CH3 Innovation and Supply Chain Service

social inclusion

0.1 Message from the Chairman GRI 2-23



The impact of COVID-19 and the Russo-Ukrainian (Russia-Ukraine) War has caused a European energy crisis, which has also led to food supply disruption and global inflation. Additionally, the threats of climate change have also become a new global normal. Facing these risks, we uphold our vision to "create sustainable value for a sustainable society" and to be proactive in environmental, social, and governance (ESG), aiming to balance operational performance improvements and sustainable development practices.

Deployment for active carbon reduction

In 2020, apart from establishing the Green Power Team to proactively address and make plans for the national net-zero policy, we also continued to build solar PV installations and combined with the local agricultural economy to bring more possibilities for combining green power and industry. In 2022, the accumulative on-grid connection of solar PV installations reached 5.9MW to generate over 7 GWh of green power in estimation. In 2025 and 2027 we will complete solar PV installations with an installed capacity of 15MW and 20MW, respectively. In response to the 27% reduction target for 2030, we have mapped out the carbon reduction path towards 2030 and set annual targets and plans to review accomplishments each year.

Enhancing ESG implementation and human rights risk assessment

ESG implementation is promoted by the ESG Committee chaired by independent directors. It reviews the Company's ESG performance every six months. The in-depth ESG engagement of directors can enhance the promotion of ESG goals. Human rights risk is also our concern. By reviewing the risk condition of human rights issues in this report, we aim to ensure the perfect maintenance of human rights.

Building a safe production environment

We request a high-standard of safety during production from all plants. Apart from continuously promoting the goal of safety and the environmental five zeros: zero pollution, zero emissions, zero occupational hazards, zero accidents, and zero failures, and implementing the process management system (PSM), we also hold plant technology exchange meetings and unannounced fire drills to optimize production environment safety so as to make all-round emergency responses and minimize hazards and damage.

ESG achievements 2022

Benefited from the demand for the green economy, the 2022 sales performance of the EVA products for PV module packaging was great as witnessed by the individual revenues of NT\$15.6 billion, the second highest in USI history. The commercial operations of the Gulei Project started in December 2021, and the mid-term delivery of EVA facility was completed in October 2022 to maintain continuous vertical integration of the up-, mid-, and down-stream. In 2022 we developed and improved four products to continuously transit towards energy conservation and high-value products. In energy conservation and carbon reduction, we saved electricity by 1.31% (achieved the conservation target by 10% during 2015-2024 in advance) and water by 5.65%, and the wastewater recycling rate was 268% of the target. We also continued to implement the Resin Pellet Recycling Project with contractors to reduce microbeads and dust from contaminating the marine environment at the source.

Promoting ESG makes our operations more steady while bettering the overall environment and society at the same time. We progressively integrate ESG targets into business operations, set various project targets and goals, and achieve them systemically with artificial intelligence (AI). On the road to sustainability, we need new concepts, new technologies, and the full collaboration of all employees to ensure smooth implementation. We also intend to do things the right way before we can extend our experience to others for the common good of the whole industry, supply chain, and society.