initiative (SBTi)
Setting carbon reduction targets and achieving net-zero carbon emissions in a scenario where global temperature rise is limited to 1.5°C



BUSINESS FOR NATURE

Business for Nature
A global alliance of influential organizations and forward-thinking businesses, pooling efforts to advocate for ambitious policies and urging governments to take action to halt and reverse the loss of nature by 2030



Task Force on Nature-related Financial Disclosures (TNFD) Early Adopter
Adopt the TNFD framework to manage and disclose nature-related risks and opportunities



CLIMATE GROUP
SMART ENERGY COALITION

Smart Energy Coalition
E Ink has joined the energy productivity initiative launched by the Climate Group
The first company to join the initiative in electronics industry in Taiwan



THE CLIMATE PLEDGE

The Climate Pledge
Initiative to achieve net zero carbon emissions before 2040
The world's first display manufacturer to join this initiative



RE100

The Global Renewable Energy initiative has committed to achieving 100% use of green energy before 2050.
E Ink has committed to achieving 100% use of renewable energy (RE100) by 2030



TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES

TCFD
Supporter

Task Force On Climate-related Financial Disclosures (TCFD) Supporter
Initiative for voluntary Climate-related Financial Disclosures



TRIPS

企業減碳溫度計

Temperature Rising Index for Pathways
In cooperation with industry and academia, Commonwealth Magazine has launched Taiwan's first carbon disclosure platform.
E Ink is a collaborative partner committed to carbon reduction targets



RACE TO ZERO

Race to Zero Campaign
E Ink has committed to achieving net-zero emissions by 2040



United Nations
Global Compact

The United Nations Global Compact, UNGC
Since 2018, the US sites have joined the organization as signatories for their commitments to sustainable development and outstanding performance



Certification, Evaluation and Awards Recognitions



Top 1% in the ITC Industry in the 2026 S&P Global Sustainability Yearbook



2025 CDP Leadership A List for Supplier Engagement Assessment



All production sites have obtained ISO 14001 certification
75% of production sites have



ISO 46001 Water Efficiency Management System



Leadership A List for Climate Change and Water Security in the 2025 CDP



Green Revenue 100%



UL2799 Landfill Waste Diversion Declaration Verification
The Hsinchu, Linkou, and Yangzhou sites have obtained Platinum-level certification



ISO 14067:2018 Product Carbon Footprint International Standard Certification

- The 6.8-inch eReader module
- The 2.9-inch electronic shelf label (ESL) module



E Ink collaborated with the Harvard School of Public Health on a peer-reviewed study to examine the effects of display screens on human retinal cells. The research revealed:

- The light spectrum emitted by backlit or front-lit displays is a primary cause of stress on retinal cells.
- Retinal cells stressed by blue light produce reactive oxygen species (ROS), which accumulate during prolonged viewing, leading to photo-oxidative retinal damage.
- ePaper devices equipped with E Ink ComfortGaze™ front light exert three times less stress on retinal cells compared to LCD devices.
- The color temperature setting affects the stress level on retinal cells, and adjusting the color of an LCD to day or night mode is less effective than using a lighting solution designed for eye safety.
- ePaper devices without front light do not emit blue light, thus avoiding retinal cell stimulation.



E Ink's ePaper technology has been awarded the Dark Sky certification by the International Dark-Sky Association (IDA), making it the first display technology globally to receive this recognition. E Ink's ePaper features a reflective display that utilizes ambient light to show images on the screen, without emitting light. When viewed at night, the ePaper display can be illuminated with a small LED light strip, eliminating the need for excessive stray light that could disrupt communities or the environment, thereby conserving energy.

Nature and Climate Action Timeline



Note: TNPI was initiated by the Business Council for Sustainable Development of the Republic of China in 2022, inviting industries to take more proactive actions on nature and biodiversity conservation and to cultivate relevant professional talent, thereby e2.1 Identification-Material Topics of Nature enhancing corporate risk resilience and transparency in opportunity management.

02 Management and Response Strategies for Risks and Opportunities

2-1 Identification-Material Topics of Natural and Climate

2-2 Analysis-Natural and Climate Scenario Analysis



E Ink has established its "Risk Management Policy and Procedure" in accordance with the ISO 31000 Risk Management Framework and integrates nature- and climate-related risks and opportunities into its overall multi-disciplinary enterprise risk management process. The process encompasses the identification, analysis, assessment, response, monitoring, and review of risks and opportunities. Every three years, the Company references IFRS S2, the TNFD framework, and the TCFD framework, and incorporates cross-industry metrics, SASB industry-based disclosure topics, entity-specific considerations, peer benchmarking results, existing and emerging nature- and climate-related regulations, and cross-functional communication outcomes to identify nature- and climate-related transition risks, physical risks, and opportunities that may affect its value chain, including its own operations as well as upstream and downstream activities, over the short term (within 5 years), medium term (5-10 years), and long term (more than 10 years). The Company also assesses the potential impacts of these risks and opportunities on enterprise value, cash flows, financial position, and financial performance.

The Green Production Subcommittee under the Corporate Sustainability Committee reviews nature and climate-related risks and opportunities semi-annually, evaluates their likelihood of occurrence and associated financial and non-financial impacts, and coordinates the development of relevant adaptation and mitigation measures. The operational management team monitors the implementation and effectiveness of these measures and reports the results to the Board of Directors on a regular^{Note} basis. By integrating nature and climate-related risk management into daily operations and decision-making processes, E Ink enhances its ability to identify and respond to risks, strengthens corporate resilience and long-term preparedness, and ensures the effective implementation of its sustainability strategy throughout its operations.

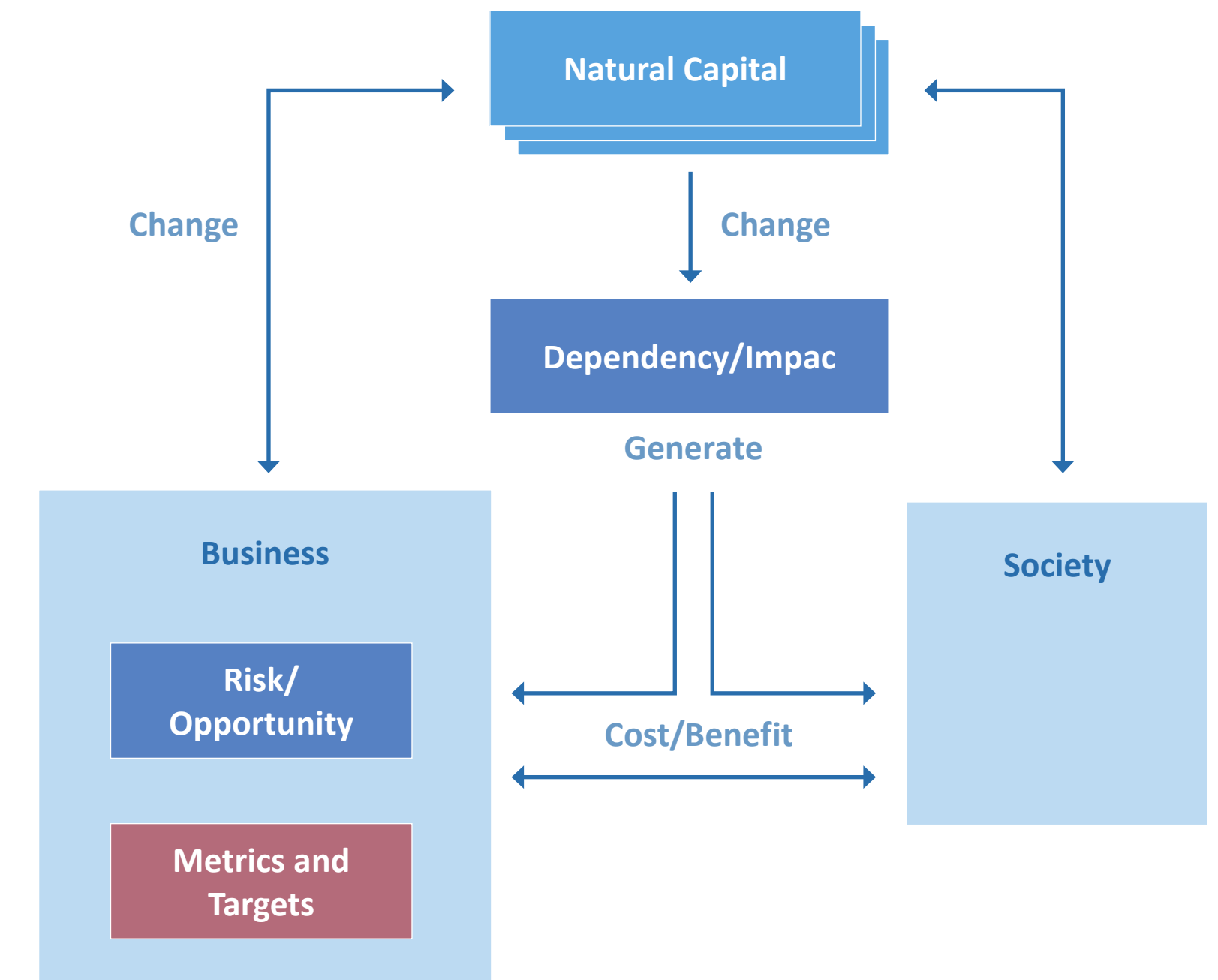
E Ink's operations and value chain depend on various ecosystem services provided by natural capital, including water resources, land, climate, and biodiversity. At the same time, its activities may generate both positive and negative impacts on the natural environment. To ensure that nature and climate-related issues are incorporated into strategic planning and the risk governance framework, E Ink employs a systematic approach to assess its dependencies and impacts on natural capital, thereby identifying material topics related to its operations as the foundation for risk and opportunity identification.

Leveraging the TCFD and TNFD frameworks and related methodologies, such as LEAP, E Ink first identifies operational sites, value chain locations, and activities that interact with the natural environment. The Company then evaluates and identifies potential risks and opportunities from both physical and regulatory perspectives, assessing their potential financial and non-financial impacts. The analysis is further supported by scenario analysis to enhance resilience and preparedness in responding to uncertainties. This process not only aligns with the Company's risk management framework but also strengthens the forward-looking nature and adaptability of its business strategy.

Based on the results of these assessments, E Ink has established management targets and quantitative metrics that encompass nature and climate-related issues to monitor performance and track progress. The design of these indicators is guided by principles of comparability, measurability, and management relevance. Through this approach, E Ink continuously examines its risk of dependency on and impact on natural capital, ensuring alignment between its management actions and sustainable development strategies.

Both the organization's and society's "dependency" on and "impact" on nature may pose threats to the organization, which in turn give rise to nature-related risks. Depending on their underlying causes, these risks may manifest in different forms and characteristics, including physical risks, transition risks, and systemic risks.

Note: At least twice a year.



2-1 Identification-Material Topics of Nature and Climate

To effectively identify and respond to nature and climate-related factors that may have significant financial or strategic impacts on its operations and value chain, E Ink adopts the LEAP approach (Locate, Evaluate, Assess, Prepare) recommended by the Task Force on Nature-related Financial Disclosures (TNFD) and integrates it with the framework of the Task Force on Climate-related Financial Disclosures (TCFD) to develop a systematic process for identifying nature and climate-related risks and opportunities. By integrating diverse data sources, Geographic Information Systems (GIS), and both domestic and international professional assessment tools, the Company conducts a comprehensive analysis of the spatial relationships between its operational and supply chain sites and ecologically sensitive areas. It also evaluates the degree of dependency on natural capital and assesses potential environmental impacts. Through this process, potential risk and opportunity factors with material influence are identified. Finally, a materiality assessment is conducted based on the likelihood of occurrence and financial impact, serving as the foundation for the Company's nature-related risk management and the formulation of its sustainability strategies.

Boundary and Data Scope	Ecologically Sensitive Area Screening	Identification of Nature Dependencies and Impact Factors	Identification of Nature and Climate Risk and Opportunity Factors	Material Nature and Climate Risk and Opportunity Assessment
Global operation centers, sales centers, significant suppliers, and key customer operation sites	Using the IUCN World Database on Protected Areas , databases from the Forestry and Nature Conservation Agency of the Ministry of Agriculture and the Ministry of the Interior, and the Aqueduct Water Risk Atlas developed by the World Resources Institute (WRI) , the Company screens for value chain sites located within a two-kilometer radius that overlap with legally designated or scientifically recognized important ecological areas and regions under high water stress.	Using ENCORE (Exploring Natural Capital Opportunities, Risks and Exposure) tools to identify issues within the value chain operations that have moderate or higher levels of dependency and impact on natural capital.	Nature: Following the identification of dependency and impact issues requiring attention, these are mapped to the TNFD nature-related risk and opportunity registers to identify potential risks and opportunities. Climate: In accordance with the TCFD framework, potential risks and opportunities are identified by integrating peer scenario analysis and cross-functional internal engagement. Integration: Nature- and climate-related risks and opportunities are consolidated and integrated.	Based on the level of impact and likelihood of occurrence of risks and opportunities, E Ink identifies material risks and opportunities and further assesses their reasonably foreseeable financial impacts. For material risks and opportunities that meet the Company's materiality disclosure threshold, the corresponding financial impacts and response measures will be disclosed.
11 Own operation sites ^{Note} 62 Significant suppliers across 70 sites 90% of revenue from key customer sites	While no value chain sites are directly located within ecologically sensitive areas, 4 own operation sites and 14 significant suppliers sites are located within a two-kilometer radius of such areas.	Identify 7 potential nature-related dependency issues and 6 impact-related issues requiring attention.	A total of 17 nature and climate-related risks and 6 opportunities were identified and summarized.	A total of four material risks and two material opportunities, of which two risks and two opportunities meet the Company's materiality disclosure threshold.

Note: Includes one potential future site for a new office building and manufacturing site.

Ecological Sensitivity Screening

E Ink conducted an ecological sensitivity analysis across its global value chain, covering 11 operational sites, including the Hsinchu and Linkou sites in Taiwan; the Billerica, South Hadley, and Fremont sites in the US; the Yangzhou sites and Shenzhen sales centers in China; sales centers in the Netherlands, South Korea, and Japan; as well as one potential future site for a new office building and manufacturing site. In addition, the analysis includes 62 significant suppliers and major customer operational sites accounting for the top 90% of revenue, covering a total of 94 locations. To enhance accuracy, the evaluation integrated multiple domestic and international databases to analyze spatial overlaps between these locations and ecologically sensitive areas, identifying potential ecological risk hotspots arising from interactions with natural capital. The results serve as a foundation for risk management and strategic planning.

Value Chain Site Analysis Process

Value Chain	Geospatial Data Sources	Impact Analysis Method
11 Own operation sites 62 Significant suppliers 90% Revenue key customers	- IUCN World Database on Protected Areas - Databases of the Forestry and Nature Conservation Agency and Ministry of the Interior : - Nature Conservation Areas - Wildlife Refuges - Nature Reserves - Water Risk Atlas developed by the World Resources Institute (WRI) - Water Stress - Important Wetland - National Park	- Using Geographic Information System (QGIS), a spatial overlay analysis was conducted by establishing adjacent areas to own operations were defined as a 2-kilometer radius surrounding each operation center to assess spatial relationships with surrounding environmental features. Based on this approach, the following classifications were defined: - Ecologically Sensitive Areas: Areas that fall under IUCN management categories Ia to IV, databases from Taiwan's Forestry and Nature Conservation Agency under the Ministry of Agriculture and the Ministry of the Interior, and locations with Level 5 water stress. - Other Protected Areas: Areas classified under IUCN management categories V, VI, and others.

According to the analysis results, none of E Ink's value chain sites are located directly within ecologically sensitive areas or other protected zones. This indicates that the Company's value chain operations do not have a direct impact on the biodiversity of those regions. To further assess the potential impacts of the value chain on ecology and biodiversity, E Ink extended its analysis to examine whether any ecologically sensitive areas fall within a two-kilometer radius of each operation center. The analysis results indicate that 4 own operation sites and 14 significant supplier sites are located within this range. In light of this, E Ink will further examine the interrelationship between value chain activities located near ecologically sensitive areas and the natural environment as an important basis for future nature-related risk management and conservation action planning.

