

# Carbon Reduction Plan

**Supplier name:** Fujitsu Services Limited (part of the Fujitsu Group)

**Publication date:** 15 September 2021

## Commitment to achieving Net Zero

Fujitsu is committed to achieving Net Zero emissions across the global Fujitsu Group by 2050.

## 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.*

<b>Baseline Year:</b> 2013	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>Fujitsu has been focused on the reduction of emissions for many years. Our first global Environmental Report was published in 1996 and, since then, we have been continuously reporting on and progressing against our defined targets. We set intentionally challenging targets in order to track long-term annual and holistic progress.</p> <p>This early reporting history has enabled us to use 2013 as the baseline against which we demonstrate progress and track our most recent emissions.</p> <p>Given our success and on-going strategies for Scope 1 and 2 emissions, reporting on Scope 3 emissions are now a considerable focus area for Fujitsu.</p>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	9,461

<b>Scope 2</b>	0
<b>Scope 3 (Included Sources)</b>	Category 3 = 424 Category 5 = 622 Category 6 = 10,481  TOTAL: 11,527
<b>Total Emissions</b>	20,988

## Current Emissions Reporting

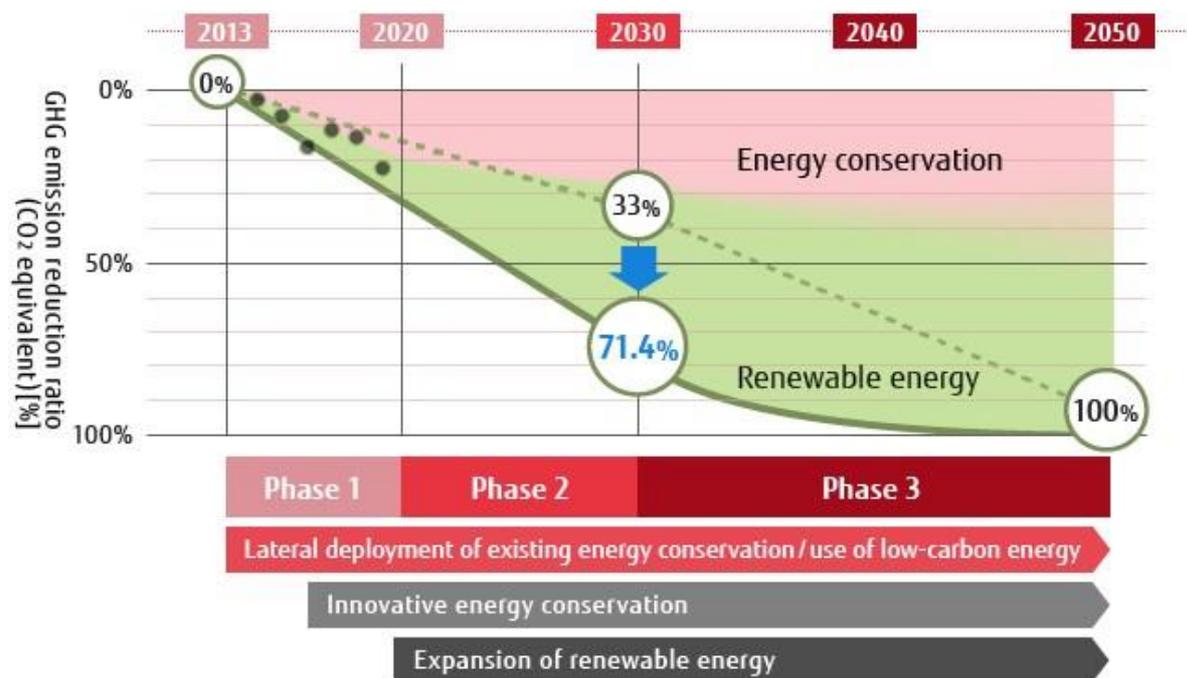
<b>Reporting Year: 2020/21</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	3,087
<b>Scope 2</b>	0
<b>Scope 3 (Included Sources)</b>	Category 3 = 284 Category 5 = 68 Category 6 = 1070  TOTAL: 1,422
<b>Total Emissions</b>	4,509

## Emissions reduction targets

In 2017, Fujitsu shared the “Fujitsu Climate and Energy Vision” - a medium to long-term environmental vision with the goal of bringing the entire Fujitsu Group’s CO<sub>2</sub> emissions to zero by 2050. Within the Fujitsu Climate and Energy Vision, we also commit to contributing to a decarbonised society and helping the world adapt to climate change through the provision of technologies and digital services.

