

INNOVATING SUSTAINABILITY: HOW SUZLON IS ACHIEVING ZERO WASTE AND ETHICAL SUPPLY CHAINS

SUZLON ADVANCES ZERO-WASTE GOALS AND SUSTAINABLE SUPPLY CHAIN PRACTICES

OVERVIEW

Suzlon, a leading renewable energy company, is deeply committed to minimizing environmental impact and fostering sustainability across its operations. By adopting a sustainable supply chain framework and innovative waste management systems, Suzlon integrates environmental and social responsibility into its core business strategy. The company has made commitments for **Zero Waste to Landfill (ZWTL)** across its operations by 2028. Aligned to its principles for sustainable sourcing, 89.5% of Class A suppliers were assessed in FY 23-24.

SUSTAINABLE SUPPLY CHAIN MANAGEMENT

Suzlon extends its sustainability commitment across its value chain through a robust **Supplier Code of Conduct (SCOC)**, and **Sustainable Sourcing Policy**, ethical and environmentally responsible practices among suppliers. It helps in extending sustainability commitments being adhered by all suppliers and business partners and in promoting sustainable sourcing practices.

KEY FOCUS AREAS:

1. **Environmental Assessment:** Suppliers are evaluated for alignment with environmental standards to align with Suzlon's goals.
2. **Social Assessment:** Suzlon assesses labor and human rights issues, such as:
 - o Child and forced labor
 - o Freedom of association and fair working conditions
 - o Non-discrimination, fair pay, health, and safety practices

PERFORMANCE HIGHLIGHTS (FY 23-24):

- **89.5%** of Class A suppliers, including newly onboarded partners (**180 suppliers**), were assessed for ESG alignment.
- **No significant risks** were identified during these assessments, showcasing Suzlon's commitment to transparency and continuous improvement.

ADVANCING SUSTAINABLE WASTE MANAGEMENT

Suzlon strives to achieve its **Zero Waste to Landfill (ZWTL)** goal at the Group level by **2028**. Our focus lies in the efficient use of resources to curtail waste production. Our goal is to ensure that 100% of the waste we generate is recycled or reused, with no waste sent to landfills or incineration which is aligned with Circularity Principles.

At Suzlon, the waste generated is primarily during manufacturing process of the components of (Wind Turbine Generators) WTGs. The company has established strategies to manage each type of waste effectively. Suzlon's dedication to responsible waste management surpasses mere legal compliance; to positively influence the environment and society.

Suzlon is progressing towards zero-waste commitments through 3 approach under implementation

1. Reducing waste generation by adopting lean manufacturing principles, curtailing overproduction, and refining our processes
2. Emphasizing the recycling of materials and minimizing waste by reusing resources
3. Investing in technological innovations and embracing eco-friendly waste management methods, such as biodegradable packaging.

WASTE MANAGEMENT HIGHLIGHTS:

- **Comprehensive System:** Suzlon adheres to the **Reduce, Reuse, Recycle** framework to ensure efficient waste utilization and responsible disposal.
- **Zero Waste Goal:** Suzlon ensures **100% recycling or reuse** of all waste generated, preventing disposal in landfills or incinerators.
- **Certified Practices:** Waste disposal is conducted responsibly by certified vendors in line with Pollution Control Board guidelines.

KEY METRICS:

- Total Waste Generated: **23,824 MT**
 - o **Hazardous Waste:** 5,187 MT (21.7%)
 - o **Non-Hazardous Waste:** 18,637 MT (78.3%)

Suzlon also evaluates upstream suppliers' waste management practices using its ESG checklist, ensuring a holistic and responsible approach.

CONCLUSION

Suzlon's commitment to sustainability is exemplified through its strategic focus on achieving **Zero Waste to Landfill by 2028** and fostering a responsible supply chain.

By integrating lean manufacturing principles, innovative waste management technologies, and a robust Sustainable Sourcing Policy and Supplier Code of Conduct, Suzlon drives meaningful environmental and social impact. The efficient waste handling and management practices have led to substantial decrease in overall waste generation across all our operations.

This holistic approach not only minimizes waste and resource consumption but also strengthens supplier accountability, positioning Suzlon as a leader in advancing sustainable business practices for a greener future.