

Measures for Reducing Greenhouse Gas (GHG) Emissions

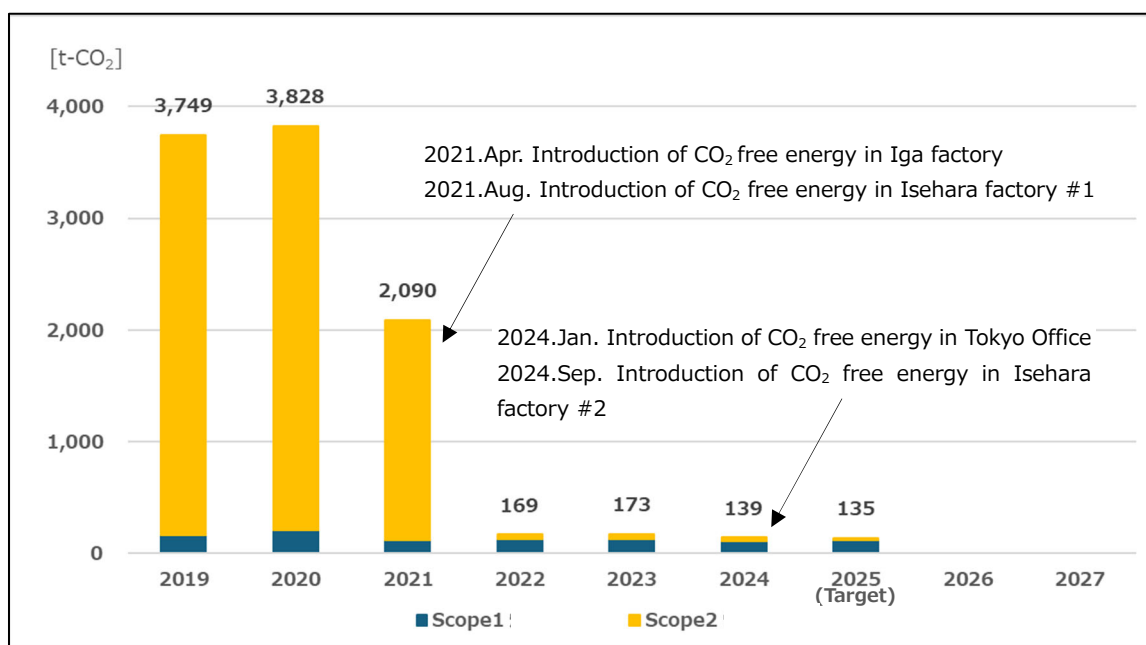
At Magnescale, sustainability and technological leadership have long gone hand in hand. We are committed to protecting the climate and the environment, with a particular focus on contributing to global decarbonization efforts.

In addressing emissions across our supply chain—from raw material production to product shipment (Scope 1, Scope 2, and upstream Scope 3)—we not only take action within our own operations but also collaborate closely with suppliers and customers to reduce CO₂ emissions throughout the entire supply chain. By 2030, we aim to reduce supply chain emissions by 46% compared to our 2019 baseline, and to achieve carbon neutrality by 2050. We also are advancing efforts to calculate the Carbon Footprint of Products (CFP), ensuring transparency and accountability in our environmental impact.

Key actions

- Transition toward sustainable energy sources, including the planned introduction of solar power generation at our newly established Nara factory, scheduled to begin operations in February 2026.
- Development of eco-friendly products that minimize environmental impact.
- Upgrading to high-efficiency equipment and transitioning our vehicle fleet from gasoline-powered to hybrid models.
- Energy conservation and productivity enhancement activities

Scope1 + Scope2 trend



Emission history incl. Scope3 (upstream)

Unit t-CO ₂	2019	2020	2021	2022	2023	2024
Scope1	162	209	114	122	129	111
Scope2	3,586	3,620	1,976	47	44	28
Scope3(upstream)	29,121	30,186	33,396	46,941	41,630	34,833
Total	32,870	34,014	35,486	47,110	41,804	34,972