

Carbon Reduction Plan

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

Publication date: 15 September 2022

Commitment to achieving Net Zero

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

Baseline Emissions Footprint

Baseline Year: 2013	
Additional Details relating to the Baseline Emissions calculations.	
<p>Fujitsu has been focused on the reduction of emissions for many years. Our first global Environmental Report was published in 1996; and the Fujitsu Group Environmental Action Plan : Fujitsu Global was first published in 1993. Since then, we have been continuously reporting on and progressing against our defined targets. We set intentionally challenging targets to track long-term annual and holistic progress.</p> <p>This early reporting history has enabled us in the UK 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 is now a considerable focus area for Fujitsu.</p>	
Baseline year emissions - UK: Please note Fujitsu purchases renewable electricity backed by REGO's. This affects the market-based Scope 2 & 3 reporting (scope 3 is transmission and indirect transmission and energy indirect).	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	9,461 (Market Based) 9,461 (Location Based)
Scope 2	0 (Market Based) 50,608 (Location Based)

Scope 3 (Included Sources)	11,527 (Market Based) 24,406 (Location Based)
Total Emissions	20,988 (Market Based) 84,475 (Location Based)

Current Emissions Reporting - UK

Reporting Year: 2021/22 Please note Fujitsu purchases renewable electricity backed by REGO's and Renewable gas backed by RGGO's. This affects market-based Scopes 1, 2 & 3 (scope 3 is transmission and indirect transmission and energy indirect).	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	3,188 (Market Based) 4,766 (Location Based)
Scope 2	0 (Market Based) 12,345 (Location Based)
Scope 3	2259 (Market Based) 6,777 (Location Based)
Total Emissions	5447 (Market Based) 23,888 (Location based)

In view of the COVID-19 pandemic, some emissions have, as expected, increased year on year due to the reintroduction of business travel and office usage, both of which were suspended in line with government measures. Hybrid working means that footfall fluctuates but remains lower than would have been seen with a return to pre-pandemic working and travel patterns; including any full time return to offices.

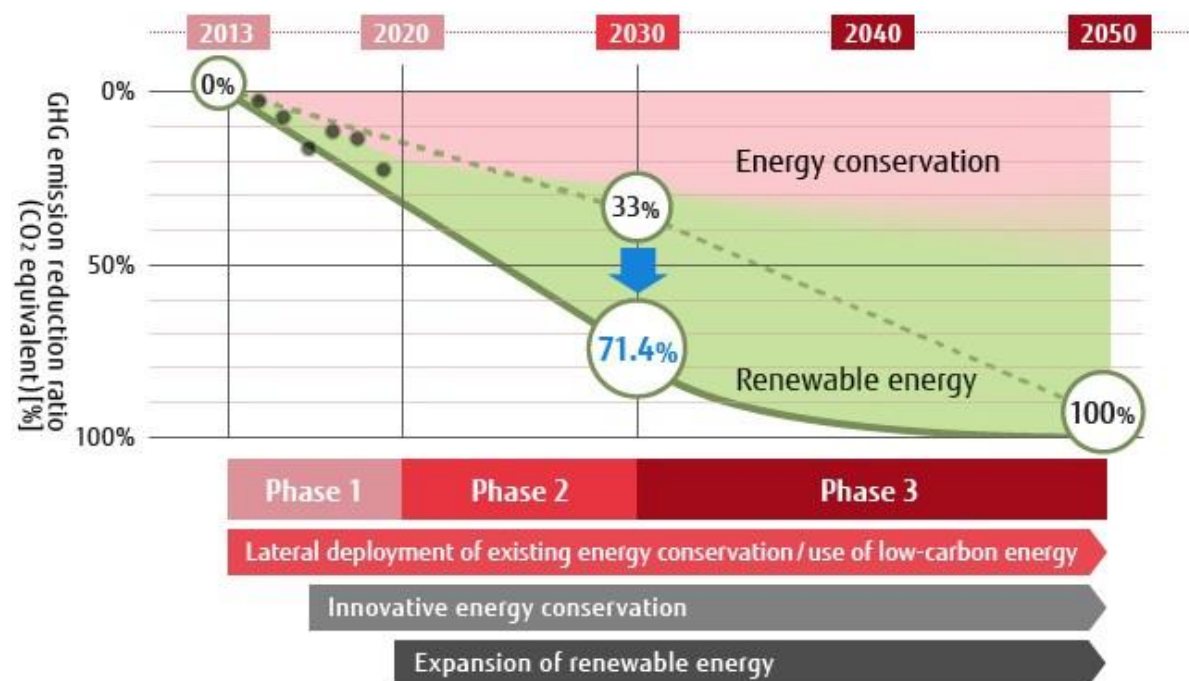
Emissions reduction targets

In 2017, Fujitsu shared the **Fujitsu Climate and Energy Vision** - a medium to long-term environmental vision with the goal of bringing the Fujitsu Group's global CO₂ emissions to zero by 2050. At the time, this vision was certified by the Science Based Targets initiative (SBTi) as 2.0°C aligned targets.