Analysis of Value Chain Sites Within 2 Kilometers of Ecologically Sensitive Areas



Value Chain	Nearby Area	IUCN Category / Taiwan Protected Area	Value Chain Description
Own operation	US: Don Edwards San Francisco Bay National Wildlife Refuge	IV Habitat/Species Management Area	Fremont site: office, manufacturing facilities, laboratory
	US: Great Meadows Wildlife Refuge	IV Habitat/Species Management Area	Billerica site: office, manufacturing facilities
	Korea: Seoul Urban Natural Park Areas	IV Habitat/Species Management Area	Korea sales office
	Taiwan: Xucuogang Important Wetland	Taiwan Important Wetland	Potential future site: office and manufacturing facilities
Significant suppliers	Taiwan: Taoyuan Irrigation Ponds Important Wetland, Xinhai Artificial Important Wetland, Dahan-Xindian Important Wetland, Guantian Important Wetland, Jianan Irrigation Ponds Important Wetland, Lujiaoxi Artificial Important Wetland, Wugu Important Wetland, etc	Taiwan Important Wetland	10 significant suppliers
	Taiwan: Sicao Wildlife Refuges, Sicao Important Wildlife Habitat, Yunlin Huben Fairy Pitta Major Wildlife Habitat	Taiwan Protected Areas	
	Japan: Kameyama Shirakawa, Tokyo Port, Higashi-Iruma, and Kamogawa Prefectural Wildlife Protection Areas	IV Habitat/Species Management Area	4 significant suppliers
	US: CI-P6,Open Space-Local Conservation Area, Brooklawn Park-Reservation	V Protected Landscape/Seascape	2 significant suppliers
Key customers	US: Northeast Queen Anne Greenbelt	V Protected Landscape/Seascape	1 key customer

About IUCN Protected Area Categories System

According to the International Union for Conservation of Nature (IUCN) Protected Area Categories System, protected areas can be classified into six categories based on these primary management objectives:

- **Ia Strict Nature Reserve:** Areas established for scientific research, primarily used for scientific studies and environmental monitoring. These areas typically consist of ecosystems that have not been disturbed by human activities.
- **Ib Wilderness Area:** Established to preserve the original state of the wilderness, these areas protect large expanses of untouched natural environments. They maintain their natural condition by restricting human activities, making them suitable for conserving extensive natural landscapes and ecosystems.
- **II National Park:** Established to conserve ecosystems and provide recreational opportunities, these areas protect large natural landscapes. They support ecosystem preservation while allowing for tourism, education, and research activities, along with moderate recreational use.
- **III Natural Monument:** Established to preserve specific natural features, these areas protect unique natural landscapes or landmarks, such as mountains, caves, and waterfalls, that possess distinctive natural or cultural value.
- **IV Habitat/Species Management Area:** These areas are established to achieve conservation objectives through active management. They protect specific habitats or species, often requiring proactive management measures to maintain or restore ecosystems.
- **V Protected Landscape/Seascape:** Established to conserve landscapes and seascapes with significant natural and cultural value, these areas allow for recreational activities. They protect scenic areas and seascapes while permitting traditional land use practices and sustainable resource utilization.
- **VI Managed Resource Protected Area:** Established to ensure the sustainable use of natural ecosystems, these areas combine the protection of natural resources with their sustainable utilization. They support the livelihoods and traditional cultures of local communities while conserving biodiversity.

Water Stress Analysis

E Ink uses the baseline annual average water stress levels provided in the World Resources Institute (WRI) Aqueduct 4.0 model as the primary parameter for analysis. Based on the results, the Company's seven manufacturing operation sites are all located in areas with low to medium water stress, indicating that there are currently no significant water-related risks to operations. In addition, three sales centers are located in areas subject to moderate to high water stress. However, due to their relatively low dependence on water resources, the potential impacts of related risks are considered limited. Within the supply chain, four supplier operation sites located in Beijing, Jiangsu, and Shandong in China are classified as being in extreme high water stress areas. These sites will be subject to further analysis to assess their potential impacts.

Value Chain	Low	Low-Medium	Medium-High	High	Extreme High
Own operation centers	1	6	0	0	0
Own operations-sales centers	0	1	2	1	0
Supply chain	12	47	5	2	4

Note: In the Aqueduct model, baseline water stress is estimated based on the ratio of total water demand to available renewable water supply within a watershed. Water demand includes domestic, industrial, irrigation, and livestock uses, while available water supply accounts for upstream consumption and the impact of large dams on downstream water availability.

Identification of Nature-related Dependencies and Impact Issues

To systematically identify and screen nature-related issues, E Ink adopted the ENCORE tool jointly developed by the Natural Capital Finance Alliance (NCFA) and the United Nations Environment Programme Finance Initiative (UNEP FI), combined with value chain industry classifications, to analyze the distribution of nature-related dependencies and impacts. The results indicate that there are seven nature-related dependency topics and six potential impact topics within the value chain^{Note} that are assessed as having moderate or higher significance.

In the dimension of nature dependencies, the key issues are concentrated on water resources and environmental regulation functions. E Ink's own operations and significant suppliers demonstrate moderate dependency on issues such as water supply, water quality, and water flow maintenance, reflecting the manufacturing processes' and raw material production's reliance on stable water resource conditions. In addition, regulatory ecosystem services such as flood mitigation and typhoon regulation also show a certain degree of dependency, highlighting the importance of natural disaster regulation functions to operational sites and supply chains. In comparison, dependencies related to soil erosion prevention and solid waste remediation are relatively lower. In the dimension of nature-related impacts, the primary concerns are associated with pollution emissions and resource use. In particular, water and soil pollution show relatively higher potential impacts in certain value chain activities, reflecting the environmental pressures arising from process emissions and chemical use. Furthermore, non-greenhouse gas pollutants and waste generation are also important sources of impact. Although certain disturbance-related impacts, such as noise and light pollution, may exist in specific industries, the Company's operational sites are primarily located within existing developed industrial or technology parks, and therefore their direct impacts on natural habitats are considered relatively limited.

Based on the overall assessment results, E Ink's key nature-related issues are primarily concentrated on water resource management, pollution emissions, and climate regulation-related ecosystem services. These issues will also serve as the basis for subsequent nature-related scenario analysis to further evaluate the potential impacts of scenarios such as water scarcity, air quality deterioration, landslides, wildfires, extreme heat, and tropical cyclones on operations and the value chain.

Note: In defining the scope of E Ink's own operations for analysis, the Company considered that many of its business sites primarily serve office functions and therefore have relatively limited dependencies and impacts on natural capital. In addition, assessments confirmed that none of these sites are located within ecologically sensitive areas classified as Categories Ia to IV under the World Database on Protected Areas (WDPA). Accordingly, this analysis prioritized production and operational centers with relatively higher nature-related dependencies and potential impacts.



Value Chain Dependencies and Impacts on Ecosystem Services

Driver	Topic	Operation Centers / Significant Suppliers		Significant Suppliers			Key Customers				Relevance of Ecosystem Services to E Ink's Value Chain
		Electronic Components and Circuit Board Manufacturing	Chemical Manufacturing	Computer and Peripheral Equipment Manufacturing	Non-specialized Wholesale	Plastic Product Manufacturing	Other Retailing	Consumer Electronics Manufacturing	Educational Support Services	Computer Programming Services	
Dependency											
Provisioning Services	Water Supply	Medium	Medium	Low	Medium	Low	Low	Medium	Very Low	Very Low	The manufacturing of product components and chemicals relies on stable water supply services with sufficient quantity and quality. If local water resources are affected by droughts, water withdrawal restrictions, or deteriorating water quality, process stability, production capacity allocation, and operating costs may be impacted.
	Soil erosion control services	Low	Medium	Low	Low	Low	Very Low	Low	Low	Very Low	Chemical-related manufacturing processes within the value chain rely heavily on soil and sediment stability to ensure infrastructure safety and reduce the risks of erosion, land subsidence, and geological hazards. If surrounding land cover deteriorates, extreme climate events may increase operational and asset exposure risks.
Regulating & Maintenance Services	Solid Waste Remediation	Low	Medium	Low	-	Low	-	Low	Very Low	-	Certain by-products and waste generated during manufacturing processes partially rely on the natural environment's decomposition and assimilative capacity. A decline in ecosystem restoration functions may increase waste treatment pressure and compliance risks.
	Water purification services	Medium	Medium	Medium	-	Medium	-	Medium	-	-	Corporate wastewater discharges rely on ecosystem water purification services to maintain the chemical composition and pollutant assimilative capacity of water bodies.
	Water flow regulation services	Medium	Medium	Medium	Medium	Medium	Low	Medium	Very Low	Very Low	Business operations rely on surrounding ecosystems to provide flood regulation and water retention functions, thereby reducing the impacts of heavy rainfall and extreme precipitation events on facilities, equipment, and logistics systems.
	flood mitigation services	Medium	Medium	Medium	Low	Medium	Very Low	Medium	Very Low	Very Low	When land development or habitat degradation weakens natural flood regulation capacity, the risks of site flooding, equipment damage, inventory losses, production interruptions, and supply chain delays may increase.
	Storm mitigation services	Medium	Medium	Medium	Low	Medium	Very Low	Medium	Very Low	Very Low	Manufacturing infrastructure also relies on ecosystem buffering functions against strong winds, heavy rainfall, and sandstorms associated with extreme weather events. When the functions of windbreak forests, wetlands, or other natural barriers decline, the risks of equipment damage, operational shutdowns, and supply chain disruptions may increase.

Driver	Topic	Operation Centers / Significant Suppliers		Significant Suppliers			Key Customers				Relevance of Ecosystem Services to E Ink's Value Chain
		Electronic Components and Circuit Board Manufacturing	Chemical Manufacturing	Computer and Peripheral Equipment Manufacturing	Non-specialized Wholesale	Plastic Product Manufacturing	Other Retailing	Consumer Electronics Manufacturing	Educational Support Services	Computer Programming Services	
Impact											
Climate Change	Emissions of GHG	Very Low	Medium	Very Low	Medium	Medium	Medium	Medium	Very Low	Low	Greenhouse gas emissions generated from raw material manufacturing, product manufacturing, and transportation activities may further exacerbate climate change and indirectly affect ecosystem stability.
Pollution / Pollution Removal	Disturbances	Medium	Very High	Medium	Low	Medium	Very Low	Medium	Very Low	Medium	Operational sites are primarily located within existing developed industrial parks, and therefore their direct impacts on natural habitats are relatively limited. However, manufacturing activities may still exert disturbance pressures on nearby ecosystems through noise and light pollution.
	Emissions of non-GHG air pollutants	Low	Medium	Low	Low	Medium	Medium	Medium	Very Low	Very Low	Emissions of volatile organic compounds (VOCs), nitrogen oxides (NOx), and particulate matter (PM) generated during manufacturing processes may have potential impacts on surrounding ecosystems and air quality.
	Generation and release of solid waste	Low	Medium	Low	Very Low	Medium	Very Low	Low	Very Low	Very Low	Manufacturing activities may generate solid waste such as plastics, glass, packaging materials, and heavy metal-containing waste. Improper management may place pressure on soil quality, water bodies, and ecosystems, leading to long-term environmental and financial risks.
	Emissions of toxic pollutants to water and soil	High	Very High	High	Low	Very High	Very Low	High	Low	Low	
Resource Use	Volume of water use	Low	Medium	Low	Medium	Low	Medium	Medium	Low	Low	Operational sites are primarily located within science parks, and therefore the direct impacts of water consumption on watershed ecosystems are considered indirect and manageable. Nevertheless, the Company will continue improving water use efficiency to reduce overall pressure on regional water resources.

Priority Area Identification

To identify key areas within E Ink's value chain that interact closely with nature, E Ink adopted the LEAP approach recommended by the TNFD to establish a nature-related priority area identification process. This process integrates industry-level analytical tools, site-level operational data, and nature condition indicators to identify operational sites and value chain areas with relatively high potential nature-related dependencies and impacts, serving as the analytical foundation for subsequent assessments of nature-related risks and opportunities.

E Ink first applied the industry-level nature dependency and impact analysis framework developed by ENCORE to identify nature-related issues highly relevant to its value chain operations. The Company then further linked value chain operational data with nature-related dependency and impact issues to define the relationships between each location and specific nature impact and dependency factors. Finally, relevant analytical factors were standardized and integrated with the results from the "Locate" phase to establish nature impact and dependency matrices covering E Ink's operation centers^{Note 1} and significant supply chain locations, which serve as the basis for identifying priority areas requiring attention for nature-related issues.



In the impact matrix analysis for E Ink's own production sites, the Company evaluated potential nature-related impacts from two dimensions. The horizontal axis represents the natural condition of each site and was assessed using the Mean Species Abundance (MSA) indicator from the GLOBIO 4 model^{Note 2}. A higher score indicates greater ecosystem integrity and lower levels of anthropogenic disturbance, and therefore a higher sensitivity to nature-related impacts. In addition, the assessment also takes into account proximity to ecological protected areas in order to more comprehensively reflect regional ecological sensitivity. The vertical axis represents the interface between the site and nature, reflecting the potential degree of impact that operational activities may have on nature. E Ink used actual 2025 operational data from its operation centers, including greenhouse gas emissions, waste disposal volumes, and volatile organic compound (VOC) emissions, and conducted internal benchmarking for calculation and standardization to evaluate the actual impact level of each site. For the dependency matrix analysis, E Ink primarily assessed the dependency of each operation center on water resources. The horizontal axis references the environmental water stress analysis results presented in this report, while the vertical axis reflects the relative level of water dependency based on internally benchmarked, calculated, and standardized actual water withdrawal data from each operation center in 2025.

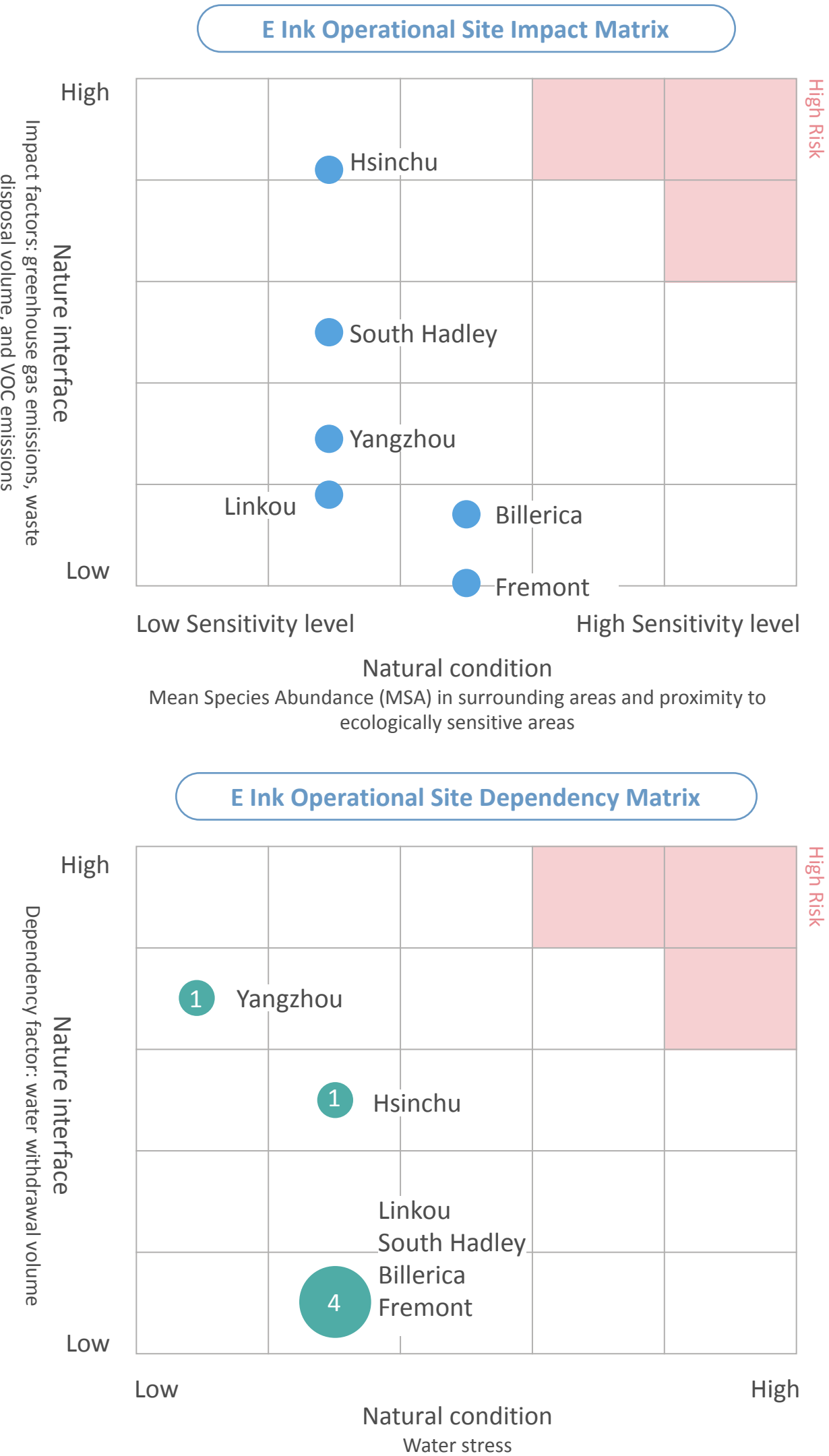
Analysis results show that, in terms of nature-related impacts, although the Fremont and Billerica sites are located near ecologically sensitive areas, after considering the natural environmental conditions surrounding the sites and the interactions between production activities and the natural environment, none of E Ink's operation centers have currently been identified as areas with high potential nature-related risks. The Mean Species Abundance (MSA) of E Ink's production and operating sites is below 0.3, mainly because these sites are mostly located in highly developed areas such as urban areas, science parks, industrial zones, and economic development zones, where ecological integrity is generally low. However, these sites are all located on previously developed land and do not involve large-scale conversion of natural habitats or new development activities. In addition, E Ink has established comprehensive management and control mechanisms for environmental issues such as greenhouse gas emissions, waste, and air pollutant emissions; therefore, the additional direct impacts on natural ecosystems are relatively limited. In terms of nature-related dependencies, the water demand of E Ink's operation centers is generally within a manageable range, and none of the sites is currently located in an area with potentially high long-term water scarcity risk. After considering both the water stress conditions of the sites' locations and actual water withdrawal volumes, E Ink's dependence on areas with high water stress is relatively limited, and the Company is not expected to face material potential water scarcity risks in the short term.

