



Carbon Reduction Plan

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

Publication date: 15 September 2023

Commitment to achieving Net Zero : Fujitsu is committed to achieving Net Zero emissions across the global Fujitsu Group by 2040.

Baseline Emissions Footprint

Baseline Year: FY2020/21 (Apr20 – Mar21)

Additional Details relating to the Baseline Emissions calculations.

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](#) 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.

This early reporting history originally enabled us in the UK to use FY2013 as the baseline against which we demonstrate progress and track our most recent emissions – we now have a new baseline year of FY2020 in line with Fujitsu groups new SBTi targets.

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.

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 (tCO ₂ e)
Scope 1	4,606
Scope 2	14,892 or 434 (Market Based)

Scope 3 (Included Sources)	6,292
Total Emissions	25,790

Current Emissions Reporting - UK

Reporting Year: FY2022/23 (Apr22 – Mar23)	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	4057 this does not yet include refrigerants, these are planned to be included in FY2023
Scope 2	10,676 or 0 (Market Based)
Scope 3	<p>1 (purchased goods and services) – 5.75 (water), Fujitsu currently only measures Water in this category; however we have surveyed our main suppliers during FY22 and are cleansing data at the moment, we will publish category 1 in FY23 external reports.</p> <p>2 (capital goods) – Not currently relevant</p> <p>3 (fuel- and energy-related activities) – 3,198</p> <p>4 (upstream transportation and distribution) – planned to be reported in FY23</p> <p>5 (waste generated in operations) - 251</p> <p>6 (business travel) – 6,110</p> <p>7 (employee commuting) – 7,241.3 of which 2,045 is working at home</p> <p>8 (upstream leased assets) – 2,356</p> <p>9 (downstream transportation and distribution) – planned to be reported in FY23</p> <p>10 (processing of sold products)</p> <p>11 (use of sold products)</p> <p>12 (end-of-life treatment of sold products) Other parts of the business outside the UK report categories 10 – 12, not currently relevant to UK services business</p> <p>13 (downstream leased assets) - Not relevant</p> <p>14 (franchises) – Not relevant</p> <p>15 (investments) - Not relevant</p> <p>19,162</p>
Total Emissions	33,895

Our global baseline year is now FY2020, which due to the COVID-19 pandemic was our lowest year for emissions in the UK. Some emissions have, as expected, increased year on year due to the reintroduction of business travel and office usage post-pandemic. Hybrid working means that

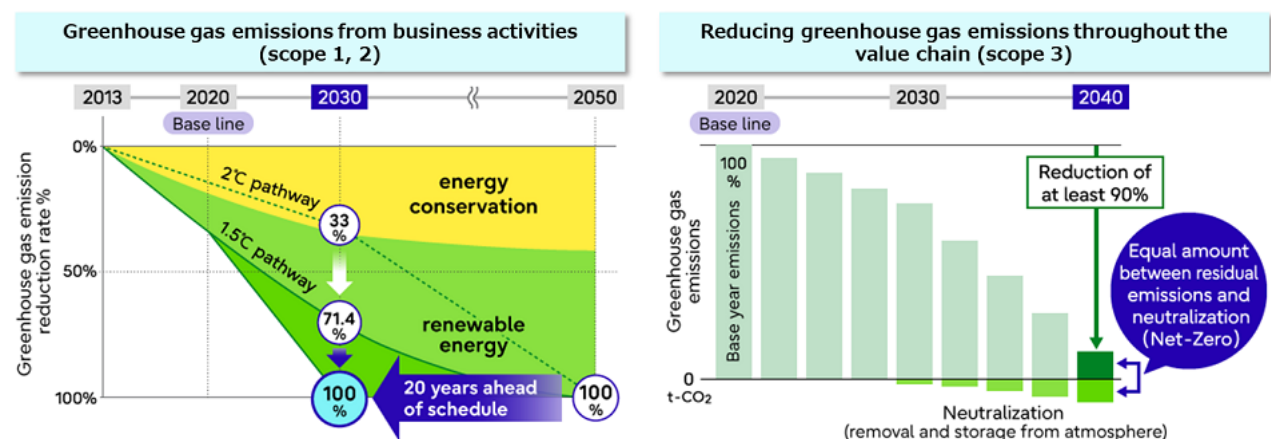
footfall fluctuates but remains lower than would have been seen previously. In addition, to reflect these changes and as part of our continuing journey towards mapping all our emissions we have included homeworking; commuting; and hotel data in 2022/23. This accounts for the increase in overall emissions from 2021/22. In 2023/24 we will add in Supplier Emissions Data.

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.

