

TCS Corporate Sustainability and ESG Commitments

TCS Sustainable Business and Environmental Responsibility

Corporate Sustainability Focus: TCS is committed to creating long-term value while operating in an environmentally responsible and socially conscious manner. Sustainability is integrated into the business strategy and operations.

Environmental Commitments:

Carbon Neutrality Goal: - Target: Achieve carbon neutrality - Focus areas: Energy efficiency, renewable energy, emissions reduction - Scope: Operations and supply chain

Energy Management: - Renewable energy adoption - Energy efficiency initiatives - Green building certifications - Sustainable data center operations

Water Conservation: - Water efficiency programs - Wastewater treatment - Rainwater harvesting - Water recycling initiatives

Waste Management: - Reduction and recycling programs - Hazardous waste management - Zero waste to landfill targets - Circular economy principles

Social Responsibility:

Employee Well-being (Covered comprehensively in separate document): - Comprehensive health programs - Mental health support - Work-life balance initiatives - Diversity and inclusion programs

Community Development: - Education initiatives - Skills training and employment programs - Community healthcare programs - Disaster relief and rehabilitation

Supply Chain Responsibility: - Vendor sustainability requirements - Labor practice standards - Ethical sourcing policies - Transparency and compliance

CSR Initiatives: - TCS Research (research and innovation) - TCS Maitree (volunteering and community service) - Education programs - Women empowerment initiatives

Diversity, Equity, and Inclusion: - 35.2% women workforce - 149 nationalities represented - LGBTQ+ inclusion programs - Domestic talent development - Equal opportunity workplace

Governance:

Environmental Targets and Performance: - GHG emissions reduction targets - Energy efficiency improvements - Environmental initiative tracking - Regular reporting and disclosure

Social Metrics: - Talent management and development - Diversity statistics and progress - Community investment tracking - health and wellbeing metrics

Governance Structure: - Board oversight of sustainability - ESG committee responsibilities - Risk management frameworks - Stakeholder engagement

Policies and Compliance:

Company Policies: - Environmental policy - Social responsibility policy - Human rights policy - Anti-corruption and ethics policy - Supply chain standards

Reporting: - Sustainability reports - GRI standards alignment - UNGC principles compliance - Third-party assurance - Investor ESG disclosures

Stakeholder Engagement: - Regular stakeholder consultations - Transparency in reporting - Feedback mechanisms - collaborative initiatives - Industry partnerships for sustainability

Recognition and Certifications: - Industry sustainability awards - ESG rating recognition - Certification achievements - Best practice acknowledgment - Sector leadership status

Future Vision: TCS is committed to being a responsible corporate citizen, leveraging technology and innovation to create positive environmental and social impact while delivering shareholder value and maintaining industry-leading profitability.

****Theoretical Background**** This section provides theoretical foundations and core principles underlying sustainability. It explains conceptual models, foundational algorithms, and frameworks practitioners use to reason about the topic.

****Core Concepts**** - Definitions and formalization of the problem domain. - Key models and abstractions used in analysis (e.g., probabilistic models, optimization objectives, architectural patterns).

****Mathematical / Conceptual Models**** Where applicable, include concise descriptions of relevant mathematical concepts: probability distributions, objective functions, complexity considerations, system-of-systems models, or governance/control loops.

****Implications for Practice**** Practical implications, trade-offs, typical deployment considerations, data needs, evaluation metrics, and governance or compliance concerns.

****Further Reading & References**** Pointers to canonical textbooks, surveys, standards, and influential papers that help deepen understanding.