

Strategy 4: Green Operations

Key Action Aspects	2024 Performance	Short-term targets (2025)	Medium-term targets (2026-2030)	Long-term targets (2031-2050)
<p>1. Implement climate change response strategies to address risks and seize opportunities</p>	<p>Implement climate action</p> <ol style="list-style-type: none"> 1 Conducted system backup drills with a 100% pass rate. 2 Continued implementation of several climate mitigation measures to reduce greenhouse gas emissions and improve the efficiency of renewable energy use. 3 Organized numerous sustainability-related workshops, seminars, and training sessions to raise overall sustainability awareness across the market. 	<ol style="list-style-type: none"> 1 Continue to track progress towards climate change-related indicators and goals. 2 Increase the proportion of renewable energy use. 3 Continue to conduct sustainability-related education and training. 	<ol style="list-style-type: none"> 1 Replace old equipment with high-efficiency models to reduce energy consumption. 2 Continue to strengthen the functions of sustainability-related platforms. 	<p>Continue to steer enterprises to reduce carbon emissions.</p>
	<p>Improve supply chain management</p> <p>Reduced carbon emissions produced during the procurement process by supporting local vendors, thereby enhancing our corporate image and working towards sustainable development.</p>	<p>Continue to encourage suppliers to disclose climate and ESG-related information.</p>	<p>Accelerate suppliers' transformation to sustainable development to fulfill ESG commitments.</p>	<p>All partnering suppliers should achieve ESG targets and meet the requirement for lowering supply chain risk, in the areas of information security, environment, and sustainability.</p>
<p>2. Digitize internal and external processes to increase the use of renewable energy and achieve carbon neutrality</p>	<p>Make strides towards net zero</p> <ol style="list-style-type: none"> 1 Completed the 2023 GHG inventory and verification, and became the world's first exchange to be awarded the ISO 14068-1 carbon neutrality verification certificate by BSI. 2 Electronically signed documents accounted for 98.41% of all official documents in 2024, saving approximated 8.64 million sheets of paper. 3 As the FSC established the electronic official document exchange system for the financial market in 2024, the TWSE encouraged listed companies and securities firms to participate in the new system accordingly. As of the end of 2024, the percentage of listed companies and securities firms participating in the electronic official document exchange system accounted for 94% and 100%, respectively. 4 Together with the Financial Information Services Co., Ltd. (FISC), the TWSE launched the digital service of financial blockchain bank guarantees for securities lending and borrowing on the Financial Blockchain Platform, which innovates the process of securities firms' new issuance and return of bank guarantees through the paperless online platform, demonstrating the TWSE's innovative capabilities in green finance and dedication to promoting digital transformation among securities firms in leading by example. 	<ol style="list-style-type: none"> 1 Achieved carbon neutrality in 2024; continue to conduct greenhouse gas inventory and verification. 2 Increase the use of renewable energy and expand solar power generation equipment so that the First Data Center achieves RE60. 3 Replace electrical equipment with energy-saving models in conjunction with office renovations. 4 Continue to enhance the operation efficiency of the electronic official document exchange system. 5 Complete online connections with three banks to provide digital bank guarantees. 	<ol style="list-style-type: none"> 1 Increase proportion of renewable energy use. 2 Replace high-energy-consuming equipment. 3 Improve the energy efficiency of data centers. 4 Continue to promote the digitalization of operations of the securities and banking industries; achieve goal of digital bank guarantees accounting for 50% of annual bank guarantee value. 	<ol style="list-style-type: none"> 1 Continue to review developments and formulate corresponding measures so as to achieve net zero emissions. 2 Continue to promote the complete digitalization of bank guarantee operations to achieve a 100% paperless working procedure.