

Carbon Reduction Plan Template

Supplier name: **Tata Consultancy Services Limited (TCS)**

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Commitment to achieving Net Zero

TCS is committed to achieving Net Zero emissions by 2030 and has committed to set a science-based emission (SBTi) reduction target aligned with the SBTi’s target-setting criteria to limit global warming to well-below 2°C above pre-industrial levels and pursue efforts to limit warming to 1.5°C. TCS science-based emission (SBTi) reduction targets are currently being developed for submission and verification by SBTi in 2024. This Carbon Reduction Plan covers TCS operations provided by its UK branch office (UK branch registration number 007627). The organizational boundary for emissions covered in the scope of this document is based on operational control for TCS’ operations in the UK.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: FY 2016	
Additional Details relating to the Baseline Emissions calculations.	
Baseline emissions were independently calculated and verified according GHG Protocol, and ISO 14064:3. The boundary of the baseline emissions includes Scope 1, 2, and relevant Scope 3 emissions. All 15 scope emission 3 categories have been reviewed and relevant scope 3 emissions to our business undertakings have been identified and calculated; we have identified the following relevant scope 3 emissions: Purchased goods and services; Capital goods; Fuel-and-energy-related activities (not included in Scope 1 or 2); Upstream transportation and distribution; Waste generated in operations (produced by our operations); Business travel and Employee commuting (to include home working emissions) only.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	138.89
Scope 2	878.26

Scope 3 (*Included Sources table A)	15,651 ²
Total Emissions	16668.15

Current Emissions Reporting

Reporting Year: 01st April 2023- 31st March 2024	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0¹
Scope 2	0²
Scope 3 (*Included Sources table A)	18994¹
Total Emissions	18994

Emissions reduction targets

To continue our progress to achieving Net Zero by 2030, we have adopted the interim carbon reduction target to reduce the absolute Scope 1 + Scope 2 emissions by 70% by 2025. TCS UK achieved the interim 2025 target (of 70 percent reduction) in FY 2023 two years ahead of time.

¹ Scope 3 emissions have increased due to an increased Employee headcount and associated office utilisation

¹ TATA Consultancy Services UK have purchased Renewable Energy Guarantees of Origin (REGO) certificates against the volume of non-renewable electricity consumption within our operations. The remainder of electricity consumption is 100% renewable and TCS UK achieved carbon neutrality for scope 2 emissions in FY 23 against pas 2060 and externally verified by Ernest Young Associates LLP

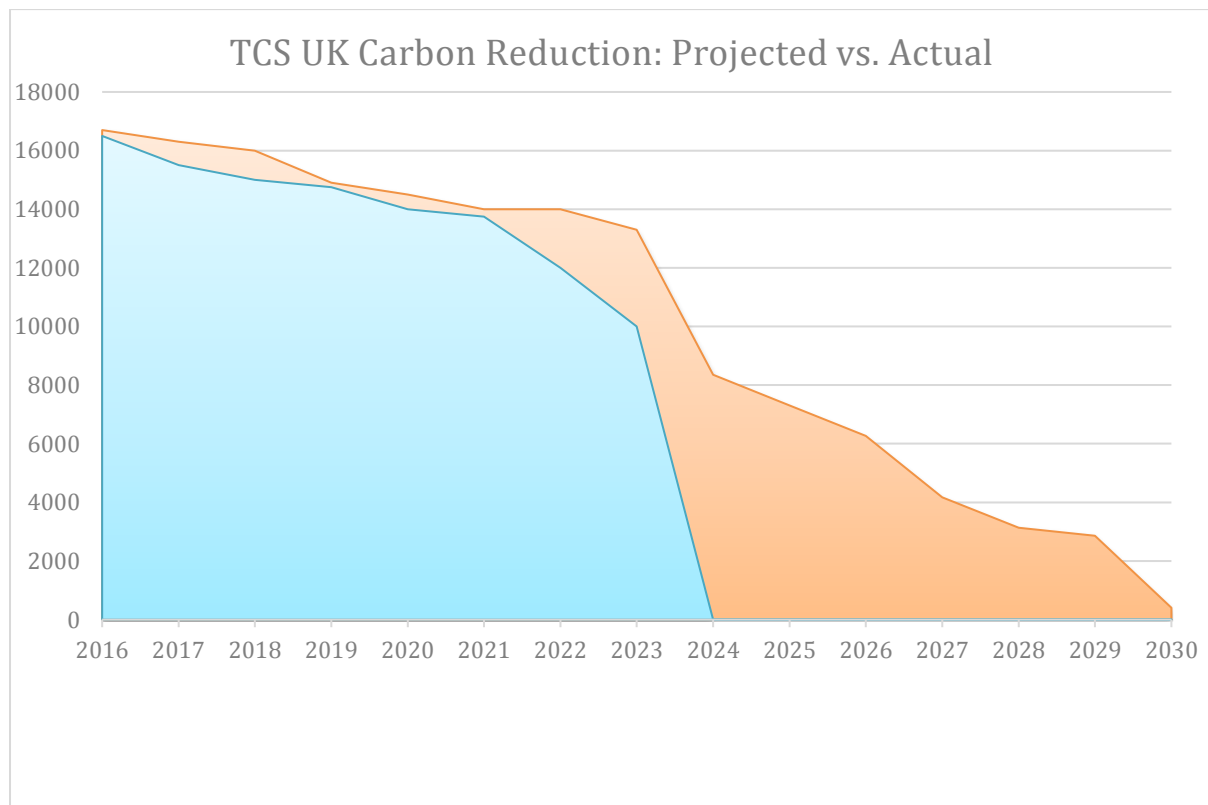
² TATA Consultancy Services UK have purchased Renewable Energy Gas Guarantees of Origin (REGGO) Biomethane certificates against the volume of natural gas consumption within our operations. UK achieved carbon neutrality for scope 1 emissions in FY 23 against pas 2060 and externally verified by Ernest Young Associates LLP