Regarding the supply chain impact and dependency matrix analysis, E Ink adopted an assessment approach similar to that used for its own operation centers to identify the supply chain's potential impacts and dependencies on nature. In the supply chain impact matrix, the horizontal axis likewise represents the natural condition of the locations where suppliers' operational sites are situated, while the vertical axis is based on the average ratings of nature-related impact factors for different industries derived from the ENCORE database. For the dependency matrix analysis, the horizontal axis references the environmental water stress assessment results of the supply chain presented in this report, while the vertical axis adopts the level of water supply dependency for each industry category from the ENCORE database to reflect the relative dependency of each site on water resources.

The results of the two matrix analyses indicate that although 14 significant suppliers have operational sites located near ecologically sensitive areas, after comprehensively considering their geographic characteristics and industry nature, the significant suppliers were not identified as having high risks in terms of nature dependency or nature-related impacts. In addition, the MSA values of 61 significant supplier sites were all below 0.3, indicating that most are located within existing industrial parks or urbanized areas. Although one supplier recorded an MSA value of approximately 0.6, representing a potentially moderate

Note 1: Although the Korea sales center is located near an ecologically sensitive area, the site is used solely for business and sales office purposes and does not involve manufacturing activities, raw material usage, or other operations with significant impacts on the natural environment. In addition, its daily operations have relatively limited disturbance on the surrounding ecosystem. Therefore, this site was excluded from the scope of further nature-related risk and impact analysis in this assessment.

Note 2: Mean Species Abundance (MSA) is an indicator used to measure biodiversity integrity. It is defined as the average abundance of native species under a given condition relative to their abundance in an undisturbed ecosystem. An MSA value of 1 indicates an undisturbed ecosystem, while an MSA value of 0 indicates a completely degraded ecosystem in which no native species remain.



ecological impact area, its facility is situated within an established industrial zone where surrounding land use is primarily industrial activity. The site does not involve protected natural areas or other ecologically sensitive regions. Therefore, the additional risk posed to the natural ecosystem is currently considered relatively manageable.

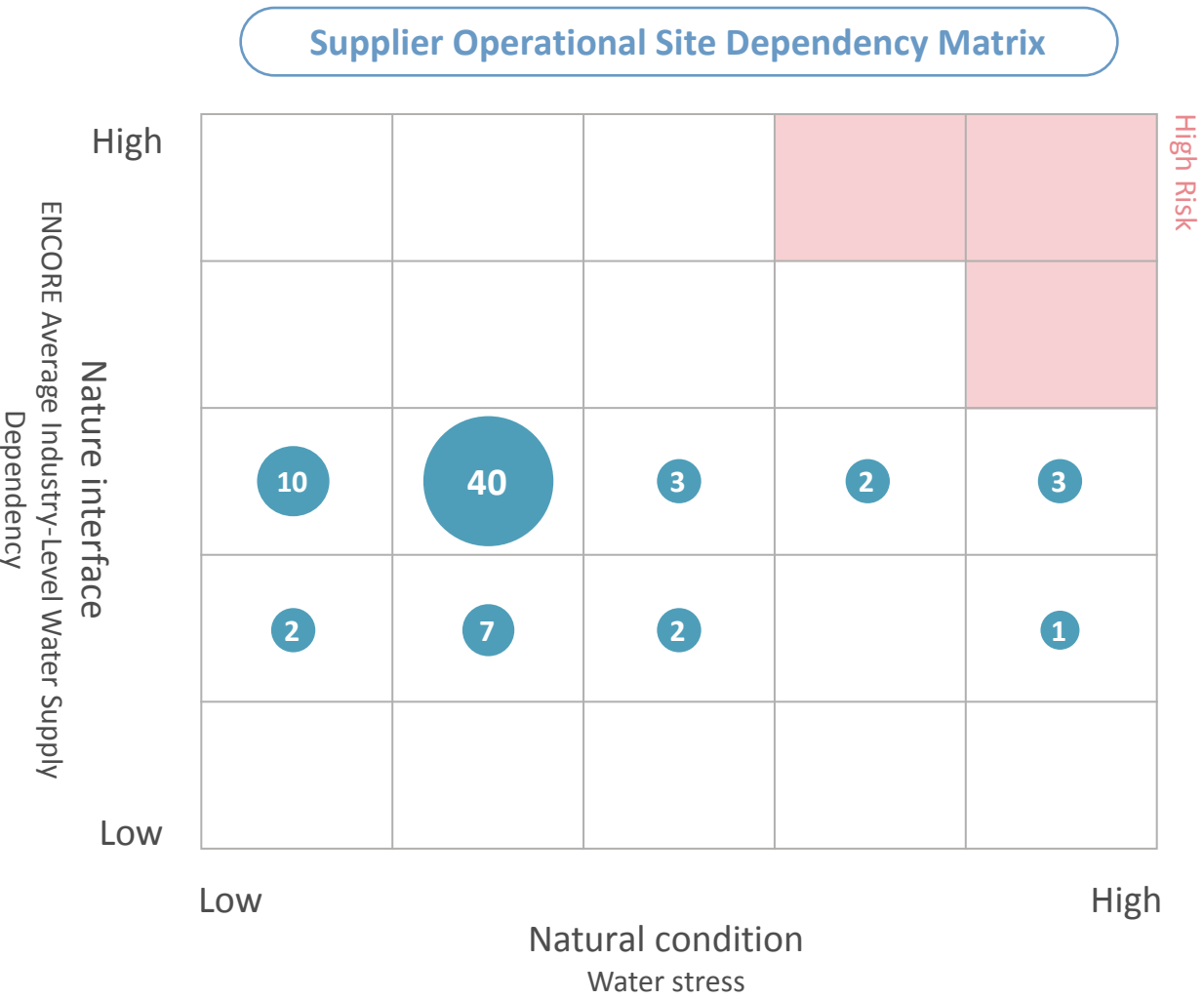
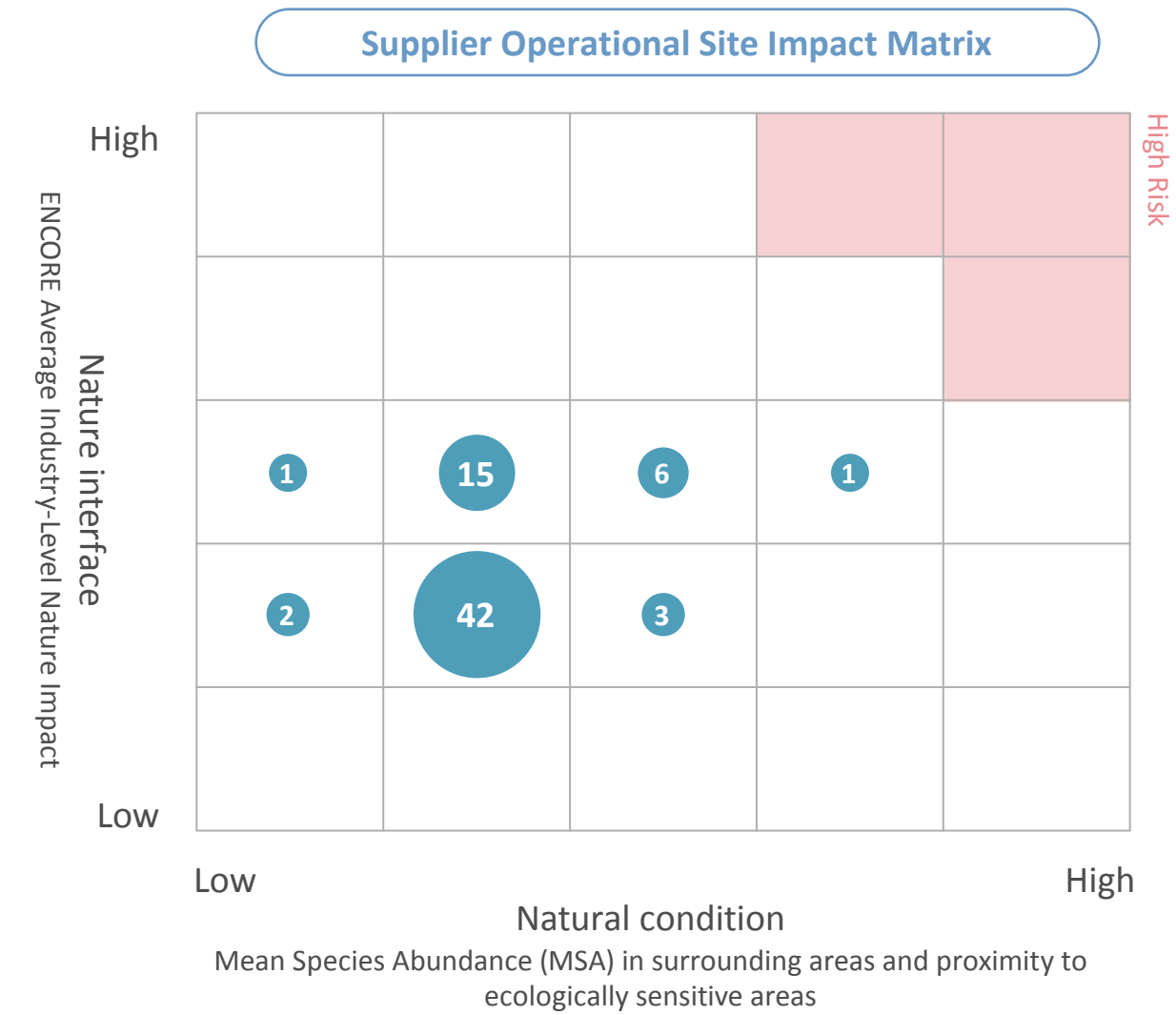
Based on the value chain analysis results above, E Ink currently does not have any operating sites or significant suppliers located within natural-sensitive areas requiring priority attention. Moving forward, E Ink will continue to monitor natural environmental risks associated with its operating sites and supply chain locations. In addition to prudently managing operating sites adjacent to ecologically sensitive areas, E Ink will further mitigate the potential impacts of its operations on the natural environment and biodiversity through environmental management systems, pollution prevention measures, and supplier management mechanisms, thereby ensuring that business activities across the value chain align with nature sustainability principles. Furthermore, as the ePaper industry continues to grow steadily, E Ink is continuously expanding its operations and manufacturing footprint. Therefore, during the site selection and establishment process for new facilities, E Ink not only complies with relevant environmental conservation and pollution prevention regulations in each country and conducts environmental assessments, but also incorporates LEED green building standards into the planning and construction of new plants and office buildings. Through these efforts, E Ink aims to minimize negative impacts on the natural ecological environment and fulfill its commitment to nature conservation.

Identification of Nature- and Climate-related Risk and Opportunity Factors

Based on the analysis results of nature-related dependencies and impacts across its operations and value chain, E Ink referenced the LEAP approach recommended by the TNFD and mapped its operational characteristics against the TNFD nature-related risk and opportunity registers to identify potential nature-related risks and opportunities. For climate-related issues, E Ink followed the TCFD framework, incorporating peer scenario analysis and cross-functional discussions to assess the potential risks and opportunities that climate change may pose to the Company's operations. In addition, E Ink referenced the Sustainability Accounting Standards Board (SASB) Standards to ensure that disclosures align with industry characteristics and investor concerns. Based on the integrated assessment results, E Ink identified a total of 23 nature- and climate-related risk and opportunity factors, including 11 transition risks, 6 physical risks, and 6 opportunities.

Identification of Material Nature- and Climate-related Risks and Opportunities

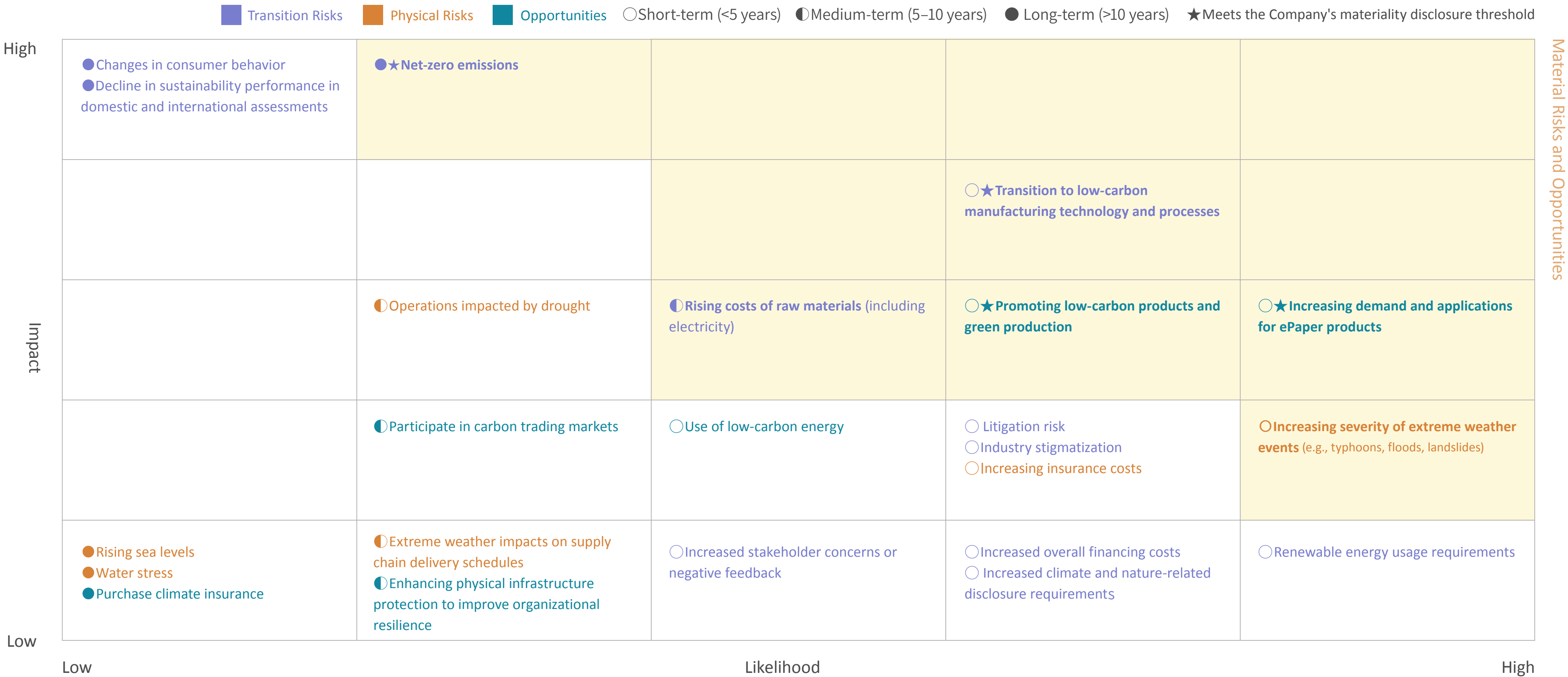
Following its nature- and climate-related risk and opportunity identification and assessment process, E Ink conducted a materiality assessment. Relevant departments evaluated and scored the identified nature- and climate-related factors based on their potential financial impacts on operations, degree of operational disruption, and likelihood of occurrence, and subsequently calculated a composite Risk Value (R) as the basis for materiality screening. When the Risk Value exceeds 9, the issue is classified as a material nature- and climate-related risk or opportunity. If its potential short-, medium-, or long-term impacts on the Company's financial position, financial performance, cash flows, and overall operations reach the Company's materiality disclosure threshold, the related strategic planning, risk management measures, and financial impacts are further disclosed. The assessment identified a total of four material risks and two material opportunities. Among them, the material risk topics that meet the Company's materiality disclosure threshold included "Transition to low-carbon manufacturing technology and processes" and "Net-zero emissions." The material opportunity topics included "Increasing demand and applications for ePaper products" and "Promoting low-carbon and green production." Going forward, E Ink will continue to incorporate scenario analysis mechanisms and formulate corresponding management strategies and action plans to mitigate potential impacts, strengthen risk response capabilities, and further enhance operational resilience.