To achieve our ambition of reaching net zero by 2050, the Fujitsu Group devised a roadmap with three phases as detailed below.

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 and on April 15, 2021, these were validated as 1.5 °C aligned targets by the SBTi.

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.



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 that are specific to Fujitsu operations in the UK:

Energy and Emissions

- Maintain the UK position of 100% renewable energy (gas Scope 1 and electricity Scope 2) including Ireland for the sites where we purchase energy. In the interests of sustainability, we remain committed to this strategy regardless of increasing costs.
- Biodiversity initiatives remain a strong focus of achieving our targets and have been expanded at some sites. Our network of Green Team employee volunteers spearhead our environmental responsible business activities on a local site level in line with companywide campaigns. Therefore, should it be tree planting in the local community, litter picking with local schools, creating flowerbeds, building birdhouses or beekeeping on our sites, everyone is encouraged to make a difference where they can. As sites now have footfall, we have observed refreshed interest and increased membership of these Green Teams.
- Where a site has outdoor space a documented biodiversity plan is in place and updated at least quarterly.

Company Vehicles and Commuting

- As part of a cross-Europe initiative, we are now tracking the number of Electric Vehicles and Hybrids by country. In the UK we are working towards a target of 100% EVs by 2030.
- In preparation for the full move to EVs, we have reviewed and increased EV charge points at many key sites as part of an ongoing initiative.
- A pulse survey will be launched with questions to measure the amount of time spent working at home and commuting distances. Once launched, responses will be reviewed, and relevant measures and targets evaluated to increase our contribution to lowering carbon emissions.

Waste

- We continue to reduce the waste stream from offices and remain focussed on eradicating single use plastics. The waste stream for food waste from restaurants is now established and separate data for food waste is monitored. In parallel there is ongoing focus on food waste reduction from all restaurants.

Awareness

- Fujitsu's Purpose is 'To make the world more sustainable by building trust in society through innovation'. Sustainability is the cornerstone of the [Fujitsu Technology & Service Vision 2022 : Fujitsu Global](#).

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2013 UK baseline, which have contributed towards tackling climate change and creating a decarbonised society.

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 endeavour 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.

Environmental Management Measures

- Our mature, ISO 14001:2015 Europe Environmental Management System (EEMS) manages all environmental compliance, including environmental mandated policies and legislation across our UK business operations. This is assessed annually by both internal and external assessments.
- In July 2022 we were awarded Silver by EcoVadis.
- In December 2021 we received an A rating by CDP for water security and climate change.

Awareness

- We ran an active environmental awareness campaign internally from January to August 2022 focusing on a wide range of environment and sustainability topics, including a look back for comparison purposes, together with current and future initiatives.
- We re-launched our environmental e-learning in June 2022, and the completion rate is over 90%. We continue to promote this e-learning to ensure new employees complete it also.
- Our Environment Matters Yammer Site has been expanded from a UK only site to include all countries across Europe, to further encourage collaboration and learning.
- We have worked with strategic partners to promote accessible information and learning: [Fujitsu & ServiceNow - Our climate. Our change.](#)

Business Travel

- Our Work Your Way policy is firmly established as our new normal, impacting both employee commute and business travel. Employees have also told us that this has permanently changed expectations of working styles, helping productivity and individual wellbeing.
- We have introduced new guidelines on domestic and international travel to ensure they remain low without losing our focus on the need to collaborate, co-create, coach, or meet with customers or partners. We are also raising awareness of the impact of different modes of travel with employees at every opportunity.
- Where there is a need to travel, we are piloting offsetting all UK air travel in FY22/23.
- We are piloting the Near U app to enable employees to work in an office which is closer to their home in two locations, one North and one South. The app measures the impact this has on reducing our carbon footprint.

Company Vehicles

- We have recently signed a new contract with Arval, with Electric Vehicles at the heart of the offering. When launched to employees (FY22/23), the new scheme will encourage EV take up including facilitating mid-lease swaps from internal combustion vehicles into EVs at no cost to the employee; and offer an incentive to install home charging points.

