

Carbon Reduction Plan

Introduction

This Carbon Reduction Plan outlines our organisation's commitment to reducing carbon emissions in alignment with the global goal of limiting temperature rise to 1.5°C above pre-industrial levels. We pledge to achieve net-zero carbon emissions by 2050 through strategic actions and continuous improvement.

Organizational Commitment to Net Zero

- Our organization is dedicated to:
- Achieving net-zero carbon emissions by 2050.
- Reducing carbon emissions across all operations, supply chains, and product life cycles.
- Engaging employees, stakeholders, and communities in our carbon reduction efforts.
- Reporting transparently on our progress and updating our plan as needed.

Baseline Emissions Footprint

Base Year: 2024

Scope 1 Emissions: Direct emissions from owned or controlled sources (e.g., fuel combustion, company vehicles).

Scope 2 Emissions: Indirect emissions from the generation of purchased electricity, steam, heating, and cooling.

Scope 3 Emissions: Other indirect emissions, such as those from the supply chain, business travel, and employee commuting.

Carbon Reduction Targets

We will reduce our carbon footprint by:

- 30% by 2030: Aiming to cut overall emissions by 30% relative to our 2024 baseline.
- 70% by 2040: Further reduction to achieve 70% lower emissions than in 2024.
- Net Zero by 2050: Achieving net-zero emissions by eliminating or offsetting the remaining carbon footprint.

Key Actions and Strategies

Energy Efficiency

- Renewable Energy: Transition to renewable energy sources (e.g., solar, wind) for electricity needs. Invest in on-site renewable energy generation where possible.
- Energy Management Systems: Implement energy management systems to monitor and optimize energy use across facilities.

Transportation

- Fleet Management: Transition company vehicles to electric or hybrid models by 2030.
- Business Travel: Minimize air travel and promote virtual meetings. Implement a carbon offset program for necessary travel.
- Employee Commuting: Encourage sustainable commuting options, such as cycling, public transport, or carpooling. Provide incentives for the use of electric vehicles.

Supply Chain and Procurement

- Sustainable Sourcing: Prioritize suppliers with strong environmental credentials. Encourage or require suppliers to commit to carbon reduction targets.
- Supply Chain Emissions: Collaborate with suppliers to reduce Scope 3 emissions, such as those from product transportation and production.
- Packaging and Materials: Reduce the carbon footprint of packaging by using recycled or sustainable materials.

Waste Reduction

- Waste Management: Implement comprehensive recycling and waste reduction programs at all facilities.
- Circular Economy: Design products for durability, reparability, and recyclability to reduce waste and resource consumption.
- Zero Waste to Landfill: Aim for zero waste to landfill by 2035.

Carbon Offsetting

- Offset Programs: Invest in verified carbon offset projects, such as reforestation or renewable energy initiatives, to balance unavoidable emissions.
- Community Initiatives: Support community-based projects that contribute to carbon sequestration and local environmental resilience.

Employee and Stakeholder Engagement

- Training and Awareness: Provide regular training and resources to employees on sustainability practices and carbon reduction.
- Green Teams: Be part of green teams or sustainability committees to drive initiatives and foster a culture of sustainability.
- Stakeholder Communication: Regularly communicate progress and challenges to stakeholders⁷. Monitoring, Reporting, and Transparency

Continuous Improvement: Regularly review and update the Carbon Reduction Plan to reflect changes in technology, regulations, and organizational priorities.

Timeline and Milestones

- 2026-2030: Achieve initial 30% reduction in carbon emissions. Transition 50% of the vehicle fleet to electric.
- 2031-2040: Deepen emission reductions, target 70% reduction, and expand renewable energy usage.
- 2041-2050: Final push to net-zero, with complete transition to renewable energy, electric fleets, and full offsetting of remaining emissions.

Governance and Accountability

- Leadership Involvement: Senior management will oversee the implementation of the Carbon Reduction Plan and ensure alignment with broader business strategies.
- Accountability Framework: Establish clear accountability for carbon reduction across departments, with regular reviews by the board or a dedicated sustainability committee.
- Performance Metrics: Set specific, measurable, and time-bound goals for each key action area to track progress effectively.

This plan serves as a living document that will evolve as new technologies, best practices, and regulations emerge. The commitment to net-zero by 2050 is a crucial step in our organization's journey towards sustainability and contributing to global efforts to combat climate change.