Nature- and Climate-related Risks and Opportunities and Their Relevance to E Ink's Operations

Risks and Opportunities	Category	Item	Relevance to E Ink's Operations
 Transition Risks	Technology; Market	Transition to low-carbon manufacturing technology and processes	As global customers increasingly demand low-carbon products, E Ink actively promotes the development of low-carbon products and the use of recycled materials. During this transition process, it is essential to ensure the stability of key raw material supply and that equipment technology development aligns with transformation needs, in order to support process adjustments and mass production while further reducing environmental impacts.
		Rising costs of raw materials (including electricity); Changes in consumer behavior	As end consumers and customers increasingly demand low-carbon, energy-efficient, and environmentally friendly products, E Ink must continuously stay attuned to customer expectations for environmental or low-carbon product attributes. At the same time, climate change and ecosystem degradation may drive up raw material acquisition costs and cause fluctuations in energy prices, creating potential pressures on business operations. E Ink will closely monitor trends in raw material and electricity costs and continue to enhance product competitiveness through optimized product design and improved resource efficiency.
	Policy and legal/ regulations (including current and emerging) Liability	Net-zero emissions; Renewable energy usage requirements; Increased climate and nature-related disclosure requirements; Litigation risk	E Ink closely monitors net-zero policies, greenhouse gas emission regulations, and biodiversity-related regulatory developments across its global operations. These include Taiwan's "Climate Change Response Act" and "Regulations for the Management of Setting up Renewable Energy Power Generation Equipment of Power Users above a Certain Contract Capacity," the EU's Carbon Border Adjustment Mechanism (CBAM), the U.S. Clean Competition Act (CCA), China's national Emissions Trading System (ETS), and the Kunming-Montreal Global Biodiversity Framework 30x30 target. E Ink is committed to proactively complying with local policies and regulations and promoting forward-looking climate and biodiversity actions to mitigate potential impacts from carbon fees (taxes) and nature-related risks.
	Reputation	Industry stigmatization; Decline in sustainability performance in domestic and international assessments; Increased overall financing costs; Increased stakeholder concerns or negative feedback	As E Ink operates in an energy-intensive industry, failure to meet carbon reduction and biodiversity commitments or to satisfy stakeholder expectations regarding product performance may harm the Company's reputation, potentially affecting investor confidence and willingness to invest.
 Physical Risks	Acute	Increasing severity of extreme weather events; Operations impacted by drought; Extreme weather impacts on supply chain delivery schedules	E Ink's operation centers and supply chain are distributed across various climate zones. Extreme weather events or natural disasters may cause equipment damage, disrupt employee attendance, and interrupt supply chain operations, thereby affecting delivery schedules and resulting in additional costs.
	Chronic	Increasing insurance costs; Water stress; Rising sea levels	As climate change intensifies, physical risks such as rising sea levels and increasing water stress may affect the stability of operational sites and supply chains, leading to higher costs related to water allocation and alternative water sources, as well as increased insurance premiums.
 Opportunities	Market; Products and Services; Resource Use Efficiency; Sustainable Use of Natural Resources; Capital Flow and Financing	Increasing demand and applications for ePaper products; Promoting low-carbon and green production	With international corporations setting net-zero emission targets and placing increasing emphasis on biodiversity, low-carbon and light pollution-free products are likely to become preferred choices. By collaborating with the value chain to develop low-carbon and sustainable products, E Ink enhances product competitiveness. The Company continues to improve equipment operational efficiency, increasing resource efficiency and recycling rates while reducing dependence on natural resources. At the same time, by promoting green manufacturing, E Ink is able to secure green financing and expand its funding sources.
	Energy Sources	Use of low-carbon energy; Participate in carbon trading markets	E Ink actively engages in renewable energy procurement and monitors carbon trading markets to stay ahead of market dynamics, enabling the Company to secure low-carbon energy at competitive prices and reduce costs.
	Resilience	Enhancing physical infrastructure protection to improve organizational resilience; Purchase climate insurance	Simulating disaster scenarios helps reduce potential damage to facilities from climate events and ensures operational continuity under extreme weather conditions.

Nature and Climate Risk & Opportunity Matrix



2-2 Nature Scenario Analysis

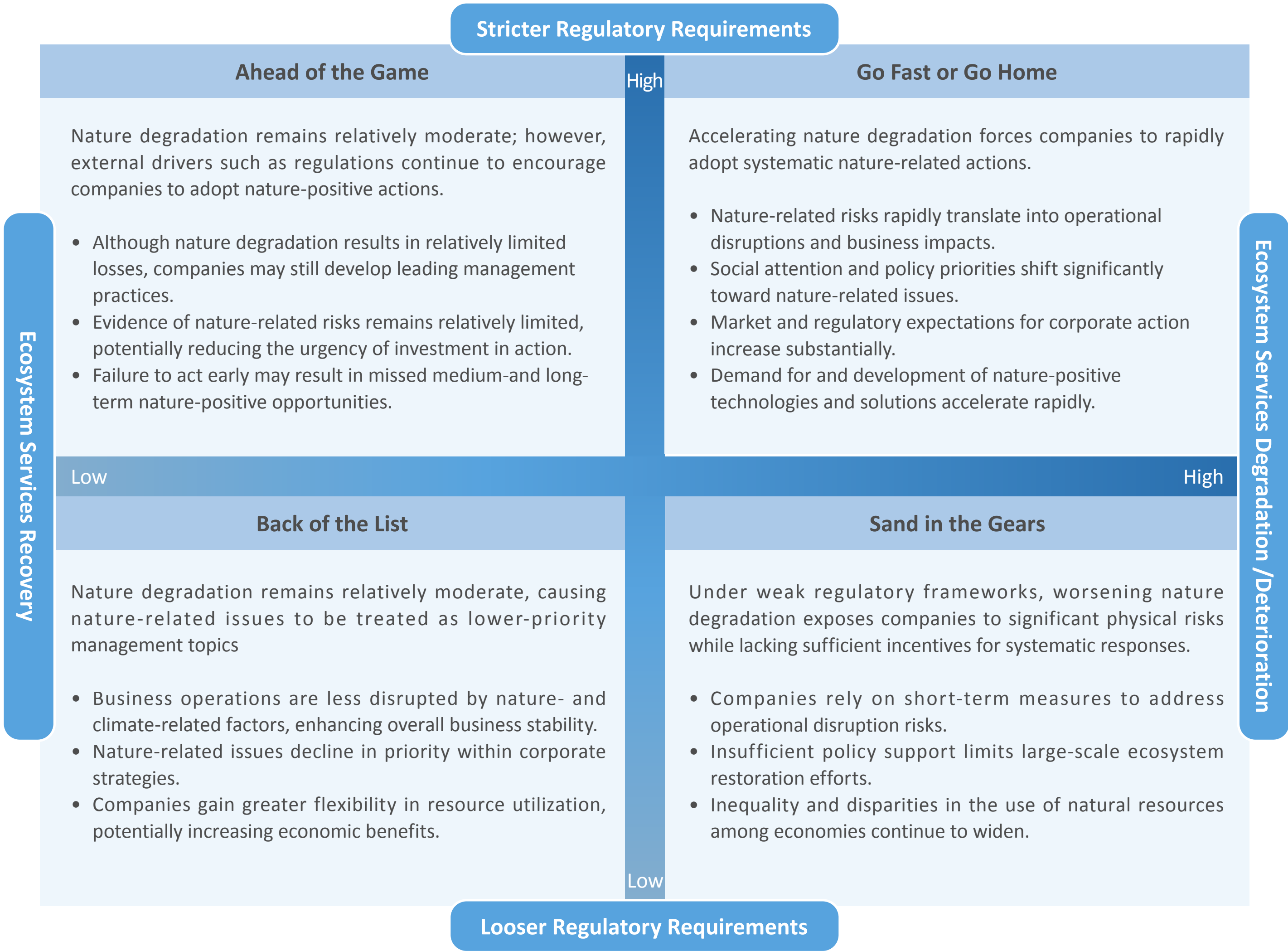
To strengthen the management of nature and climate-related risks and opportunities and enhance strategic foresight, E Ink not only conducts scenario analyses of nature-related risks and opportunities based on the recommendations of the TNFD framework but also incorporates scenarios published by the International Energy Agency (IEA)-including the Net Zero Emissions by 2050 Scenario (NZE) and the Stated Policies Scenario (STEPS)-as well as scenarios from the Intergovernmental Panel on Climate Change (IPCC), such as SSP1-2.6 and SSP5-8.5. These analyses are used to assess the potential financial impacts of physical and transition risks related to climate change across the value chain under different nature and climate development pathways.

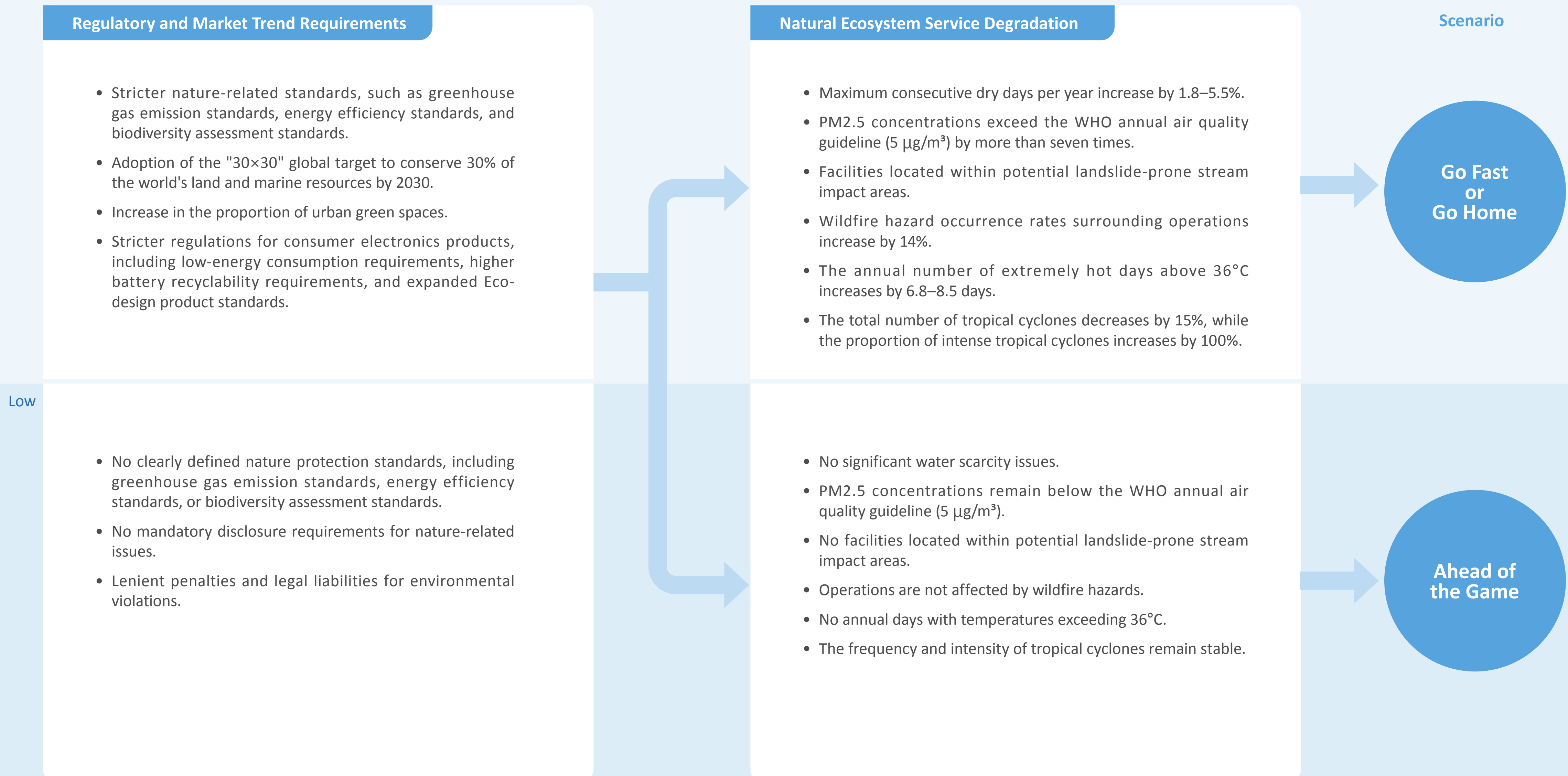
Nature Scenario Analysis

Based on E Ink's identified nature- and biodiversity-related risks, factors such as water scarcity, air quality, landslides, wildfires, extreme heat, and tropical cyclones are all associated with services provided by natural ecosystems. Therefore, "natural ecosystem services" were defined as the driving force behind physical risks. In addition, through analysis of factors including the development of the optoelectronics industry in which E Ink operates, operational management, and related sustainability issues, potential impacts and risks to both the financial and non-financial aspects of business operations were identified. Accordingly, "regulatory trend requirements" were defined as the driving force behind transition risks. In line with the recommendations of the TNFD framework, 2030 was selected as the time horizon for scenario analysis. The scenarios "Ahead of the Game" and "Go Fast or Go Home" were prioritized for in-depth assessment to evaluate their impacts on business activities, potential risks and opportunities, and potential financial implications.



Description of TNFD Natural Scenario Setting





Go Fast or Go Home

Stakeholders

Employees, government agencies/ industry associations, suppliers/ contractors

As natural ecosystem services continue to deteriorate and the regulatory environment changes rapidly, customers and other stakeholders are placing increasing pressure on companies regarding their impacts on the natural environment. Under this scenario, companies are expected to face increasingly severe challenges. E Ink conducted scenario analysis using 2030 as the assessment horizon to understand the risks faced by its global operational sites arising from the degradation or deterioration of natural ecosystem services. According to the key scientific findings from the IPCC Sixth Assessment Report and the Taiwan Climate Change Scientific Report Update, the number of consecutive dry days in Taiwan may increase by 1.8-5.5% by mid-century. Longer consecutive dry periods and a reduction in the number of tropical cyclones may lead to insufficient rainfall and reduced availability of water resources. To mitigate negative impacts on the natural environment, E Ink has proactively implemented multiple measures, including improving manufacturing energy efficiency, promoting recycling and reuse, and conducting site-level ecological assessments.

Risk / Opportunity	Item	Description
Transition Risk	- Increased climate and nature-related disclosure requirements - Net-zero emissions	Regulations are gradually extending corporate responsibility to supply chains. If suppliers fail to comply with regulations or nature protection requirements, companies may face associated legal liabilities, as well as impacts on financing conditions and regulatory risks.
	Transition to low-carbon manufacturing technology and processes	Failure to achieve carbon reduction and biodiversity commitments, or failure of products to meet customer and stakeholder expectations, may result in order losses and revenue decline.
	Rising costs of raw materials (including electricity)	Under a scenario of severe ecosystem degradation and heightened government attention, rising resource utilization and environmental compliance costs may increase the procurement costs of raw materials (including electricity), thereby affecting operating costs and profitability.
Physical Risk	Increasing severity of extreme weather events	Unstable water supply and increasing extreme weather events may result in operational disruptions and revenue losses.
Opportunity	Promoting low-carbon and green production	Initiatives such as improving manufacturing energy efficiency, recycling, and reuse may increase short-term capital expenditures, but are expected to reduce long-term operating costs associated with energy and resource consumption.
		By continuously improving equipment operating efficiency and strengthening climate-resilient and disaster-resistant design, E Ink can enhance the resilience of its operational systems against natural disasters and extreme weather events, thereby reducing the risks of operational disruptions and potential financial losses.