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.
- To reduce paper usage within the procurement function, we have transitioned to the Electronic Signature and Agreement Cloud, DocuSign. Implementing DocuSign has enabled us to eliminate the need to print, fax, scan, mail and store paper documents. We have already saved 15 million sheets of paper, 607000 litres of water, 61 tonnes of CO2 and 5 tonnes of waste.

Infrastructure and Technology

- Through our Warrington warehouse, we implement a recycle policy prior to disposal of IT equipment – on behalf of our customers and internally. In 2021, over 74,000 items were processed – 38% were redeployed; 23% were remarketed; and 39% were disposed of. The volume disposed of has reduced from 63% in 2019. When disposed of, they are sent to a third party who breaks them down into recyclable materials.
- Our relocated London site reduces space and therefore carbon footprint to reflect the changing needs of the workforce due to our hybrid working model, and more widely promotes our sustainability values in line with our policy to consider sustainability credentials when selecting new sites. Most of the furniture was re-used and where this was not possible, a sustainable alternative was sourced. The flooring and carpets were taken up and will be re-used in other buildings as part of future refurbishment initiatives.
- In line with our property strategy and the Work Your Way model we have closed or mothballed several sites which were underutilised. This has led to significant energy reductions.
- At our largest UK data centre, we have invested in cooling infrastructure, including replacement of all IT space cooling units, resulting in increased energy efficiency.
- We have incorporated energy saving measures including the introduction of free cooling, inverters and energy saving equipment such as occupancy sensors and LED lighting technology in offices and external spaces to reduce CO2 emissions.
- The introduction of a rolling programme to replace legacy Uninterruptable Power Supply (UPS) units has improved system energy efficiency from 75% to greater than 95%.

- We have ensured optimisation of cooling set points in IT spaces.
- Innovative integration of conference room booking systems with HVAC controls has been trialled to ensure unoccupied spaces are not heated or cooled unnecessarily. Following this trial, we have devised smart solutions for the control of energy usage in meeting and conference rooms and will be installing these across our property portfolio in the coming years. These match actual bookings and occupancy, so energy is only used as needed and not wasted on empty spaces.
- Where possible there has been widespread adoption of air and water source heat pumps at all corporate sites.

Planned/Proposed Carbon Reduction Initiatives

In 2022/23 we have the following plans, which we will report on in our September 2023 update.

Metrics and visibility

- Implement an integrated dashboard to capture all environmental measures, creating clear visuals to raise awareness and make setting and tracking progress against targets much more user friendly. This in turn will make our progress transparent to colleagues across the workforce, highlighting our collective contribution.

Company Vehicles and commuting

- Launch the new company car scheme in FY22/23, with EV's at the heart of the offering.
- Monitor the take-up of EV's and review the offering to ensure we remain on track to meet the target of 100% EV by 2030.
- Launch the Working at Home/Commuting survey to all employees – all data will subsequently be recorded in Greenstone.

Sites and Facilities

- Continue to refurbish office space, specifically in our hub sites across the county. As an example, a further two floors of our Bracknell office will be fully stripped out and refurbished to include energy efficient lighting, HVAC and sustainable fabric.

Energy and emissions

- Explore opportunities to switch heating from gas to either electric or other renewable sources of heat. This will benefit the UK 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.
- Fujitsu has explored the potential use of Biofuels in our existing generator fleet. At the moment we have decided that the risks associated with using Biofuels in our existing fleet are too high. We are committed to using Biofuels in all future generators, making sure that all purchases of generators are such that they can reliably run on Biofuels.
- 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. During 2022 we are actively looking at five PV projects on four of our sites.

Supply Chain

- To achieve our sustainable supply chain goals and assist with our Scope 3 emissions measurement and reduction targets, we are in the process of sourcing a sustainable supply chain software solution. This will enable us to collect, manage, analyse, and report data across our supplier network and assist our supply base with their GHG emissions reporting. We are committed to working collaboratively with our suppliers to reduce carbon emissions and we will engage with our key suppliers to drive such reductions.

Declaration and Sign Off

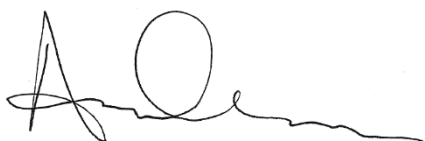
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:



Anwen Owen
Managing Director – Fujitsu UK

Date: 15 September 2022

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

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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