

Message from the Chairman

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.

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.



Taita Chemical Company, Limited (TTC)

Quintin Wu, Chairman

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.

Promoting ESG makes our operations steadier 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.

TTC will continue to implement and promote relevant environmental safety and health management systems, such as ISO 14001 and ISO 45001. Since March 2021, we've been implementing the Process Safety Management system (PSM). In terms of energy conservation and carbon reduction, each plant plans various energy-saving and power reduction measures to gradually meet the government's requirement of reducing electricity usage by 1% annually for large-scale users, as well as the goal of net-zero carbon emissions by 2050. We also continue to promote the ISO 50001 energy management system and ISO 14064-1 greenhouse gas inventory operations. Through the sustainability report, TTC aims to communicate with our stakeholders about the results of TTC's social engagement, hoping to become a sustainable enterprise. After all, promoting sustainable development, raising safety and environmental awareness, pursuing zero-target in safety and environment, achieving energy-saving and carbon-reducing targets, and continuously improving and enhancing process efficiency are the cornerstones of the company's pursuit of sustainable operations.



Taita Chemical Company, Limited (TTC)

Pei-Chi Wu, President

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