Ahead of the Game

Stakeholders

Employees, suppliers / contractors

Regulatory expectations and requirements for corporations are becoming increasingly stringent. At the same time, maintaining stable ecosystem services is essential to providing companies with a reliable resource base. Under increasingly strict economic, social, and environmental regulations, E Ink is transforming its business model to achieve sustainable development. The overall market environment is expected to adopt more policies, measures, and actions, including investments in greenhouse gas emission reduction, manufacturing efficiency improvement, recycling and reuse of resources, and site-level ecological assessments. The impacts of these actions will also extend throughout the supply chain, requiring E Ink to ensure that its suppliers comply with corresponding regulatory standards. These transition actions can help reduce risks associated with natural disasters and extreme climate events, thereby supporting E Ink in achieving sustainable and resilient operations. In addition, operational and manufacturing activities are less likely to be disrupted by nature- and climate-related factors, further enhancing overall business stability.

Risk/ Opportunity	Item	Description
Transition Risk	- Increased climate and nature-related disclosure requirements - Net-zero emissions	Companies and their supply chains are increasingly required to disclose information related to energy and resource consumption as well as emissions, which may increase compliance, data management, and third-party verification costs.
Opportunity	Increasing demand and applications for ePaper products	Under increasingly stringent regulations, environmentally friendly products are expected to gain competitive advantages, thereby supporting improvements in order volume and revenue performance.

Climate Scenario Analysis

Based on the results of the materiality assessment of nature and climate-related risks and opportunities, E Ink has identified "increased severity of extreme weather events" and "net-zero emissions" as the key risk themes for this scenario analysis. The physical risk assessment focuses on floods, landslides in slope areas, and water resource stress, while the transition risk assessment centers on the risks associated with carbon price fluctuations during the global transition toward net-zero emissions. To understand the potential magnitude of future risks, this scenario analysis incorporates both the best-case and worst-case climate development pathways, allowing E Ink to evaluate the potential operational and financial impacts on its value chain under different climate trajectories.

Climate Scenario Explanation

Risk Types	Estimated Temperature Increase by the End of the Century	Select Scenarios	Descriptions	Scenario Sources
Physical	<2°C	SSP1-2.6	As an optimistic scenario, the world actively promotes climate policies and successfully reduces greenhouse gas emissions substantially, effectively limiting the global average temperature rise to within 2°C by the end of the 21st century.	IPCC Sixth Assessment Report
	4°C	SSP5-8.5	In the worst-case scenario, the failure of global climate policies and greenhouse gas reduction efforts results in an average global temperature rise of 4°C by the end of the 21st century.	
Transition	1.5°C	IEA NZE 2050	The global energy sector is expected to achieve net-zero carbon emissions by 2050, with developed economies reaching this goal earlier than other countries.	IEA World Energy Outlook Report
	2.5°C	IEA STEPS	This projection takes into account the current climate change mitigation measures and established policies of governments worldwide; however, it is based on a conservative assessment of the likelihood of policy implementation.	

Physical Risk Assessment: Disruption of Daily Operations, Supply Chain Interruptions

In response to climate change and the resulting increase in extreme weather events, E Ink has incorporated business interruption risks into its preventive management framework and has conducted a physical risk assessment. Potential risks include immediate threats such as flooding and landslides, as well as long-term water stress. These factors may lead to factory flooding, water restrictions, and power outages. Extreme weather conditions may also impact transportation infrastructure, such as road collapses and landslides, disrupting logistics and transportation routes. This can hinder the delivery of raw materials and components, leading to supply chain disruptions and operational interruptions.

E Ink adopted the latest CMIP6 (Coupled Model Intercomparison Project Phase 6) climate model data and integrated it with Geographic Information System (GIS) mapping to overlay the locations of its global value chain sites for multi-hazard risk assessments. Risk levels were categorized into five levels, with Level 5 representing "extreme risk." When value chain operational sites are assessed as being exposed to extreme risk, the assessment results serve as an important basis for developing mitigation measures to enhance operational resilience and risk management effectiveness.

Disaster Type	Scenario	Scope	Mean assessment period	Data Source
Flooding, landslide	SSP1-2.6, SSP5-8.5	<u>Value chain in Taiwan</u>	2030 (Short-term) 2050 (Long-term)	<u>Climate change hazard risk maps</u> provided by the National Science and Technology Center for Disaster Reduction (NCDR)
Water Stress		<u>Global value chain</u>		<u>Aqueduct Water Risk Atlas</u> developed by the World Resources Institute (WRI)



Scenario Analysis Results

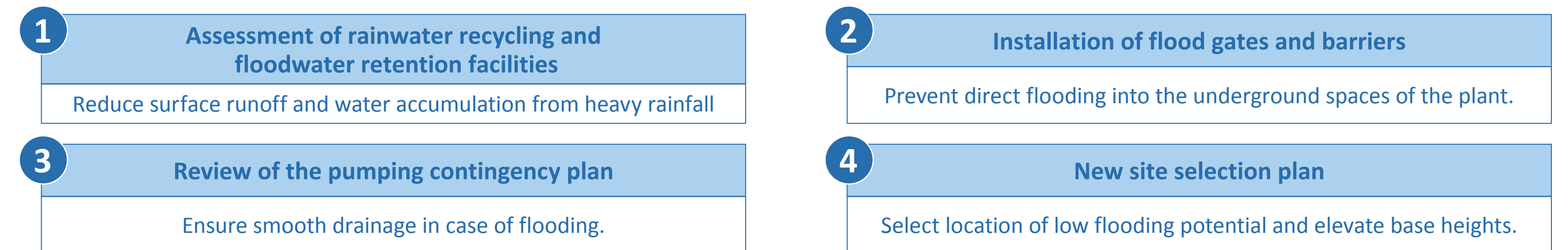
Flooding: Under the 2050 SSP5-8.5 high-emissions scenario, none of E Ink's operating sites in Taiwan were identified as being located in areas of extreme high flood risk, and the overall flooding risk remains within a manageable range. Although the Hsinchu site was assessed as having high flood risk under the extreme rainfall scenario, it has not reached the threshold for material risk management. In addition, the Hsinchu Science Park has established comprehensive drainage and flood prevention facilities, which can effectively reduce the potential impact of flooding events on operations. In comparison, 14 significant suppliers in Taiwan are located in areas classified as having extremely high flood risk. To further understand the actual exposure of its supply chain, E Ink utilized data from the [Disaster Prevention and Protection Information Service Platform](#) to monitor and analyze historical flooding events affecting value chain sites in Taiwan from 2020 to 2024. Based on the review of historical records, no major flooding incidents occurred at any value chain sites during the assessment period.

Water Stress: Under the SSP5-8.5 worst-case climate scenario before 2050, among E Ink's global operating sites, only the sales center in the Netherlands is located in an area with extreme high water stress. The water stress levels of all other operating sites are classified as medium risk or below, and no significant long-term water stress risk has been identified at this stage. As the Netherlands sales center is not an operation center, the direct impact of this risk on E Ink's overall manufacturing operations is relatively limited. Along the value chain, approximately two to four significant suppliers are located in areas with extreme high water stress; on the customer side, four customers are located in areas with extreme high water stress.

Landslide: Under the SSP5-8.5 worst-case climate scenario before 2050, the risk levels of value chain sites in Taiwan are all classified as medium risk or below. Therefore, landslide risk has not been included in the scope of material risk management at this stage.

Physical Risk Management

E Ink regularly reviews its drainage and flood prevention facilities and continuously strengthens its disaster response capabilities for its global manufacturing sites including existing and new operations, to reduce the impact of climate risks on operations and ensure the effectiveness of business continuity management. In addition, E Ink has planned four flood risk mitigation measures with the aim of achieving zero operational disruption caused by flooding across its global sites by 2030.

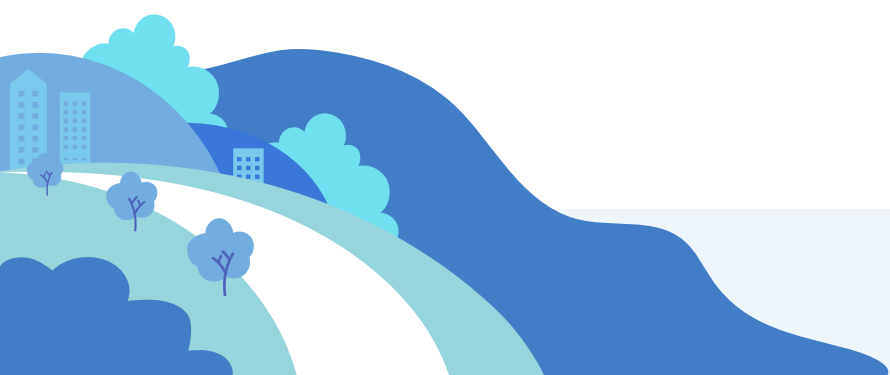


For disasters that may have a significant impact on operations, such as floods, typhoons, and chemical spills, E Ink has established response plans and standard operating procedures, and regularly conducts employee training. These measures ensure that, in the event of a disaster, each unit can carry out reporting, response, recovery, and abnormality handling procedures in accordance with established protocols, thereby reducing risks related to personnel safety, equipment damage, and operational disruption.

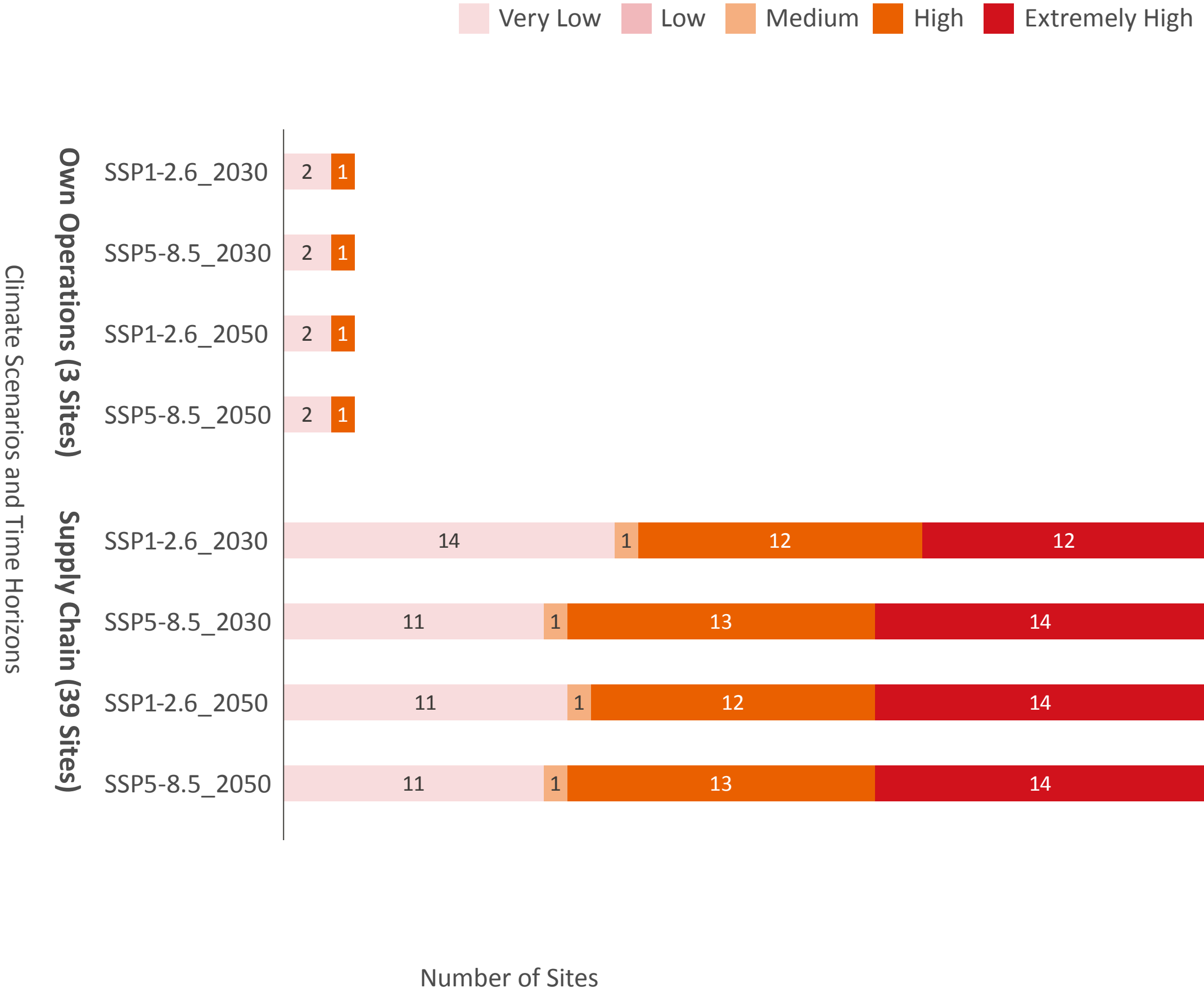
Furthermore, E Ink has installed uninterruptible power supply (UPS) systems for key production equipment to reduce the risk of equipment abnormalities and operational disruption caused by flooding, power outages, or other disasters. To enhance operational resilience against extreme weather events, E Ink continues to upgrade its remote operations management system, reducing the impact on daily operations caused by disruptions to employee transportation, on-site operations, or site accessibility during disasters. For new office buildings and construction projects, E Ink also works with external consultants to incorporate extreme climate risk assessments during the planning stage, in order to identify potential risks in advance and reduce the likelihood of future operational disruption.

In terms of supply chain management, E Ink regularly reviews the historical flooding records and operational status of significant suppliers located in areas with extreme high flood risk, and tracks their climate risk management practices through ESG questionnaires. At the same time, E Ink reduces potential supply chain disruption risks and further strengthens overall operational resilience by introducing diversified sources of raw materials, improving product delivery flexibility, and enhancing inventory and delivery schedule coordination. For customers located in areas with extreme high water stress, E Ink continues to monitor changes in water stress conditions at their locations and the potential impacts on their operations. E Ink also prioritizes related risks based on factors such as customer importance, revenue contribution, product dependency, and business relationship, providing a reference for subsequent customer communication, operational planning, and risk management.

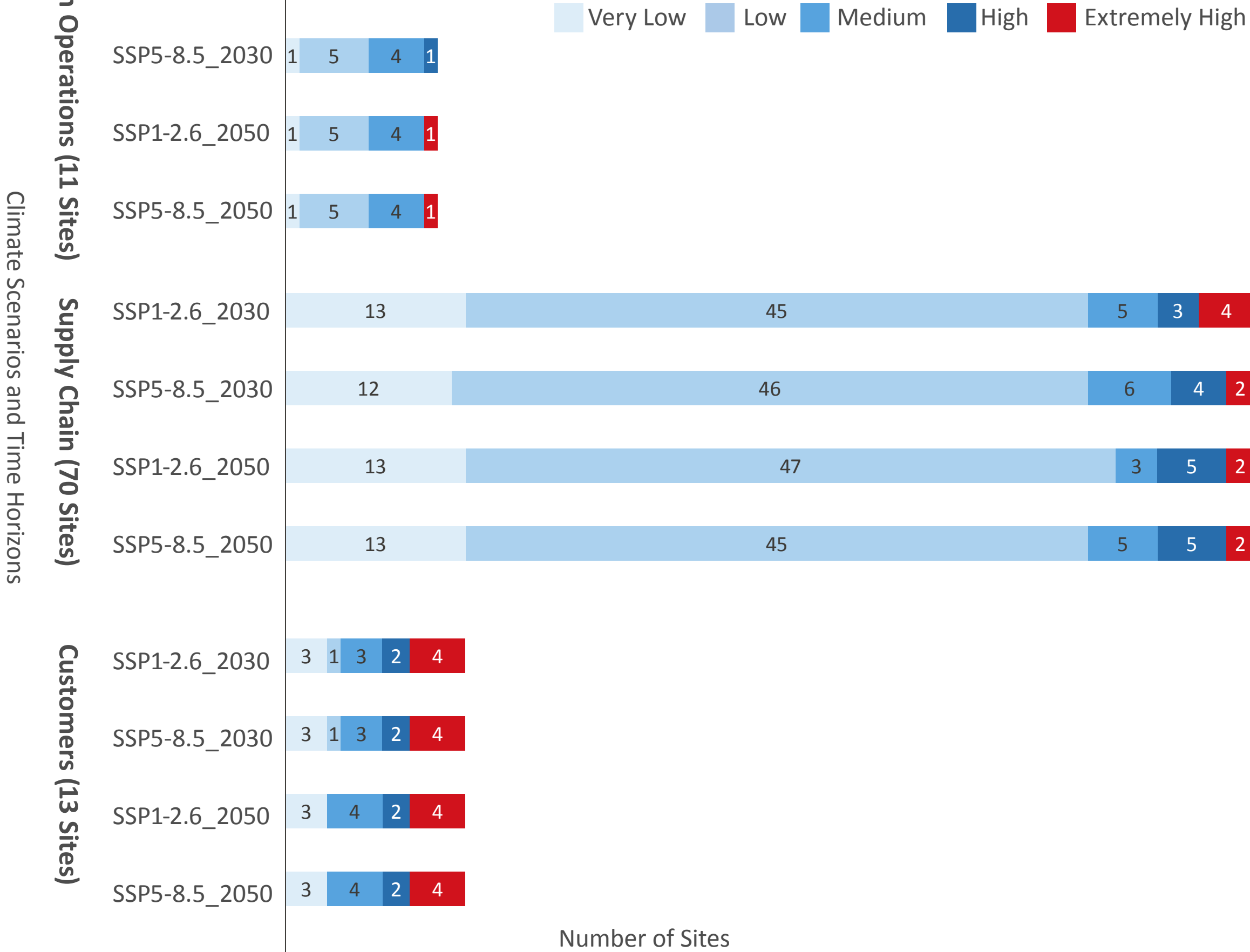
Overall, E Ink will continue to build on its own operational resilience and gradually expand its risk management efforts to suppliers and customers across the value chain. Through scenario analysis, historical disaster monitoring, facility improvements, response plans, supply chain collaboration, and customer risk tracking, E Ink aims to reduce the potential impacts of climate change and nature-related physical risks on its operations.