To achieve our ambition of reaching net zero by 2050, the Fujitsu Group devised a roadmap with three phases (detailed below). This roadmap was certified at 1.5°C by the Science Based Targets initiative (SBTi) that recommend setting scientifically consistent targets.

In 2021, to contribute more aggressively to the resolution of environmental issues, Fujitsu revised its 2030 emissions reduction targets for its business sites from 33% to 71.4% below FY 2013 levels. On April 15, 2021, these were validated as 1.5 °C-aligned targets by the Science Based Targets initiative.



**Phase 1 - Up to 2020 (completed):** consisted of energy conservation, deploying technologies that already exist and verifying new energy conservation technologies, including proactively implementing renewable energy.

**Phase 2 - Up to 2030 (on-going):** is now under way and sees the Fujitsu Group transition to Artificial Intelligence (AI) and Zero Energy Buildings (ZEB) to accelerate the reduction of emissions.

**Phase 3 - Post 2030 (future):** will focus on accelerating implementation of increasingly easy-to-use renewable energy, while supplementing with offsets from carbon credits. We will deploy innovative energy conservation technologies and shift away from carbon.

In the UK, we have made good progress to contribute to these global targets and already switched to 100% renewable energy. We have the following carbon reduction targets and plans:

### Energy and Emissions

- Maintain the UK position of 100% renewable energy (gas Scope 1 and electricity Scope 2) and look to include Ireland.
- Explore opportunities to switch heating from gas to either electric or other renewable sources of heat. This will impact the UK as a whole due to the limited amount of renewable gas available. If Fujitsu is not buying and using this, it will be available for others to use.
- Replace diesel with biofuels for our back-up generators.

- Explore and, where technically and financially viable, implement large scale onsite or near-site behind the meter renewable energy. This would be adding additionality to the UK electricity system with regards to renewables.
- Promote ways in which emissions may be reduced through local preservation of biodiversity plans e.g. areas of grounds left to wildflower meadows.

### **Company Vehicles and Commuting**

- Continue to incentivise employees to consider low emission vehicles in their choices and devise a plan to transform the fleet by financial year 2022/2023.
- Explore ways of capturing data to support employee commuting in order to reduce/offset - in keeping with other organisations, the Company has introduced flexible working and in view of the pandemic, a profile needs to be established together with ways in which to measure – explore during 2022/23.

### **Waste**

- Continue to reduce waste stream from offices and remain focussed on eradicating single use plastics.
- Expand waste stream for food waste from restaurants that was already introduced.

### **Awareness**

- Run active environmental awareness campaign internally throughout 2021.
- Re-launch environmental e-learning.
- Enhance internal communication sites using Yammer and SharePoint 365 to actively share information and engage employees in environmental initiatives.

Projections will be possible from financial year 2022 (April 2022 – March 2023) onwards. In view of the COVID-19 pandemic, some emissions are expected to increase year on year due to the reintroduction of business travel and office usage, both of which were suspended in line with government measures. In the interest of accurate and transparent reporting, this baseline will be re-established next year to ensure both forecasts and achievements are based on more accurate data.

## **Completed Carbon Reduction Initiatives**

The following environmental management measures and projects have been completed or implemented since the 2013 baseline.

The carbon emission reduction achieved by these schemes equate to 16,479 tCO<sub>2</sub>e, a 21%ge reduction against the 2013 baseline and the measures will be in effect when performing the contract.

Fujitsu has successfully completed a variety of carbon reduction initiatives which have contributed towards tackling climate change and creating a decarbonised society.