TCS Emission reduction objectives include:

- **Reduce Green House Gas emissions** by improving energy efficiency in our operations.
- **Reduce absolute Scope 1 and Scope 2** emissions by 70 percent by 2025 over a 2016 base year and achieve Net Zero status by 2030 or earlier.
- **Mitigate our impact** on the environment across the project lifecycle through responsible sourcing practices and green building infrastructure.
- **Operate efficiently** by leveraging IoT Remote Energy Management. TCS will follow Green IT practice and manage end-of-life of assets in responsible manner.
- **Minimise consumption** of natural resources such as:
 - Optimise water consumption through conservation, sewage treatment and reuse, ad rainwater harvesting.
 - Reduce consumption of paper. Paper waste will segregated, shredded, and sent for recycling and other consumables.
- **Use ‘Green Procurement’** to the maximum possible extent, working with supply chain partners to reduce value chain emissions and adhere to safe and environmentally responsible practices.
- **Promote ‘Eliminate, Reduce, Reuse and Recycle’ philosophy** for all types of waste and dispose of **inevitable** wastes in an environmentally acceptable manner as per regulatory requirements.
- **Expand use of renewable** energy sources

We project that carbon emissions will decrease over the next year by at least 0.4 ‘Tonnes of CO₂e per FTE 'tCO₂e to 0.403 ‘Tonnes of CO₂e per FTE 'by 2025. This is a reduction of 80% against our baseline year.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2016 baseline. The carbon emission reduction achieved by these schemes equate to achieving a 59% 'Tonnes of CO₂e per FTE' reduction against the 2016 baseline.

Under the aegis of TCS' Environmental Policy, Green procurement policy, TATA climate change policy, Sustainable supply chain policy and ISO 14001:2015 Environmental Management System certification, TCS is committed to mitigate its impact on the environment across its lifecycle through its responsible sourcing practices, green building infrastructure, resource efficient operations (by leveraging IoT), and ensuring optimisation, Green IT and managing end of life of assets in responsible manner. All these are aligned to our objective to become a responsible corporate and aspire to minimise our impact on the environment.

Our environmental sustainability strategy is implemented through our environmental policies, standardised processes, impact assessment's, performance monitoring and strong partnerships with stakeholders, including employees. TCS measures, manages and publicly reports on energy, carbon, water and waste metrics– the most material environmental aspects of our operations.

The key focus areas of our environmental strategy are energy efficiency across operations, Carbon footprint reduction, phased transition from conventional energy to renewable energy, working with supply chain partners to reduce value chain emissions and optimizing business road, rail and air travel and employee commutes, Water management: Efficient use, recycling and rainwater harvesting, Waste management: Reduction, Reuse and Recycling. Our company's Vision 25x25 is a strategic lever which is expected to enable achieving this aspiration, along with carbon removal offsets as a last option in the carbon management hierarchy wherever other options for reductions are not feasible.

Beyond TCS' own footprint, we also drive supply chain sustainability through responsible sourcing.

As part of our commitment to environmental sustainability, TATA Consultancy Services have purchased Renewable Energy Guarantees of Origin (REGO) certificates against a volume of 210 MWh of electricity consumption and Biomethane Certification Scheme (BMCS) certificates against a volume of 1373 MWh of gas consumption. Both purchases are for the percentage of our operational non renewable electricity consumption and mains gas consumption within the UK for the period 01/04/2023 – 31/03/2024. TCS UK has achieved carbon neutrality across Scope 1 and Scope 2 during this reporting year in line with PAS2060 certified by Ernest and Young Associates LLP.

TCS has achieved ISO 14001:2015 Environmental Management System certification. To meet this standard, all activities follow prescribed methods:

- We follow the EMS risk-based approach principle of Plan-Do-Check-Act. We integrate environmental risks and opportunities including compliance management, impact assessment, control procedures, monitoring and measurement, audits, and reviews.

