



CARBON REDUCTION PLAN

FY2023-24



COMMITMENT TO ACHIEVING NET ZERO

Wipro Limited is committed to achieving Net Zero emissions by 2040.

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.

[Additional Details Relating to the Baseline Emissions Calculations](#)

We are one of the first 7 companies globally to have Net Zero goals validated against the Net Zero standard from SBTi (Science Based Targets Initiative) aligned with the objectives of the Paris agreement to limit temperature rise to 1.5 degree Celsius. Our focus is on direct decarbonization approaches. We adhere to the Greenhouse Gas Protocol Corporate Standard. DEFRA conversion factors were used to determine emissions. Where stated, we reported "location-based" emissions in accordance with the GHG Protocol.

Over the years, we have developed a comprehensive inventory of our GHG emissions across our value chain. Our participation in the Carbon Disclosure Project (CDP) Climate Change Investor and Supply Chain modules for over 15 years has greatly aided in this process.

The source of our Scope 1, 2, and 3 emissions are as shared below:

- Scope 1 emissions primarily stem from fuel use in backup generators, natural gas consumption and refrigerant leakage at our facilities.
- Scope 2 emissions are caused predominantly due to the purchased electricity consumption of facilities under our operational control (as per the GHG Protocol)
- Scope 3 emissions arise from various sources within our value chain. These include upstream fuel and energy, employee commute, business travel, purchased goods and services, upstream and downstream leased assets, and waste emissions. It forms around 80% of our total emissions.

The baseline emissions are given below:

Baseline Year Emissions

EMISSIONS	TOTAL (tCO2e)
Scope 1	16,046
Scope 2	1,79,407
Scope 3	2,81,213
Total Emissions	476,666

Note: Baseline – Scope 1&2: 2017, Scope 3: 2020 – these numbers only include the SBTi approved top 3 categories

Current Emissions Reporting

For details, please refer to the [Wipro ESG Dashboard](#) on our website:

Reporting Year Emissions: FY 2023-24

EMISSIONS	TOTAL (tCO2e)	
Scope 1	Fuel	2,653
	Refrigerant	3,863
	Total	6,515
Scope 2 (Electricity -Location Based)	32,413	
Scope 3 (All categories)	1,72,188	
Included Sources	Business Travel	36,227
	Employee Commute	26,147
	Upstream Fuel and Energy emissions	53,843
	Downstream Transportation and Distribution	1,234
	Waste Generated in Operations	76
	Work From Home Emissions	18,230

	Purchased goods / services	33,968
	Upstream Leased Assets	2,462
	Total	1,72,188
Total Emissions	211,116	

Emissions Reduction Targets

Wipro commits to reach net-zero greenhouse gas emissions across the value chain by 2040.

The following are our interim goals for 2030:

- **Near-term Targets:** By 2030, reduce Scope 1 and 2 emissions by 59% from our 2017 baseline (amounting to 80,135 tCO₂e) and Scope 3 emissions in 3 categories by 55% from our 2020 baseline (amounting to 126,546 tCO₂).
- **Long-term Targets** Wipro also commits to reduce absolute Scopes 1 and 2 emissions 100% by FY2040 from a FY2017 base year,* and absolute Scope 3 GHG emissions 100% by FY2040 from a FY2020 base year.
*The target boundary includes land-related emissions and removals from bioenergy feedstocks.
- Wipro aims at strengthening customer stewardship by 2030 by reducing the delivery footprint of the top 25 accounts by 50% in terms of Scope 1, 2, and 3 GHG emissions.
- We plan to transition to 100% renewable energy across all facilities under our ownership and operational control by 2030.
- To ensure energy efficiency, our benchmark target is an Energy Performance Index (EPI) of below 80 units/sq m per annum at full occupancy for all our new campuses.

Carbon Reduction Projects

Our Net Zero Progress

Following is the progress on our SBTi targets. We are ahead of our targets in reducing Scope 1, 2 and 3 GHG emissions.

Emissions	Baseline	2024	Reduction in %
Scope 1	16,046	6,515	59%

Scope 2	1,79,407	32,413	82%
Scope 3	2,81,213	116,217	59%

Our Carbon Reduction Strategy

- **Carbon Accounting and Management:** We have a rigorous carbon accounting and management program to manage our carbon footprint. Addressing GHG emissions is one of the critical components of our sustainability strategy. Our approach to reducing Scope 1 and 2 GHG emissions has primarily focused on decarbonization—reducing or eliminating greenhouse gases from our operations through transitioning to renewable energy and enhancing energy efficiency. Our carbon inventory and reduction plans are as per ISO14064.
- **GHG Mitigation Strategy for Scopes 1 and 2:** It consists of two key elements – Energy Efficiency (Reduce) and Transition to Renewable Energy (RE)

- **Energy Management and Efficiency:** When designing our new facilities, we prioritize optimizing overall performance, focusing on both efficiency and user experience. Our benchmark target is an Energy Performance Index (EPI) of below 80 units/sq m per annum at full occupancy for our new buildings. The new buildings also use rotary UPS instead of UPS batteries. This eliminates the environmental impact associated with battery manufacturing and disposal.