In April 2021, the SBTi certified Fujitsu's GHG emissions reduction target as 1.5 °C -aligned. At the same time, Fujitsu raised its GHG (Scope 1 & 2) emissions reduction target for 2030 from a 33% reduction compared to 2013 to a 71.4% reduction. In June 2023, Fujitsu obtained Net-Zero Target certification from SBTi to achieve decarbonization in 2040 compared to a base year of 2020.

To accelerate its journey to carbon neutrality, Fujitsu has now set 2030 as its new goal to reduce its carbon emissions to zero, which is twenty years ahead of the previous schedule. In addition, Fujitsu aims to achieve net zero greenhouse gas emissions in its entire value chain (scope 3), including the supply chain, by 2040.



Fujitsu's roadmap toward carbon neutrality

The "Fujitsu Group Environmental Action Plan (Stage XI)," outlines the Group's efforts to achieve carbon neutrality and contribute to the resolution of environmental and societal issues. Each country then sets local targets to ensure we are contributing towards the achievement of Fujitsu's Global Goals. For 2023/24 in the UK these are :

- Reduce GHG Emissions at sites by half of the base year level by end of fiscal year 2025.
- Establish a method for measuring supplier emissions by 2025. Once established, plans to work with suppliers to support reduction will be developed.
- Continue to focus on water reduction – the UK have previously made significant progress but the intention is to keep this topical by reporting use on a quarterly basis.
- Continue to measure and report waste volumes in order to reduce waste from Offices.
- Continue to promote and raise awareness of biodiversity at sites with outdoor space; and identify a method to measure the volume and variety of species.
- Manage a fleet of 100% Electric company cars by 2030.

For more detail on the UK's journey on carbon reduction, please see our [Responsible Business Report](#).

Completed Carbon Reduction Initiatives

In line with our new FY2020 baseline, we have removed the previously completed projects – for further details on these please refer to our previous submissions.

Energy Consumption and Greenhouse Gas Emissions

- Maintain the UK position of 100% renewable energy (gas Scope 1 and electricity Scope 2) for the sites where we purchase energy. In the interests of sustainability, we remain committed to this strategy regardless of increasing costs.

Waste

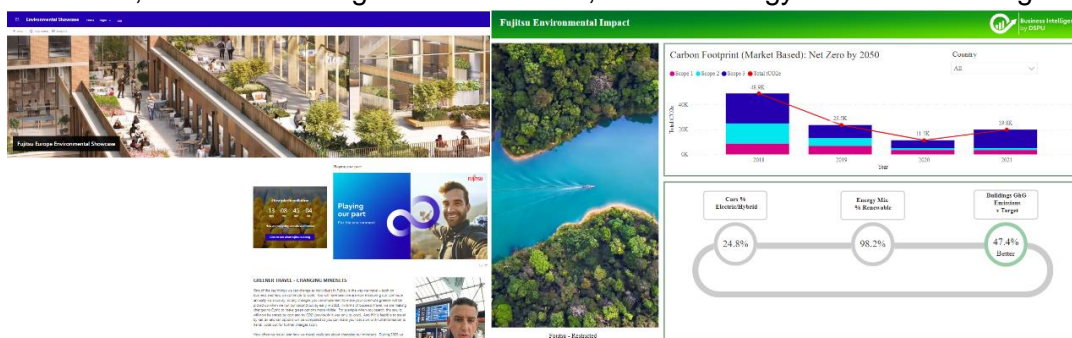
- We continue to reduce the waste stream from offices and remain focussed on eradicating single use plastics. The waste stream for food waste from restaurants is now established and separate data for food waste is monitored. In parallel there is ongoing focus on food waste reduction from all restaurants.

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 2023 Fujitsu Group were awarded Silver by EcoVadis & we continue to maintain our CDP A rating for water security and climate change.

Awareness

- We re-launched our environmental e-learning in June 2022, and the completion rate is over 95%. We continue to promote this e-learning to ensure new employees complete it also. In light of our new targets the content will be reviewed in 2023/4.
- In 2023 we launched a suite of new intranet sites to raise awareness, including a Dashboard of metrics, a Showcase of good news stories, and an Energy Matters knowledge base.



- Externally we launched [Playing Our Part](#), a story book to share environmental facts with both employees and customers/partners.

- We have launched an option for employees to offset their personal emissions using our partner Gold Standard.

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.
- In 2023 we launched an annual survey to all UK employees, asking about their Commuting. We will track progress as we seek reductions on this figure and look for further opportunities to impact it.
- We have made changes to our travel booking system to better highlight emissions to employees when making decisions about travel.
- We have continued to improve our Microsoft collaboration tools to better facilitate remote working internally and externally to further reduce travel.
- Where there is a need to travel, we are offsetting UK air travel.
- Following a successful pilot, we have launched the Near U app to enable employees to work or meet in a serviced office location if there no local Fujitsu office. The app measures the impact this has on reducing our carbon footprint through reduced business travel.

