

ESG HIGHLIGHTS 2025



Environmental Efforts Achieved



CARBON EMISSION AND REDUCTION

Beyond conducting GHG Inventory across all plants, we have also expanded our reporting scope to include **Scope 1, Scope 2, and Scope 3 Category 1** (Purchased Goods and Services), **Category 4** (Upstream Transportation), **Category 6** (Business Travel), and **Category 9** (Downstream Transportation).

Energy Intensity	
2023	2024
0.70 GJ/tonne	0.65 GJ/tonne

Emission Intensity	
2023	2024
119.57 kgCO2-e/tonne	119.92 kgCO2-e/tonne



ENERGY MANAGEMENT



We prioritise **energy efficiency** and **the integration of renewable energy** across our operations.

Cikarang plant has installed a rooftop solar PV system that **generates 426,908 kWh of clean energy** annually. These initiatives are estimated to reduce emissions by **1,468.2 tCO2e**.



MATERIAL EFFICIENCY

As part of our sustainability commitments, we prioritise enhancing material input efficiency across our operations. **In 2024, one of the mills recorded an average product yield of 97.40%.**



WASTE MANAGEMENT

- Scrap materials are sold to third parties or reintegrated into our production process.
- Repurposing leftover canteen food into animal feed and compost



Social Efforts Achieved



CSR ROADMAP

As part of ISTW's commitment to fostering constructive relationships with the surrounding community, a significant step has been taken in **developing a comprehensive CSR roadmap**.



COMMUNITY ENGAGEMENT PROGRAMS

Current activities include **renovating an orphanage, providing assistive devices for people with disabilities**, assisting the surrounding community by **donating necessities and sacrificial animals**, and providing **support to people with disabilities**.



Governance Efforts Achieved



GOVERNANCE CAPACITY BUILDING

For key management personnel to identify existing governance gaps and socialisation of governance best practices.



GOVERNANCE ANALYSIS

Study to improve the organisation's structure that supports ESG implementation and introduction to ESG KPIs.



DIGITAL TEAM CAPACITY BUILDING

Techno management training, digital system development (ERP, OEE, AI, DCM, IOT)



ANTI-CORRUPTION POLICY

Strengthening policies to prevent corruption, bribery, and ethical conduct across the organisation.