Flood Risk Across Value Chain Operating Locations in Taiwan



Water Stress Levels Across Global Value Chain Operating Locations



Transition Risk Assessment: Financial Impact of Achieving Net-Zero Carbon Emissions

To achieve the global target of net-zero carbon emissions by 2050, countries around the world have begun developing carbon trading markets. Under the 1.5°C temperature control target of the Paris Agreement, global carbon prices are expected to rise accordingly. According to the International Energy Agency's 2023 Energy Report, under the IEA NZE 2050 scenario, where carbon pricing is applied across all regions, the carbon price in developed economies is projected to rise to USD 250 per metric ton by 2050. In line with this global trend, Taiwan formally announced its 2050 net-zero target in 2022 and will begin imposing carbon fees in 2026 on large emitters with annual emissions exceeding 25,000 metric tons. The general rate will be set at NTD 300 per metric ton, with incremental increases planned in phases. After 2030, the carbon fee may be adjusted to NTD 1,800 per ton, taking into account international carbon pricing levels. This wave of carbon cost impact is increasingly affecting businesses across industries.

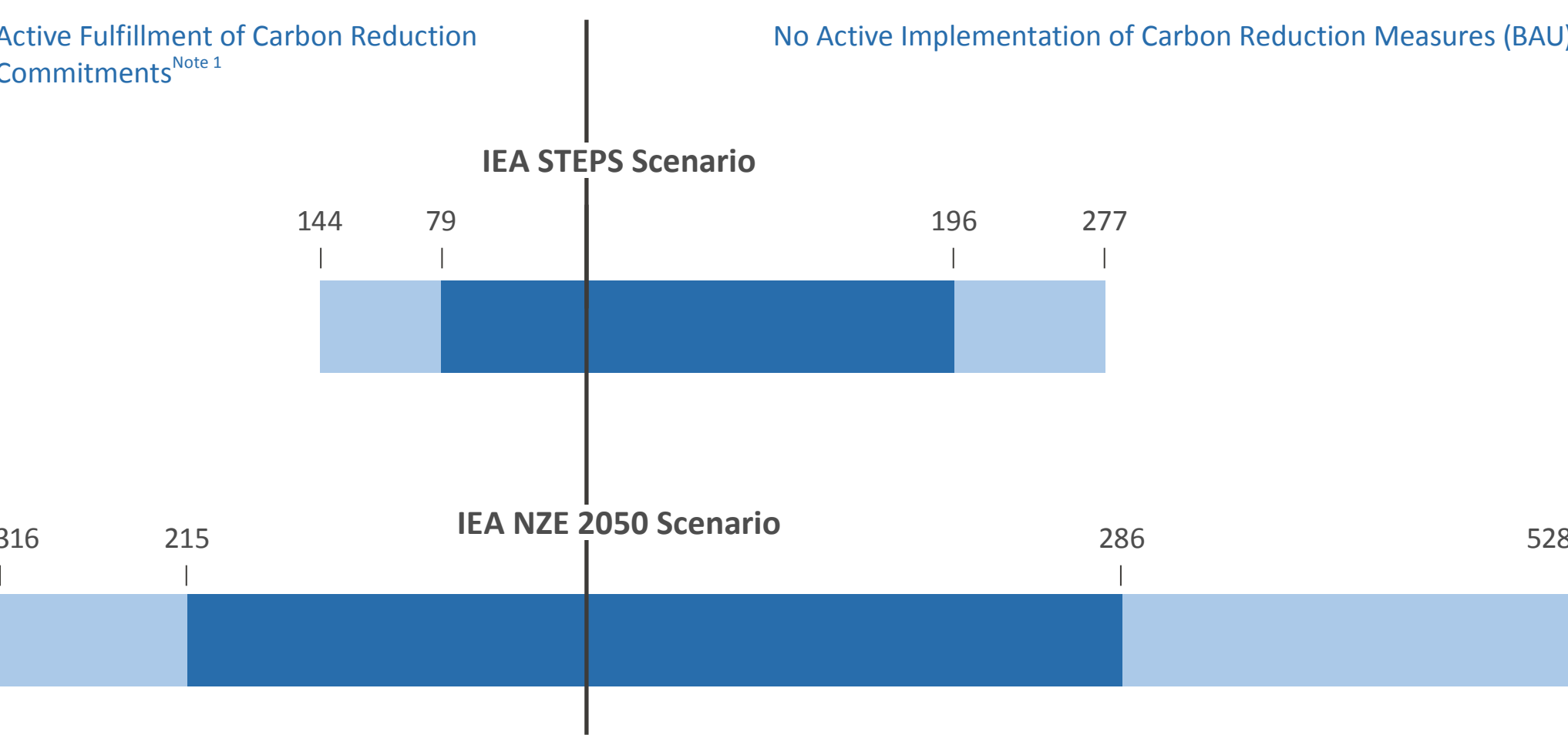
After evaluation, E Ink's Taiwan sites are not required to pay carbon fees by 2030. However, in response to domestic and international net-zero transition trends and in support of the global climate target to limit temperature rise to within 1.5°C, the Company selected two carbon pricing scenarios for analysis: IEA NZE 2050 and IEA STEPS. Two emission reduction pathways were also established for evaluation: "No Active Implementation of Carbon Reduction Measures (BAU)" and "Active Fulfillment of Carbon Reduction Commitments." These were used to assess the potential financial impacts under different climate scenarios and levels of action. Under the "Active Fulfillment of Carbon Reduction Commitments" pathway, E Ink plans to implement various carbon management measures, including renewable energy (green electricity) procurement, purchase of high-quality carbon credits, replacement of existing equipment, and energy efficiency improvement programs. The analysis results indicate that compared with the scenario of not actively implementing carbon reduction measures, proactive actions can significantly reduce the financial impact of carbon pricing. The estimated potential financial impact from 2030 to 2040 ranges from NTD 80 million to NTD 528 million.

In the future, E Ink will continue to introduce energy-efficient equipment in its manufacturing processes and plan various carbon reduction projects to effectively reduce electricity and energy consumption during production. In terms of energy strategy, the Company will continue procuring green electricity and is evaluating the expansion of solar panel installations at its sites to further increase the proportion of renewable energy used. These efforts aim to reduce carbon emissions and lessen the Company's overall environmental impact.

Furthermore, to accelerate its low-carbon transition, E Ink adopted an internal carbon pricing (ICP) mechanism in 2019. The starting price was set at NTD 280 per metric ton of CO₂e, based on recommendations from the Carbon Pricing Options for Taiwan study published by the Grantham Research Institute on Climate Change and the Environment at the London School of Economics. This study considered Taiwan's policy framework and industrial characteristics. Beginning in 2022, E Ink advanced its approach by incorporating shadow pricing, drawing on trends in international carbon markets and projected costs of renewable energy procurement to set its ICP price of 2023. In 2025, the ICP was raised to NTD 2,100 per metric ton of CO₂e, with scheduled periodic increases. This mechanism serves as a key driver in promoting low-carbon investment, improving energy efficiency, and enhancing employee awareness of carbon management across the organization.

Financial Impact of Carbon Pricing Transition Risk (Unit: NTD Millions)

20302040

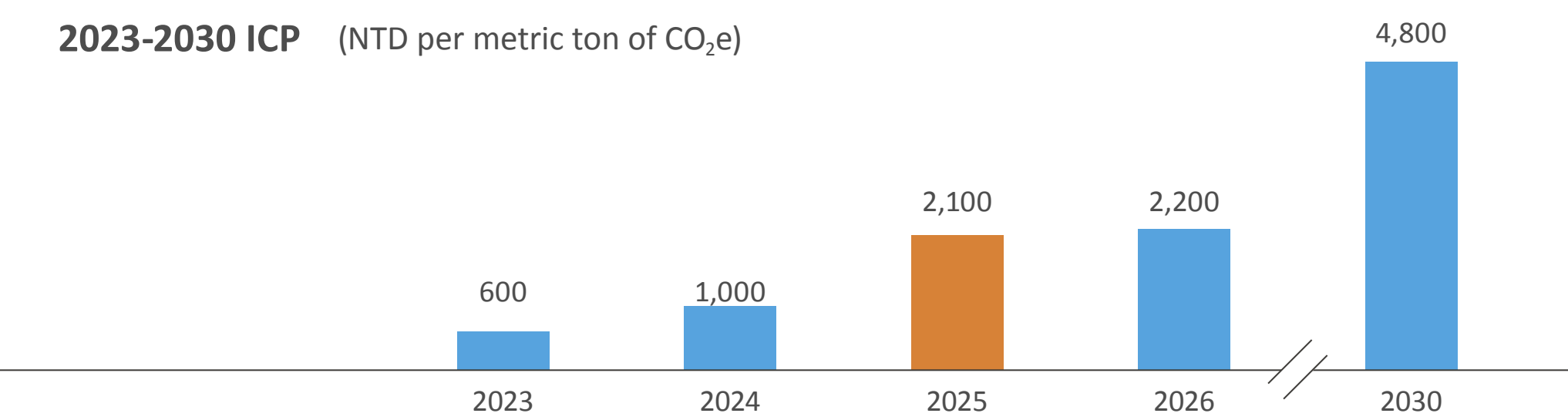


Note 1: In alignment with the net-zero target pathway, active implementation of greenhouse gas (GHG) reduction measures is assumed. These include energy efficiency improvements, adoption of renewable energy, and procurement of carbon credits.

Note 2: Carbon pricing is based on the International Energy Agency's (IEA) World Energy Outlook (WEO) 2024, specifically referencing the NZE 2050 (Net Zero Emissions by 2050) and STEPS (Stated Policies Scenario) pathways. The carbon prices projected in the report are used to represent carbon prices under the NZE scenario across global operation centers and sales centers. For the STEPS scenario, since carbon price estimates for the US and Taiwan are not provided, values from the APS (Announced Pledges Scenario) are used instead. The APS, like STEPS, is a policy-based scenario, but it assumes all countries will achieve their stated climate commitments as scheduled. Carbon price assumptions are as follows:

IEA STEPS: NTD 1,215-5,452 per metric ton of CO₂e

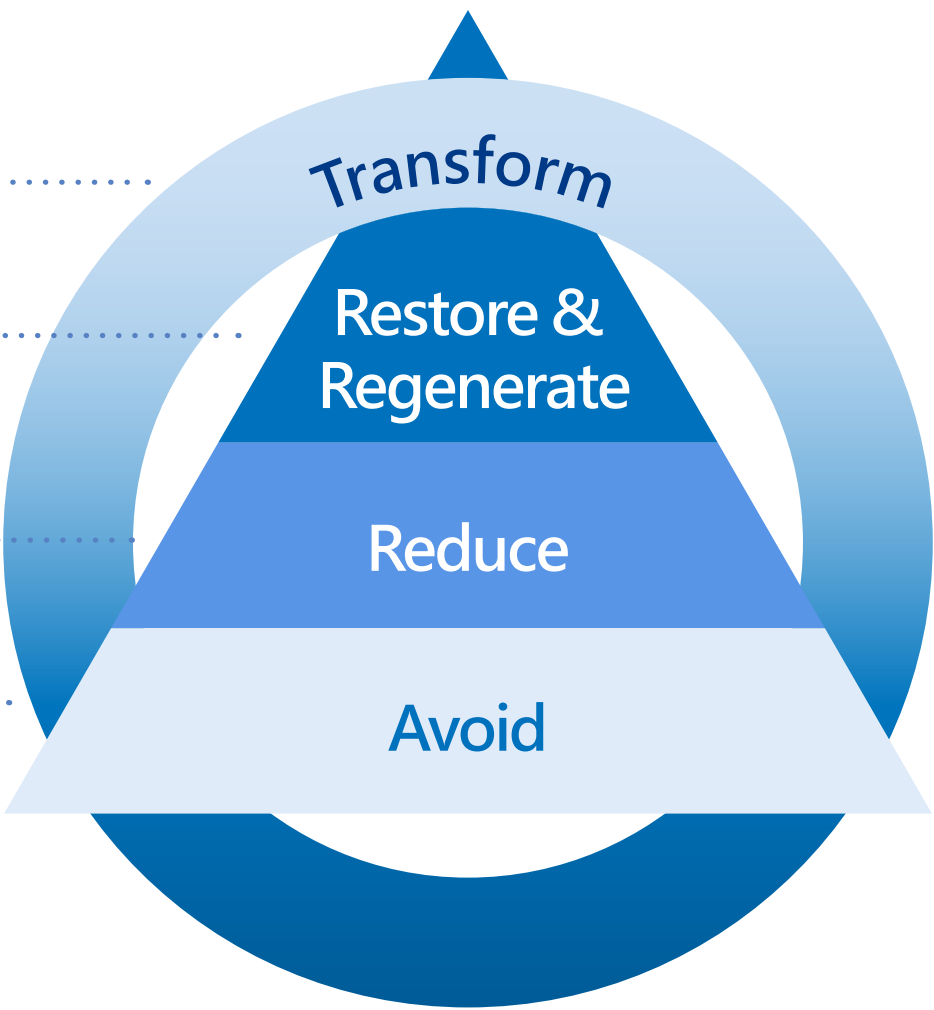
IEA NZE 2050: NTD 2,804-6,387 per metric ton of CO₂e



Nature- and Climate-related Risk Strategies and Actions

To address nature-related dependencies, impacts, risks, and opportunities, E Ink continues to implement various measures across its operations and actively collaborates with suppliers, customers, and other stakeholders to reduce nature-related risks and enhance opportunities. To effectively structure and plan nature-related measures and actions, E Ink references the AR3T framework (Avoid, Reduce, Restore & Regenerate, Transform) advocated by the Science Based Targets Network (SBTN) and the World Business Council for Sustainable Development (WBCSD), demonstrating its recent efforts to reduce nature- and climate-related risks.

- Transform
Take actions that promote systemic change and address the drivers of nature loss.
- Restore & Regenerate
Enhance ecosystem functions within existing areas or restore ecosystem integrity and sustainability.
- Reduce
Minimize negative impacts, although impacts may not be completely eliminated.
- Avoid
Prevent negative impacts at the source and completely avoid adverse impacts.



