

Case Study_Steel

The steel industry is the largest GHG emitter in the Japanese market, accounting for 15% of Japan's total GHG emissions. With the EU-ETS phase-out of free allowances and transition to CBAM starting in 2026, steel companies with global operations are in urgent need of decarbonizing their operations.



Market: TSE Prime Market
Employees: 1,170

Plan: Asuzero for Listed company
(Scope 1-3), CDP Consultation
Focus: Scope 1, 2 (comprises more than 60% of their total emissions)

Issue

- The company had acquired ISO 14001 certification for managing energy, but was not able to manage other items
- The Sustainability Promotion Department was established at the time of transition to the prime market, with the aspirations of calculating CO2 emissions for the entire supply chain including Scope 3, but they did not know where to start

Outcome

- Reduced man-hours required for Scope 1-2 calculations to under 50%
- Achieved Scope 3 calculation and visualization within one month of implementation
- Improvement in the CDP scoring
- Completed the calculation for the first year, and was able to set reduction targets for the next and subsequent years. Future plans include further expanding the number of sites subject to calculation