Company Vehicles

- In January 2023 we launched our new company car offering in partnership with Arval. The new scheme encourages EV take up including facilitating mid-lease swaps from internal combustion vehicles into EVs at no cost to the employee; and an incentive to install home charging points. The uptake has been excellent, with an increase of over 300% to date.

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.
- 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. 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 achieve our sustainable supply chain goals and assist with our Scope 3 emissions measurement and reduction targets, we have in 2023 piloted Greenstone SupplierPortal with 400 UK suppliers. This has enabled us to collect data across a sample of our supplier network. We are currently considering what the data tells us, how to report it and whether to expand on the pilot.

Biodiversity

- 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. At our Stevenage site we have a Hedgehog Sanctuary for injured hogs who can no longer live in the wild, which in turn is used to raise awareness of this declining

species. 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.

Infrastructure and Technology

- **Equipment recycling**

Through our Warrington warehouse, we implement a recycle policy prior to disposal of IT equipment – on behalf of our customers and internally. In 2022, over 85,000 items were processed – 50% were redeployed; 20% were remarketed; and 30% were disposed of. The volume disposed of has reduced from 63% in 2019 and there has been a marked shift towards more redeployed particularly in the past year. When disposed of, they are sent to a third party who breaks them down into recyclable materials.

- **Bracknell office space consolidation and refurbishment**

We have recently refurbished a couple of floors at our Bracknell office. This has brought users from 4 functions together in one space - previously spread across various parts of the building, each with an allocated desk. Now people are consolidated into shared spaces, with hot desks and relaxed meeting/break-out spaces encouraging a more collaborative environment. This in turn delivers significant energy and thus carbon savings by allowing us to reduce the areas we previously had fully operational, i.e. heating, cooling, lighting, vending machines etc for a handful of people and often many empty desks.

- **Pilot to change Stevenage datacentre tech hall – LED lighting**

The existing lighting solution at our Stevenage Datacentre, Datahall 1 was based on T26 fluorescent lamp technology. Although reasonably efficient the lamp and gear technology is becoming more and more out dated and obsolete. Replacing the existing luminaires now with the latest LED technology alternatives means the lighting quality can be maintained whilst improving energy efficiency and longevity. In 2022, 99x FT 1/58W T16 LDE were replaced by 66x Tecton C LED5500-840 WB LDE, making the following savings in energy and cost.



- **Thurrock DC – fan optimization – 120Kw demand reduction**

We have upgraded the cooling system used at our Thurrock Datacentre. We have upgraded the fans to allow for a variable speed and significantly lower speeds, while also adjusting the amount of time the fans need to run for. This has led to an hourly reduction of 122kW which equates to about 28.4 kg CO₂e per hour - a saving of 244 tonnes of CO₂e per year. There is expected to be further improvements from this work as the supply air temperature is lower and more consistent which will allow us to increase the temperature in the data hall leading to further savings in CO₂e.

Planned/Proposed Carbon Reduction Initiatives

In 2023/24 we have the following plans, which we will report on in our September 2024 update.

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](#). Our Purpose has also been identified via our Employee Engagement survey as an area to focus on. A team exercise to better link employee roles with our purpose has been launched and the aim is to improve people's affiliation with our purpose.
- In 2023 we trained 10 Climate Fresk facilitators in the UK. Climate Fresk is an interactive team activity to improve knowledge on climate change from cause to effect. We will be offering this workshop to all employees during 2023/24. It results in individual and team action plans on how we can all make a difference.

Sites and Facilities

- Following the success of our recently relocated London site, we continue to implement our property strategy using environmental decision factors matching space to actual needs at two further sites, one of which will have no gas on site. We will also continue with the refurbishing of our Bracknell office – the ground floor is this years focus while we also consolidate everyone from another office in the town into one building. This in turn will save space and energy.
- The lighting will be replaced in all our tech halls, to further benefit from the savings highlighted above. The new cooling system and fan optimisation at Thurrock will be mirrored at our Stevenage datacentre.

Energy and emissions

- 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 2023 we are actively working on three PV projects on three of our sites, for example car ports with solar panels on a car park.
- We are beginning to explore large scale corporate PPA. This is a medium to long term project that would look to better match our energy needs to renewable available at the time of consumption.
- 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.

Supply Chain

- Once we have fully analysed the data from our SupplierPortal we will decide how best to record that data; and how to build on the pilot to record more data in future. We will use the data to work with our suppliers to collaborate on our joint goals to reach net zero.

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:

A handwritten signature in black ink, appearing to read 'Anwen Owen', with a long horizontal flourish extending to the right.

Anwen Owen
Managing Director – Fujitsu UK

Date: 15/9/2023

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>