Own Operation

Suppliers

Customers

••• Other

RE100 and Net-zero Commitment	Biodiversity and Non-Deforestation Commitment	Low-Carbon Products and Application Expansion
- Reduce - Avoid Established the E Ink Policy on Safety, Health, Environment, and Energy Management and developed a net-zero emissions roadmap, integrating climate change, environmental protection, energy management, and occupational safety and health into corporate operations and management. The Company is committed to achieving 100% renewable electricity (RE100) across its global operations by 2030. Following validation by the Science Based Targets initiative (SBTi) in 2023, it has set a global net-zero emissions target for 2040. Through energy efficiency initiatives, renewable energy adoption, internal carbon pricing, and nature-based carbon removal solutions, the Company is advancing along a 1.5°C decarbonization pathway to mitigate the impacts of climate change on biodiversity.	- Reduce - Avoid E Ink is committed to taking action across its operations and engaging value chain partners to join these efforts. When establishing new sites, it will avoid locating them in biodiversity-sensitive areas to mitigate negative environmental impacts, prevent deforestation, and drive positive value for ecosystems and biodiversity. Furthermore, it actively collaborates with environmental organizations to advance ecological conservation initiatives.	Avoid Continuously invests in the development of low-power and low-carbon ePaper technologies and collaborates with ecosystem partners to expand the ePaper application market. By introducing a broader range of smart, low-carbon ePaper solutions, the Company helps reduce energy consumption and supports the transition to a low-carbon future.

(Continue)

 Own Operation

 Suppliers

 Customers

••• Other

Adopt Green Building Design and Construction		International Management Systems	Green Design and Sustainable Product Development	
 • Reduce • Avoid		 • Reduce	 • Transform • Reduce • Avoid	
All future new office and factory buildings will incorporate green building concepts to reduce impacts on the natural environment and ecosystems.		E Ink plans to complete the implementation of international management systems, including ISO 14001, ISO 50001, and ISO 14064- 1, across operation centers by 2030 to strengthen environmental management effectiveness.	In alignment with the Sustainable Product Management Policy, the Company promotes green design and collaborates with value chain partners to incorporate environmental considerations into product life cycle management. Through product carbon footprint and environmental footprint assessments, the Company continuously reduces environmental impacts throughout the product life cycle. Meanwhile, the Company advances process decarbonization by adopting high-efficiency energy-saving equipment and replacing energy-intensive equipment, thereby improving energy efficiency and developing products with lower carbon footprints. Furthermore, the Company continues to expand ecosystem collaborations to accelerate the market adoption of low-carbon products and sustainable solutions.	
Environmental Conservation Promotion		Water Resource Management		Circular Resource Use
 • Reduce		 • Reduce • Avoid		 • Transform • Reduce
Leveraging its core ePaper technology to support biodiversity conservation, E Ink has partnered with government agencies, environmental organizations, and academic experts to promote conservation initiatives at Xiangshan Wetland. Through the installation of solar-powered ePaper signage, environmental education programs, and participation in the Waterbird Festival, E Ink enhances public awareness and engagement in conservation efforts, using innovative technology to help protect wetland ecosystems while reducing paper use.		E Ink has implemented the ISO 46001 Water Efficiency Management System and established water efficiency targets to continuously improve overall water use efficiency. In addition, the Company promotes water-saving measures and strengthens wastewater treatment and recycling mechanisms to reduce dependence on municipal water supplies, thereby enhancing water resource resilience and management effectiveness.		All production sites are promoting UL2799 certification and collaborating with suppliers and recycling service providers to implement waste reduction, reuse, recycling, and recovery strategies, thereby reducing the negative environmental impacts associated with excessive resource consumption.

Potential Financial Impacts and Response Strategies for Material Nature- and Climate-related Risks and Opportunities

The results of nature and climate risk analysis have been incorporated into the Company's climate change mitigation transition planning and decision-making processes, serving as an important basis for promoting energy transition, improving energy efficiency, reducing greenhouse gas emissions, and enhancing operational and supply chain management strategies, to ensure that E Ink's long-term development pathway remains aligned with the global 1.5°C net-zero transition target. In 2025, related investments amounted to approximately NTD 6.4 billion, accounting for about 70% of total expenditures, including NTD 4.9 billion in R&D expenses, NTD 1.1 billion in sales expenses, NTD 0.25 billion in green building capital expenditures, and NTD 0.1 billion in renewable energy procurement costs. In addition, E Ink plans to gradually increase renewable energy procurement expenditures, aiming to achieve 100% renewable energy use (RE100) by 2030, and expects to invest approximately NTD 2 billion in operating expenditures for renewable energy procurement from 2026 to 2030, to achieve RE100 and move toward the net-zero emissions target by 2040.

Category	Aspect	Item	Description	Timeline	Scope of Impact	Management Practices	Financial Impact	
							2025	Future
Transition Risk	Policy	Net-zero emissions	Based on the Climate Change Response Act, Taiwan will impose carbon fees on enterprises emitting over 25,000 metric tons of CO ₂ e annually starting in 2026. E Ink and its supply chain may be subject to these regulations, potentially incurring high carbon fees due to the 2050 net-zero consensus in the future.	Short-to-long term	- Upstream - Company Operations	Aiming to achieve net-zero emissions by 2040 and 100% renewable energy use (RE100) by 2030, reducing GHG emissions through energy conservation, improved electricity efficiency, and the use of renewable energy. Achieved 67% renewable energy use in 2025.	- Capital expenditure on energy-saving equipment: approx. NTD 0.044 billion - Renewable energy procurement costs: approx. NTD 0.1 billion - Maintenance costs for environmental management systems: approx. NTD 0.006 billion	Continuous procurement of renewable energy, green building expansion, implementation of high-efficiency energy-saving equipment, development of low-carbon ePaper technology, and solar systems. Although this increases capital expenditure in the short to medium term, it enhances electricity cost resilience and meets low-carbon customer demands. The overall financial impact is manageable, and revenue is expected to grow steadily.
	Technology, Market	Transition to low-carbon manufacturing technology and processes	In response to global net-zero trends, climate policies, and increasing customer demand for low-carbon products, E Ink needs to invest capital to accelerate the development and adoption of low-carbon processes, raw materials, and equipment. Failure to effectively reduce the product carbon footprint may impact revenue.		- Upstream - Company Operations - Downstream	Continuously introducing low-carbon technology and processes from the design and material stages through manufacturing, and perfecting the environmental management system to reduce product carbon footprint; completed the introduction of energy-saving equipment and the establishment of ISO 14001 at the US site in 2025, achieving 100% coverage across global sites.	- Capital expenditure for new green building facilities: approx. NTD 0.25 billion - R&D expenses: approx. NTD 4.9 billion	
Opportunity	Market	Increasing demand and applications for ePaper products	Global smart and sustainable development trends drive the growth in demand for low-carbon displays. With international brands and consumers prioritizing energy-saving and environmentally friendly products, ePaper, with its advantages in energy saving, low carbon, and low light pollution, has become a low-carbon display solution for retail, transportation signage, education, and logistics, helping to increase market share and brand value.	Short-to-long term	Company Operations	Actively expanding ePaper applications and collaborating with ecosystem partners to penetrate retail, healthcare, education, and transportation sectors. Also conducting product carbon footprint inventories according to ISO 14067 and enhancing the product's green benefits through databases and third-party verification to meet market demand for low-carbon products.	- Contribution from new applications: approx. NTD 29.3 billion - Sales expenses: approx. NTD 1.1 billion - R&D expenses: approx. NTD 4.9 billion - Product carbon footprint inventory cost: NTD 170 thousand	Continuing to invest in ePaper R&D and expand applications, collaborating with partners to develop diverse products, and strengthening carbon footprint inventory and verification to respond to low-carbon demand and drive revenue growth. The proportion of sales and R&D expenses is expected to remain stable in the short, medium, and long term, and carbon management costs will have a limited financial impact.
	Resource Use Efficiency	Promoting low-carbon and green production	Enhancing low-carbon design, sustainable raw material usage, and product recyclability through R&D and technological innovation. Also introducing green electricity, the ISO 50001 energy management system, process improvements, and green building designs during the manufacturing stage to reduce operational carbon emissions and secure an internationally recognized proportion of green revenue.		Company Operations	Continuously promoting green production by introducing energy-saving equipment, green buildings, and the ISO 50001 energy management system to reduce energy consumption and carbon emissions. Simultaneously, developing green products that leverage the energy-saving and low-carbon characteristics of ePaper to increase revenue contribution.	- R&D expenses: approx. NTD 4.9 billion - Capital expenditure on energy-saving equipment: approx. NTD 0.044 billion - Capital expenditure for green building facilities: approx. NTD 0.25 billion - Maintenance costs for energy management systems: approx. NTD 630 thousand	n the short term, capital expenditures and operating expenses will increase due to the adoption of renewable energy and equipment upgrades; in the medium term, stable orders and increased revenue can be achieved by reducing the product carbon footprint; in the long term, reducing carbon emissions and improving energy efficiency will lower carbon cost risks and enhance competitiveness.

03 Risk, Opportunity, Targets, and Actions

3-1 Targets-Vision for Nature and Climate Targets



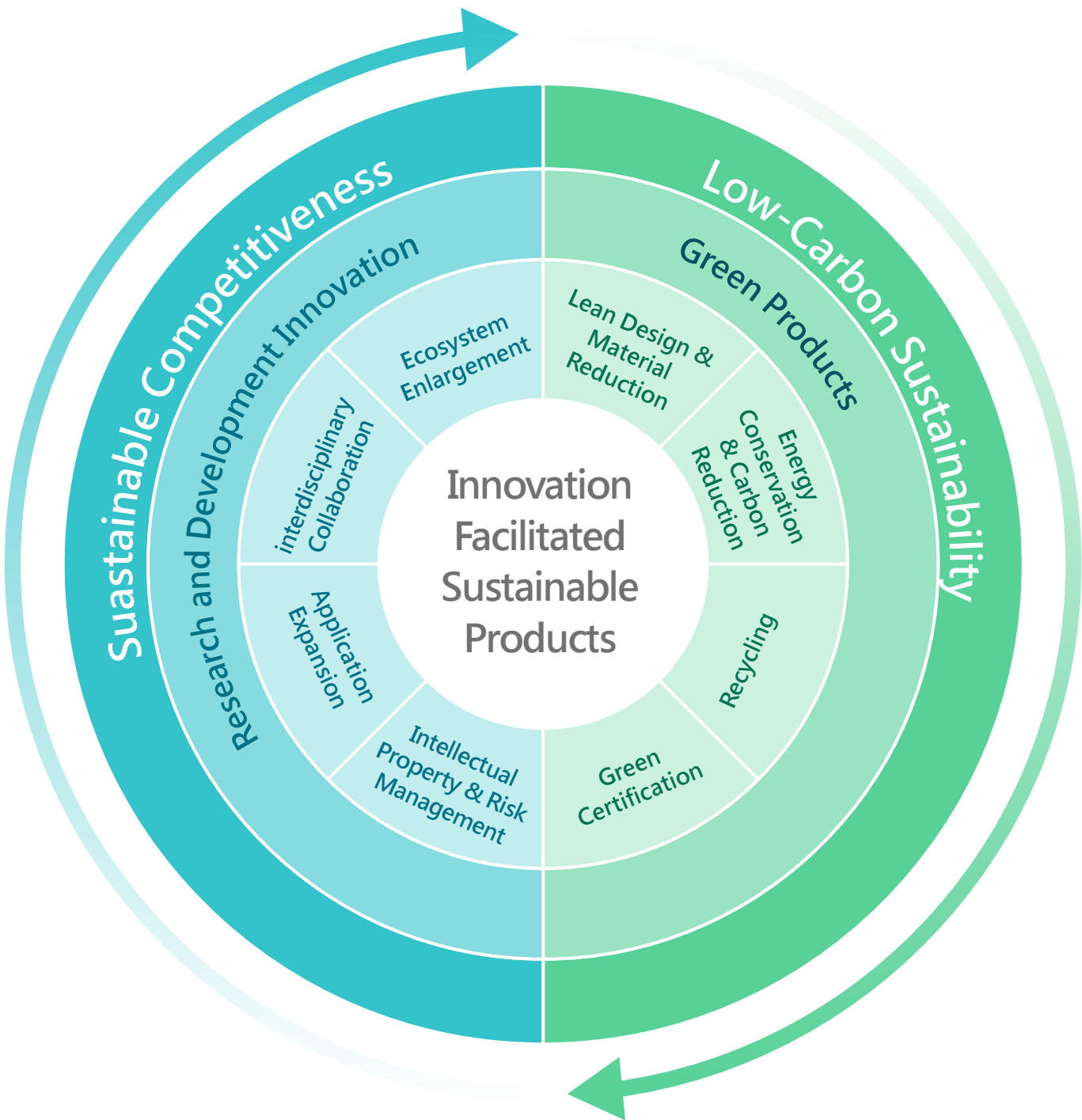
3-1 Targets-Vision for Nature and Climate Targets

Based on the risk and opportunity analysis results under the TNFD and TCFD frameworks, E Ink has established nature- and climate-related targets and actions. In addition to existing sustainability indicators, the Company has introduced corresponding nature- and climate-related policies, topics, indicators, management actions, and targets in response to the identified risks and opportunities, in order to effectively manage nature- and climate-related issues. Nature- and climate-related issue management is built upon four key pillars: "Innovation for Low-Carbon Sustainable Products", "Low-Carbon and Energy Saving Operations and Manufacturing", "Sustainable and Value-Added Supply Chain" and "Local Engagement Aligned with Core Business." Based on these policies, E Ink has established targets for 2030 and 2035. Detailed information is provided in the table "Management Objectives and 2025 Performance" below.

Innovation for Low-Carbon Sustainable Products

E Ink's core ePaper technology and products, leveraging bistable and reflective display principles, provide an environmentally and visually friendly display interface. To effectively promote sustainable product development, E Ink centers its sustainable product management on 'Innovation for Low-Carbon Sustainable Products.' "E Ink established the "Sustainable Product Management Policy" through two major strategies, "Research and Development Innovation" and "Green Products," leveraging its competitiveness in sustainability and low carbon.

Guided by its brand vision, "We Make Surfaces Smart and Green,"E Ink focuses on the trends of Artificial Intelligence of Things (AIoT) and sustainable development. By leveraging environmentally and visually friendly ePaper technology, the Company continues to expand applications in areas such as smart education, smart signage, smart retail, smart transportation, and smart logistics. E Ink assists customers in adopting ePaper as the primary display interface across various application scenarios, thereby amplifying the positive environmental, social, and economic impacts of green technologies and sustainable products.



Research and Development Innovation

In the process of transforming new technology research and development into commercial products, E Ink focuses on intellectual property and product risk management, the expansion of diverse ePaper product applications, the active operation and expansion of the ePaper ecosystem, and cross-disciplinary collaboration with industry, government, universities, and institutes. This approach deepens internal R&D innovation and stimulates sustainable technology and product design momentum through external interdisciplinary cooperation.



Green Products

By focusing on "Lean Design and Material Reduction," "Energy Conservation and Carbon Reduction," "Recycling," and "Green Certification," E Ink enhances the low-carbon sustainability of ePaper products throughout the processes of raw material selection, production and manufacturing, distribution and sales, usage, disposal, and recycling.

Low-Carbon and Energy-Saving Operations and Manufacturing

The impacts of climate change on the environment are becoming increasingly severe. The Paris Agreement's goal of "holding the increase in global temperature to well below 2°C and pursuing efforts to limit it to 1.5°C" has become a shared global challenge and responsibility. As a leader in green display products, E Ink not only actively develops low-carbon and energy-efficient ePaper products and diversified applications, but also continuously promotes energy conservation, carbon reduction, water conservation, and waste reduction measures throughout its manufacturing operations to comprehensively implement a low-carbon operating model. Guided by its sustainability policy on "Low-Carbon and Energy-Saving Operations and Manufacturing" and its "E Ink Policy on Safety, Health, Environment, and Energy Management," E Ink has established three major sustainability action directions: "Response to Climate Change," "Transformation Path to Net Zero," and "Environmental Impact Mitigation." The Company has also formulated specific strategies, management objectives, and quantitative performance indicators covering sustainability topics such as environmental protection, climate change, water resources, waste management, and energy use. E Ink's carbon reduction pathway and targets have been reviewed and validated by the Science Based Targets initiative (SBTi) for its near-term, long-term, and net-zero greenhouse gas reduction targets. SBTi also recognized E Ink's net-zero target as one of the most ambitious targets currently validated through its review process.