## **Environmental Management Measures**

- Our Sustainability Policy is compliant with ISO14001 and is assessed against this annually by both internal and external assessments.
- Our Energy Management programme, established in 2008, aims to improve efficiency and reduce energy demand.
- In April 2021 we were awarded "Platinum" by Ecovadis in recognition of our projects in this field.
- We received an "A" rating by CDP for water and climate change.

## **Procurement of Goods & Services**

- We procure goods & services based on environmental sustainability, consider environmental sustainability in our own procurement processes and promote best practice within our own supply chain.
- Key suppliers who are large enterprises must provide Fujitsu with annual reports on their greenhouse gas emissions as part of our supplier management processes. We encourage suppliers to improve emissions and identify the main reduction initiatives they are working on in these reports
- All new suppliers to Fujitsu within the UK must sign up to our Responsible Procurement Charter, which is based on the Responsible Business Alliance Code of Conduct. This requires all suppliers to comply with set principles and conduct their worldwide operations in a socially and environmentally responsible manner. The Charter includes a requirement to not only monitor greenhouse gas emissions, but to also identify ways to reduce them on an on-going basis.

## **Energy Consumption and Greenhouse Gas Emissions**

- Energy consumption and all relevant greenhouse gas emissions (both direct emissions from owned or controlled sources, and indirect emissions from the generation of purchased energy) are tracked and documented, at the facility and/or corporate level. We endeavor to look for cost-effective methods to improve energy efficiency and to minimize energy consumption and greenhouse gas emissions.
- Fujitsu UK moved to RGGO backed gas contracts from 2019/20.
- Incorporated energy saving measures including the introduction of free cooling, inverters and energy saving equipment within Fujitsu's energy saving measures goals, to reduce CO2 emissions.

## **Infrastructure and Technology**

- Invested in cooling infrastructure, including replacement of all IT space cooling units at our largest data centre, resulting in a continued fall in power usage effectiveness (PuE).
- Introduced a rolling programme to replace legacy Uninterruptable Power Supply (UPS) units, improving system energy efficiency from 75% to greater than 95%.
- Optimisation of cooling set points in IT spaces.
- Trialled innovative integration of conference room booking systems with HVAC controls to ensure unoccupied spaces are not heated or cooled unnecessarily (Solihull).

- Installed advanced air handling controls in our Manchester campus to take account of occupancy and actual CO2 levels. Resulted in a Green Apple award for innovation in 2015.
- Where possible there has been widespread adoption of air and water source heat pumps at all corporate sites.
- Adopted occupancy sensors and LED technology for all lighting requirements in new office space and refurbishments.
- Adopted LED technology and intelligent controls for external lighting at four large office complexes.

In the future we hope to implement further measures such as:

### **Company Fleet and commuting**

- Define a plan for company fleet to more specifically target emissions
- Develop a plan to measure commuting **Sites and Facilities**
- Increase the use of sustainable supply chain for facilities as per 2020 refit of London HQ building
- Build on our own sustainable refurbishment experiences by promoting to visiting organisations and taking a responsible role in scheduling discussions to share our learning and thinking as a case study **Energy and emissions**
- In line with Fujitsu Global aspirations, look at using renewable sources of power/fuel for our backup generators and maintain our usage of renewable electricity and gas.
- Install renewable heat and electricity sources on site or close to site with private wire access. This might include large scale PV, wind turbines, ground source heat pumps and other technologies as they become available. **Supply Chain**
- Work with key suppliers to measure the CO2 generated from transportation of goods and services being delivered to Fujitsu and our customers.
- Identify opportunities to reduce CO2 levels generated by those suppliers.

### **Offsetting**

- Prepare strategic plans to look at the best possible way to offset emissions in the event that eradication is not possible in all cases.

## Declaration and Sign Off

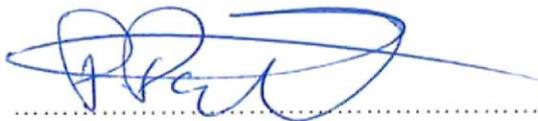
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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) Standard<sup>9</sup>.

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:



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Date: 15/09/21 .....

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

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting> <sup>9</sup>  
<https://ghgprotocol.org/standards/scope-3-standard>