



Biodiversity Statement

Biodiversity is one of our planet's most precious assets, and its value and importance are further highlighted in the face of climate change challenges. TSMC recognizes that maintaining ecosystems and the natural environment is one of the keys to achieving sustainable development. By supporting the United Nations Convention on Biological Diversity and the Sustainable Development Goals, TSMC actively protects aquatic and terrestrial ecosystems while collaborating with stakeholders to continuously promote ecological conservation and ensure the integrity of biodiversity.

Our Commitment

TSMC is committed to reducing the environmental impacts of its operations and value chain and supporting nature based and sustainable negative carbon technologies. The company actively implements tree planting, environmental education, and ecological restoration programs to achieve net zero deforestation, no net loss of nature and biodiversity, and net positive impact by 2050.

Our Principle

TSMC adopts the "Avoidance, Minimization, Restoration, and Offset" approach to mitigate impacts, implements corresponding actions, and reviews progress through internal sustainability governance mechanisms to fulfill its commitments.

Our Strategies

- **Implement green manufacturing to mitigate biodiversity loss**
Continuously strive for net-zero emissions, and use reclaimed water, resource recycling, waste reduction, and pollution control measures to reduce the impact on biodiversity caused by climate change, resource consumption, and pollution emissions.
- **Promote afforestation projects to restore ecological functions**
Strengthen ecological resilience, connect aquatic and terrestrial environments, prevent habitat fragmentation, and create a sustainable, diverse, and balanced ecology for species.
- **Actuate ecological restoration and deepen biodiversity protection**
Through biodiversity risk assessment, identify key impact sources, continuously monitor the ecological quality of operational facilities and their surroundings, and actively collaborate with stakeholders to plant trees and restore habitats, expanding conservation areas.
- **Cooperate with the supply chain to reduce environmental impacts**
Require supply chain partners to comply with biodiversity conservation regulations, avoid operations that affect vital habitats and impact the natural environment.

- **Support natural carbon sink research and sustainable negative carbon technologies**

Collaborate with academic and research institutions, adopt nature-based solutions to reduce or remove greenhouse gas emissions, and increase the carbon storage capacity of the natural world, mitigating biodiversity loss.

- **Advocate nature and environmental education**

Support the promotion of nature and biodiversity education, raise awareness of eco-friendliness and ecological protection, and foster a culture of harmonious coexistence between humans and nature.



C.C. Wei
Chairman and CEO
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