For our older campuses, we have implemented various measures to improve energy efficiency. Some of these include:

- Retrofit technologies to improve Chiller and Air Handling Units (AHUs)
- UPS optimization
- Integrated design, bringing together the architectural concept, building physics, envelope design, MEP design etc. to achieve energy efficiency
- Monitoring platforms, such as the Global Energy Command Centre (GECC). Our GECC platform integrates Building Management System (BMS) inputs on a common platform. This helps to optimize operational control and improve energy efficiency. The platform connects to individual IoT-enabled devices and sensors that can run subsystems optimally and uses the data to ensure the systems function as per the designed efficiency. Approximately 15.2 million sq ft across India are connected to the BMS, contributing to 68% of total office space. As of date, 4.6 million units per annum of electricity have been saved on a cumulative basis since FY18. The net resultant savings was INR 38.6 million per annum.

Our campus buildings are designed in alignment with green building standards. We have **36 LEED certified buildings**. In addition, we have adopted **ISO 50001 EMS** across three of our campuses (Kodathi, Chennai, and Sarjapur. This accounts for 35% of the total operational office space).

- **Transition to Renewable Energy:** Wipro currently powers 76% of its facilities with renewables. This helps in avoiding CO2 emissions by over 101,002 tons. Early investments in RE and sustainable building design have helped us exceed our renewable energy targets. RE contributed to approximately 148 million kWh or 76% of our total India energy consumption. We have started investments in Group Captive. This will help us accelerate our Renewable Energy footprint significantly.

- GHG Mitigation Strategy for Scope 3

- *Upstream Fuel and Energy* – Upstream fuel and energy emissions refers to the emissions that result from the generation, transportation and distribution of energy. Energy from fossil fuels results in higher upstream fuel and energy emissions. Transition to renewable energy significantly reduces the upstream fuel and energy emissions. Hence, in transitioning to renewable energy and investing in energy-efficient technologies across our operations, we aim to reduce our emissions in this category. Additionally, we are collaborating with suppliers to encourage sustainable practices and technologies, such as reducing reliance on fossil fuels and implementing emission-reduction strategies
- *Business Travel* – As travel picks up after the COVID-19 pandemic, new strategies need to be instituted to achieve a reduction in high-carbon travel. We are looking to address this through the measures listed below:
 - Alternate modes of travel, such as trains and buses, wherever possible, especially in specific regions in India and the EU
 - Employee awareness programs and incentives
 - Focused awareness building in our top delivery accounts to promote voluntary low-carbon travel choice
- *Employee Commute* - Our multi-pronged approach to address this includes the more conscious adoption of low-footprint choices such as hybrid work models, public transport, and carpooling. We are also exploring strategies to incentivize transition to hybrid and EV vehicles. We were the first major Indian business to join EV100, a global initiative by the Climate Group to promote electric mobility. Our commitment is to transition our entire global fleet (not including employee-owned vehicles) to electric vehicles (EVs) by 2030. Currently, we have formal EV contracts in Bengaluru, Hyderabad, and Kochi. Notably, our Kochi campus has already achieved 100% EV deployment.
- *Purchased Goods and Services*: We actively engage our suppliers through the CDP supply chain platform, being the first India-based company to use this platform formally and actively. We have also launched the Wipro Initiative for Supplier Engagement (WISE) program to work with our suppliers on measuring emissions and setting reduction targets. In addition, we work with our hardware procurement and indirect services suppliers to reduce energy consumption and GHG emissions among other environmental and social commitments. We have received the prestigious **EPEAT** (Electronic Product Environmental Assessment Tool) award for excellence in sustainable procurement consecutively for the seventh time.

Climate Advocacy

We are part of the advisory groups of industry bodies like CII's Climate Change Council. We participate in leading global industry forums like the World Economic Forum (WEF) CEO Climate

Alliance, IFRS Sustainability Alliance, and Business for Nature. In 2020, we joined the ‘Transform to Net Zero’ coalition as one of 10 founding members. This cross-sector initiative aims to accelerate the transition to net zero with a goal for the world’s 1,000 largest companies to have net zero targets backed by transformation plans. We realize it by helping clients turn sustainability ambition into action. In addition, Wipro is actively contributing to the publication of a series of transformation guides and participation in its working groups. (<https://transformtonetzero.org/>)

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.

GHG Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol Corporate Standard¹. The appropriate government emission conversion factors for greenhouse gas company reporting² have been used.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements. 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) Standard¹⁵.

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:



Narayan P S (Sep 16, 2024 17:26 GMT+5.5)

Date: ...

Narayan P S

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting> ¹⁵
<https://ghgprotocol.org/standards/scope-3-standard>



About Wipro Limited

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading technology services and consulting company focused on building innovative solutions that address clients' most complex digital transformation needs. Leveraging our holistic portfolio of capabilities in consulting, design, engineering, and operations, we help clients realize their boldest ambitions and build future-ready, sustainable businesses. With 250,000 employees and business partners across more than 60 countries, we deliver on the promise of helping our clients, colleagues, and communities thrive in an ever-changing world.

