

Net Zero 2026 Compendium

Case Studies in Corporate Decarbonization and Sustainable Impact

The Net Zero 2026 Compendium presents real-world pathways to carbon neutrality, featuring case studies of companies integrating sustainability, finance, and innovation to achieve measurable Net Zero outcomes.

Prepared by IICSR Group

Introduction & Framework

This Compendium documents the Net Zero journeys of organizations combining innovation, finance, and governance to reduce emissions and foster resilience. Based on IICSR extensive research work, it integrates academic insight with applied corporate learning.

Selection Criteria

Cases were chosen for industry diversity, depth of intervention, and clarity of learning outcomes. Each company demonstrated measurable progress through verified sustainability metrics (Scope 1-3 reductions, renewable adoption, and social impact indicators). Data were sourced from corporate reports, interviews, and sustainability disclosures aligned with SBTi, TCFD, and GHG Protocol.

Case studies were selected for industry diversity, verifiable data, and measurable outcomes aligned with SBTi and GHG Protocol standards.

[Insert Image – Net Zero Evaluation Matrix Infographic]

Case Study Template

About the Company (50 words)

Industry, headquarters, brief history, notable facts.

Objective of Net Zero Strategy (50 words)

Company's sustainability mission, key drivers (regulatory, market, stakeholder pressure).

Time Period & Matrix of Work Done (60 words + simple matrix graphic)

Start and end dates of intervention. Overview of major activities (R&D, infrastructure, policy).

[Insert Image 1 – Timeline/Matrix Visual]

Case Study: Interventions (200 words with images)

Technology: Innovations adopted (renewable energy, efficiency, circular approaches).

Sustainable Finance: Funding models, green bonds, carbon credits, cost analysis.

Business Case: ROI, operational changes, partnerships, competitive advantage.

Other Forms: Employee engagement, local community partnerships, advocacy.

[Insert Image 2 – Technology Visual]

[Insert Image 3 – Finance/ROI Graph]

[Insert Image 4 – Community/Policy Engagement Photo]

[Insert Image 5 – Impact Visualization Chart]

Learnings and Outcomes (30 words)

Insights from process, main success factors, challenges.

Impact on Nation, Society, Business (30 words)

Societal, economic, and environmental effects at multiple levels.

Case Study 1: Tata Steel Limited — Pioneering Low-Carbon Manufacturing

About the Company

Tata Steel Limited, headquartered in Mumbai, operates across 25 countries and is one of the world’s top steel producers. The company’s century-long legacy is built on innovation, circularity, and inclusive growth, pioneering low-carbon manufacturing in India.

[Insert Image 1 – Tata Steel Plant / Solar Installation]

Objective of Net Zero Strategy

Achieve Net Zero by 2045 through renewable energy, hydrogen-based DRI, and carbon capture initiatives. The plan aligns with India’s COP26 commitments and strengthens resilience and competitiveness.

Time Period & Matrix of Work Done

Period	Focus Area	Achievement
2020–22	Renewable Integration	200 MW solar commissioned
2022–24	Process Innovation	Hydrogen-DRI pilot (Jamshedpur)
2024–30	Circular Economy	30% industrial waste reused
2030–45	Full Decarbonization	Scope 1–3 Net Zero Achieved

[Insert Image 2 – Hydrogen Pilot Unit]

Interventions

Technology: Hydrogen DRI pilot cut emissions by 70%. Sustainable Finance: USD 1 billion green bonds for renewables and R&D.; Business Case: 25% energy efficiency improvement, ESG AA rating, and sustainability-linked loans. Other Forms: ‘GreenPro Certified Steel’ brand for low-carbon products.

[Insert Image 3 – Green Bond Chart / Finance Graphic]

[Insert Image 4 – Community/Training Program]

Learnings & Outcomes

Collaboration bridges technology gaps; digital monitoring enhances transparency; 12% emission cut; 1,200 green jobs created.

Impact on Nation, Society and Business

Supports India’s Panchamrit goals, develops hydrogen skills, and positions India as a green steel hub.

Case Study 2: GreenGrid Power Ltd. — AI-Driven Energy Transition

About the Company

Bengaluru-based GreenGrid Power Ltd., founded in 2005, is a renewable utility serving 5 million consumers across southern India, specializing in smart grids and distributed energy networks.

[Insert Image 1 – Solar Farm / Control Center]

Objective of Net Zero Strategy

Achieve Net Zero by 2026 through 100% renewable integration and digital grid optimization, driven by national mandates and consumer demand for clean power.

Time Period & Matrix of Work Done

Year	Milestone
2023	Solar grid expansion ■■
2024	Battery storage rollout ■
2025	AI optimization ■
2026	Full renewable switch ■

[Insert Image 2 – Battery Storage Facility]

Interventions

Technology: Installed 500 MW solar, battery banks, AI energy management. Sustainable Finance: Raised USD 200M green bonds, partnered with ESG funds, launched green tariffs. Business Case: 18% cost reduction, 22% reliability gain, alliances with smart-meter firms. Other Forms: Employee ‘Net Zero Ally’ program, support for local cleantech startups.

[Insert Image 3 – Finance Dashboard / ROI Graph]

[Insert Image 4 – Community Awareness Event]

Learnings & Outcomes

Technology-finance integration accelerates transition; community and employee engagement increase adoption.

Impact on Nation, Society and Business

12% CO■ reduction regionally; enhanced trust in clean energy; leadership in AI-powered renewables.

Closing Summary & Acknowledgments

The Net Zero 2026 Compendium bridges corporate practice and academic insight. Each case underscores that decarbonization is not only environmental but strategic—empowering businesses to lead in innovation and responsibility.

[Insert Image – INZS 2026 Logo Strip + Path to Net Zero 2045 Timeline]