- We undertake Environmental Aspect-Impact risk and opportunity Assessments for all our business undertakings. As a result of these assessments, we propose mitigation measures as part of project planning and governance, alongside objectives for continual improvement.
- We further increase the sustainability of our supply chain. Sustainability, safety and environmental requirements are integrated in our online vendor management system across vendor lifecycle: selection, review and renewal. We select products and partners based on safety/environment, vendor compliance review, mandatory policy and process requirements, desktop assessments, audits, and performance review.
- We provide environmental and sustainability training for all our workforce through our iEvolve learning management platform.
- We minimise non-essential travel through an agile and flexible approach to our business undertakings. This will be supported by TCS' "Vision 25x25" (by the year 2025 no more than 25% of our employees would need to be at a TCS facility at a point in time and no individual would have to spend more than 25% of their time at a TCS facility to be 100% productive).

Energy and carbon continue to be material environmental aspects for us with greater focus on energy reduction and carbon mitigation. With an operational footprint that consists of office blocks to house our delivery and sales offices across the UK, direct emissions from our operations – also referred to as Scope 1 emissions – are a very small part of our carbon footprint, The rest is made up of indirect emissions, referred to as Scope 2 emissions, associated with purchased electricity. We also account for our Scope 3 emissions.

Office/Location based initiatives:

- Undertaken energy audits across our UK office portfolio
- Commissioned a blueprint sustainable fit out programme at our largest delivery centre in the UK, to include;
 - Energy Efficient VRV air conditioning with individual controls
 - Reusing existing ductwork and grills where possible
 - Heat recovery AHU & Ventilation achieving 75% reduction in running cost
 - Removing Fossil Fuels (Electricity and Natural gas)
 - Modular LED lighting
 - Intelligent motion lighting controls
 - Smart metered energy usage
 - Environmentally friendly materials such as recycled or reclaimed wood, low volatile organic compound (VOC) paints and finishes and sustainable flooring options.
 - Maximizing access to natural light and outdoor views to enhance occupant comfort, productivity, and connection to the environment.
 - Incorporating elements such as biophilic design principles, ergonomic furniture, and spaces that promote physical activity and mental well-being.

- Our Head Office is certified BREEAM and WELL Building
- We achieved Zero waste to landfill accreditation for 86% of our office portfolio.
- We have installed energy efficient lighting (PIR controls and occupancy sensing in relevant areas)
- Implemented zonal thermal controls (time and temperature)
- Metering for energy management
- Rigorous commissioning and maintenance controls set up to dynamically adjust heating, ventilation, hot water generation to reduce carbon emissions and maximise energy efficiency.
- Full deployment of collaboration technologies across all our offices to reduce business travel
- Transitioned to a fully electrified fleet
- 98% of our electrical energy provision that powers our UK operations is from renewable sources.
- Introduced a cycle to work scheme
- Ongoing annual employee engagement environmental awareness and reduction campaigns in line with Tata Sustainability Month featuring fully digital campaigns.

TCS has a robust sustainability tool from to gather the environment data, such as electricity consumption (conventional & renewable energy), fuel consumption details, water consumption & recycling, waste generation & recycling, etc. The data is collected, reported, validated, and analysed monthly against local KPIs.

In the near future, we will be implementing further measures such as:

- Submitting our Science Based Targets to the Science Based Targets Initiative for validation.
- Setting our own internal carbon price, for greater clarity on carbon savings
- Our current electrical energy provision consists of 98% 'renewable energy, we will be extending this, so that we only utilise '100 %renewable electrical energy'
- Introducing paperless offices
- Increased utilisation of supplier take back schemes for packaging waste
- Extending our Zero waste to landfill accreditation for 100% of our office portfolio
- Implementing contractual obligations in relevant value chain contracts to include alignment or exceeding TCS corporate environmental sustainability targets.
- Implementing Green property lease requirements to include operational efficiency
- Increasing installation of electric vehicle charging points
- Creating Sustainable travel plans

Scope 3 reporting – Please see table A

Table A

Scope 3 Category FY 23	Emissions	Notes
Purchased goods and services	551 t/CO ₂ e	
Capital goods	773 t/CO ₂ e	
Fuel-and-energy-related activities (not included in Scope 1 or 2)	1,352 t/CO ₂ e	
Upstream Transportation and Distribution	100 t/CO ₂ e	
Waste Generated in Operations	45 t/CO ₂ e	
Business Travel (domestic ground and air)	4470 t/CO ₂ e	
Employee Commuting (including home working)	11,703 t/CO ₂ e	
Downstream Transportation and Distribution	0.00 Not applicable	This category includes emissions generated from transporting and distributing sold products. TCS do not make or distribute products, we are a services company.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁴.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Amit Kapur

Country Manager TCS UK

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Date: 15.08.2024

³ <https://ghgprotocol.org/corporate-standard>

⁴ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁵ <https://ghgprotocol.org/standards/scope-3-standard>