Scope 2 emissions account for approximately 80% of E Ink's total greenhouse gas emissions. Accordingly, the Company has committed to achieving 100% renewable energy use (RE100) by 2030 and net-zero carbon emissions by 2040. By the end of 2025, E Ink's global renewable energy usage ratio had reached 67% (RE67), not only achieving the original target one year ahead of schedule, but also exceeding the 2025 target and approaching the planned 2026 target. Among its operations, the Yangzhou sites in China, US sites, sales centers in Tokyo, Seoul, and the Netherlands all maintained 100% renewable energy use (RE100), while renewable energy usage at Taiwan sites increased to 34% (RE34). Regarding Scope 1 emissions management, the primary emission sources come from process equipment using natural gas. Since 2023, E Ink's Fremont site in the US has continuously improved the operational efficiency and utilization time of key equipment, including incinerators, in order to reduce nighttime natural gas consumption and further lower carbon emissions. In addition, E Ink joined the EP100 initiative in September 2022, committing to fully implement ISO 50001 Energy Management Systems across all global sites by 2030 and to double energy productivity by 2040 compared with the 2018 baseline. To achieve these commitments, the Company continues to implement various energy-saving and carbon-reduction measures, including replacing aging equipment, improving equipment energy efficiency, and optimizing manufacturing processes through parameter adjustments. E Ink implemented more than 25 new energy efficiency projects across its global sites in 2025. These efforts resulted in annual electricity savings of 6,069 MWh, equivalent to a reduction of 2,910 metric tons of CO₂e emissions.

In 2025, E Ink's total water withdrawal increased due to expanded production capacity. To reduce the environmental impact of water use, the Company continued improving process water recycling rates, resulting in a 27% reduction

in annual water intensity compared with 2021, demonstrating the effectiveness of its water conservation measures and continuous improvement initiatives. In terms of resource and waste management, the effective use of resources and reduction of waste generation have become critical sustainability issues for enterprises. To address this, E Ink has promoted UL2799 Zero Waste to Landfill certification since 2019, actively increasing the proportion of waste recycling, reuse, and resource recovery while avoiding landfill disposal and incineration without energy recovery, thereby moving toward its zero-waste goal. Currently, E Ink's Taiwan and Yangzhou sites have both achieved a 100% waste diversion rate^{Note 1} and obtained the highest-level UL2799 Platinum certification, ensuring that all waste is properly managed through recycling or reuse without landfill disposal or incineration without energy recovery.

Sustainable and Value-Added Supply Chain

As a global leader in the e-paper industry, E Ink works closely with suppliers across a wide range of sectors, including raw materials, components, product assembly, and transportation. To build a supply chain system that is both sustainable and resilient, E Ink fully implemented the ISO 20400 Sustainable Procurement Guidance at its Taiwan and Yangzhou sites in 2025, integrating sustainability principles into procurement policies and operational practices. This enables the Company to effectively manage the environmental, social, and economic risks and opportunities that may arise during the sustainability transition, while fostering shared sustainability and environmental goals among e-paper supply chain partners. In addition, E Ink is committed to ensuring that supply chain workers are treated fairly, have the freedom to choose employment, and work in safe and healthy environments. The Company also requires suppliers to fulfill environmental protection responsibilities and adhere to ethical and integrity standards in their business operations. E Ink has established a "Sustainable Procurement Management Policy" and continues to enhance supply chain performance in areas such as human rights protection, occupational safety, environmental protection, management systems, and business ethics through the implementation of the "E Ink Supplier Code of Conduct" and the "E Ink Conflict Minerals Policy." Furthermore, the Company strengthens supply chain management through supplier evaluations and audit mechanisms to reduce the risks of supply disruptions and supply chain interruptions.

To further strengthen sustainable procurement management, E Ink has also collaborated with suppliers to promote packaging recycling projects and low-carbon logistics management. To date, more than 10 suppliers have participated, with estimated annual emissions reductions of approximately 1,154 metric tons of CO₂e. In addition, E Ink actively encourages suppliers to jointly pursue net-zero emissions and 100% renewable energy use (RE100) targets. By 2025, 27 significant suppliers had established renewable energy usage and carbon reduction targets, of which 24 committed to achieving RE100. Meanwhile, 26 suppliers had established net-zero carbon emission targets, including 5 suppliers whose targets had been validated by the Science Based Targets initiative (SBTi).

Note 1: Waste diversion rate = (reuse + reduction + recycling + reclamation + waste-to-energy recovery + anaerobic digestion + biofuel conversion + composting) / total weight of waste generated.



Caring for Ecological Restoration and Friendly Environments

Excessive economic development has caused ecological and environmental pollution, posing extreme climate disruption and threats to biodiversity, which endanger the survival of humans and other species. Environmental protection is an indispensable part of achieving sustainable development goals. Sustainable operations depend on land-based facilities and assets, while employees need a safe living environment, and ecosystems indirectly and directly provide raw materials for various productions. Thus, a company's sustainable operations are closely linked with environmental stability and biodiversity.

E Ink aims to raise public awareness and concern for ecological conservation while promoting the sustainable development of global biodiversity through environmental education on ecological protection and biodiversity. By participating in strategies that balance environmental ecology, biodiversity, and forest conservation, and by formulating the 'Biodiversity and Non-Deforestation Commitment,' E Ink ensures that its global operations, manufacturing, R&D, and business locations are not situated in ecological conservation areas, thus preventing any disruption to habitats, and minimizing natural resource consumption. E Ink is further committed to addressing challenges at the source by fully optimizing its production processes, minimizing the ecological impact of raw materials, and avoiding deforestation. The Company has also enhanced energy efficiency, encourages suppliers to adopt environmentally friendly and recyclable materials, and collaborates with upstream value chain partners to protect the environment, starting with reducing natural degradation. The short-term goal is to achieve No Net Loss (NNL), while the long-term goal is to realize a Net Positive Impact (NPI) by 2030.

In addition, E Ink has joined international advocacy organizations to actively promote the protection of natural ecosystems and habitats for wildlife and plants. The Company works to extend environmental conservation awareness to employees, shareholders, and supply chain (or value chain) partners, raising stakeholder awareness of environmental and ecological protection. Together, they support biodiversity conservation, forest preservation, and ecological protection through concrete actions.

Protecting Biodiversity with Technology

Located along Hsinchu City's "17 km Coastline," Xiangshan Wetland is the largest intertidal wetland north of the Dajia River, covering an area of 1,768 hectares. Its diverse tidal ecosystems support abundant biodiversity, including the "living fossil" lingula, the endemic Taiwanese fiddler crab, and the endangered tri-spine horseshoe crab. Every autumn and winter, large numbers of migratory birds overwinter in the wetland, making Xiangshan Wetland an important biodiversity hotspot and environmental education site in northern Taiwan. However, increasing coastal development, human activities, and wetland sedimentation have gradually placed ecological pressure on the area. Jincheng Lake, located at the northern end of the wetland, serves as a critical stopover habitat for migratory birds during their southbound migration. Yet long-term habitat disturbance and illegal waste disposal have threatened both bird habitats and the wetland environment.

E Ink leverages the ultra-low power consumption, glare-free display, wide viewing angle, and full-color features of ePaper technology to build a smart information platform that combines environmental friendliness with ecological education. Since 2023, E Ink has collaborated with government agencies, environmental organizations, and supply chain partners to promote ecological conservation initiatives at Xiangshan Wetland. Following the completion of core infrastructure in 2024, multiple ecological education and public engagement initiatives were further launched in 2025 with Xiangshan Wetland as the starting point.

Establishment of ePaper Signage System

Five large-sized solar-powered color ePaper signboards were installed in the Xiangshan Wetland area. The signboards provide migratory bird observation, ecological tour, and environmental education information based on different seasons and event themes, while also displaying real-time tidal and environmental information through integration with a smart climate data system.

Compared with five traditional outdoor LCD displays (seven 25.3-inch screens in total) operating 24 hours a day throughout the year, which would consume approximately 9,200 kWh annually, the ePaper signboards require no continuous power to maintain displayed content. This helps the Hsinchu City Government save approximately NTD 27,600 in annual electricity costs while reducing energy consumption and carbon emissions.



Promotion of Ecological Activities

E Ink has participated in the "Hsinchu Waterbird Festival" for three consecutive years. In 2025, 10 employees were recruited as corporate volunteers to support on-site activities, and 20 teachers and students from "Build a Home," a long-term nonprofit partner supported by E Ink, were specially invited to participate. Through engaging and interactive activities, participants learned about migratory bird migration, ecological conservation, and wetland preservation. More than 600 people attended the event on that day.



Promotion of Environmental Education

To raise public awareness of species conservation, E Ink donated a batch of indoor full-color ePaper displays to the Xiangshan Wetland Marine Conservation Education Center for showcasing conservation information on species such as horseshoe crabs. In addition, Dr. Yang Ming-Che, known as the "Horseshoe Crab Doctor," was invited to deliver a special lecture to enhance employees' understanding of the ecological value of horseshoe crabs and the urgency of conservation efforts. The initiative also continued exploring collaboration models among technology, communities, and environmental protection to contribute to wetland ecology and species sustainability. A total of 70 participants attended the event.



Management Objectives and 2025 Performance

✔ Achieved — Not Achieved

Sustainability Policy	Sustainability Actions	Sustainable Topics	Sustainability KPIs	Management Approaches and Performances	Result (2025)	Target Year	
						2030	2035
Innovation for Low-Carbon Sustainable Products	Product Realization and Technology Innovation	✔ Product Research, Development and Innovation	Development Resource	Proportion of R&D Expense to Revenue	14% ✔ Target: 10-15%	10-15%	12-17%
		✔ Market Expansions	New Product and Technology	Proportion of New Product Developed in Past 3 Years to Revenue	>81% ✔ Target: >60%	>65%	>70%
		Business Partnership Management	Industry-Government-Academia Collaboration	Promoting Industry-Government-Academia Collaboration-Annual Number of New Collaboration	1 ✔ Target: 1	● 1 ●	
	Expansion of Low Carbon Products	✔ Green and Sustainable Product Development	Sustainable Products	Sustainable Product Development-Annual Number of New Projects	3 ✔ Target: 2-3	3-5	5-10
				Upgrading Existing Products for Sustainability-Annual Number of New Projects	2 ✔ Target: 1-2	2-3	3-5
				Optimization of Product Packaging Materials-Reduction Raw Material Usage of Packaging Usage	-8% ✔ Target: 5% reduction vs 2024	5% reduction vs 2025	3-5% reduction vs 2030
				Proportion of Sustainable Raw Materials Used in Specified Products (% by weight)	12.5% ✔ Target: 10-15%	15-20%	20-30%
				Proportion of Recycled Raw Materials Used in Light Guides/ Touch Panels for Specified ePaper Modules (% by weight)	5% ✔ Target: 5%	10%	30%
			Green Revenue	▲ Proportion of FTSE Russell Green Revenue to Revenue	100% ✔ Target: >99%	● >99% ●	
			Ecosystem	Value Chain of Ecosystem-Accumulated Number of Partners Annually	225 ✔ Target: 150	200	250
Low-carbon and Energy Saving Operations and Manufacturing	Response to Climate Change	✔ Climate Change Mitigation and Adaption	Risks and Opportunities	Climate and Nature Related Risk and Opportunity Management	Completed ✔ Target: Completion of identification, analysis, evaluation, and implementation of mitigation measures	Review of financial impacts	Completion of financial impact assessment
	Transformation Path to Net Zero	✔ Energy and Greenhouse Gas Management	Greenhouse gas (GHG) Emissions	Absolute GHG emission (scope 1 and scope 2)	25,402.5 metric tons CO ₂ e ✔ Target: 55,000 metric tons CO ₂ e	4,000 metric tons CO ₂ e	2,500 metric tons CO ₂ e
				▲ GHG Emission Intensity (Scope 1 and 2)	-70% ✔ Target: 20% reduction vs 2021	70% reduction vs 2021	80% reduction vs 2021
			Energy and Electricity	Energy Productivity	8.5 ^{Note1} — Target: USD 10 thousand/MWh	● ... • USD 10.5 thousand/MWh • Implement of ISO 50001 energy management system verification to global operation centers ... ●	
			Renewable Energy	▲ Percentage of renewable energy use	67% ✔ Target: 40%	● 100% ●	

(Continue)

Appendix

Appendix I: TNFD LEAP Section Cross-reference Table

E Ink conducts analysis of natural dependencies and impacts by following the LEAP approach recommended by the Task Force on Nature-related Financial Disclosures (TNFD).

LEAP Aspect			Reference Section
Locate	L1	Span of the business model and value chain	2-1 Identification-Material Topics of Nature and Climate
	L2	Dependency and impact screening	
	L3	Interface with nature	
	L4	Interface with sensitive locations	
Evaluate	E1	Identification of environmental assets, ecosystem services and impact drivers	2-1 Identification-Material Topics of Nature and Climate
	E2	Identification of dependencies and impacts	
	E3	Dependency and impact measurement	
	E4	Impact materiality assessment	
Assess	A1	Risk and opportunity identification	2-2 Analysis-Nature and Climate Scenario Analysis
	A2	Adjustment of existing risk mitigation and risk and opportunity management	
	A3	Risk and opportunity measurement and prioritisation	2-1 Identification-Material Topics of Nature and Climate
	A4	Risk and opportunity materiality assessment	
Prepare	P1	Strategy and resource allocation plans	3-1 Targets-Vision for Nature and Climate Targets
	P2	Target setting and performance management	
	P3	Reporting	1-1 Foundation-Establishing a Comprehensive Governance Mechanism and Team Management
	P4	Presentation	About this Report

Appendix II: TCFD Section Cross-reference Table

Disclosure Dimension	Disclosure Content	Reference Section
Governance	Describe the Board's oversight of climate-related risks and opportunities.	1-1 Foundation-Establishing a Comprehensive Governance Mechanism and Team Management
	Describe management's role in assessing and managing climate-related risks and opportunities.	1-1 Foundation-Establishing a Comprehensive Governance Mechanism and Team Management
Strategy	Describe the short-, medium-, and long-term climate-related risks and opportunities identified by the organization.	2-1 Identification-Material Topics of Nature and Climate
	Describe the impact of climate-related risks and opportunities on the organization's business, strategy, and financial planning.	2-2 Analysis-Nature and Climate Scenario Analysis
	Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	2-2 Analysis-Nature and Climate Scenario Analysis
Risk Management	Describe the organization's process for identifying and assessing climate-related risks.	02 Management and Response Strategies for Risks and Opportunities
	Describe the organization's process for managing climate-related risks.	02 Management and Response Strategies for Risks and Opportunities
	Describe how the processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management system.	02 Management and Response Strategies for Risks and Opportunities
Metrics & Targets	Disclose the indicators used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management processes.	02 Management and Response Strategies for Risks and Opportunities
	Disclose Scope 1, Scope 2, and Scope 3 greenhouse gas emissions and the associated risks.	Appendix III: Environmental Data
	Describe the targets the organization uses to manage climate-related risks and opportunities, as well as its performance in achieving those targets.	3-1 Targets-Vision for Nature and Climate Targets

Appendix III: Environmental Data

Item	Unit	2021	2022	2023	2024	2025
Greenhouse gas emissions ^{Note}						
Scope 1	Metric tons CO ₂ e	3,459.5	3,569.0	3,677.3	3,736.9	4,529.7
Scope 2 (Market-based)	Metric tons CO ₂ e	42,536.5	36,334.6	30,071.6	23,086.6	20,872.8
Scope 3	Metric tons CO ₂ e	207,283.9	86,435.6	72,232.7	89,450.3	159,891.7
Greenhouse gas emissions intensity	Metric tons CO ₂ e / million NTD	2.3	1.3	1.2	0.8	0.7
Energy usage						
Renewable energy	Gigajoules(GJ)	600.9	62,069.8	108,998.8	217,615.4	284,704.6
Non-renewable energy	Gigajoules(GJ)	325,511.7	303,848.9	261,755.5	228,670.6	211,160.3
Total energy	Gigajoules(GJ)	326,112.6	365,918.7	370,753.5	446,860.0	495,864.9
Renewable energy usage	-	-	RE20	RE36	RE58	RE67
Energy productivity	Thousand USD/MWh	7.8	9.9	8.5	8.1	8.5
Water usage and discharge						
Water withdrawal	Million Litres	503.2	477.9	473.2	549.6	671.1
Water discharge	Million Litres	352.8	334.2	318.7	340.0	410.4
Water Consumption	Million Litres	150.4	143.7	154.5	209.6	260.7
Water use intensity	m ³ / Million NTD	25.6	15.7	17.4	17.1	18.6
Waste generation and disposal						
Waste generation quantity	Metric tons	1,670.4	2,981.0	2,454.4	3,843.8	4,564.2
General waste recycling rate	%	38	38	56	81	85

Note: Data for Scope 1 and Scope 2 have been verified by a third party; for Scope 3, only certain categories have been third-party verified.



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