



# Carbon Reduction Plan

Equans UK & Ireland

July 2023







## 1. EQUANS CARBON REDUCTION PLAN

This Carbon Reduction Plan reports Equans UK & Ireland's (Equans) progress towards achieving net zero greenhouse gas emissions from its baseline, set in 2019. It reports annual greenhouse gas emissions and the steps we shall put in place to achieve net zero.

This document was produced in response to Policy Procurement Note (PPN) 06/21: Taking account of Carbon Reduction Plans in the procurement of major government contracts<sup>1</sup> and NHS England's Net Zero Supplier Roadmap<sup>2</sup>.

This Carbon Reduction Plan covers all Equans entities, reporting the total UK emissions as well as each entity's emissions separately. The commitments in this plan are supported by all entities within Equans UK.

## 2. COMMITMENT TO ACHIEVING NET ZERO

Equans is fully committed to achieving net zero for Scope 1 and 2 emissions by 2030 and across all scopes by 2045. This supports the UK Government's commitment for the UK to achieve net zero by 2050 under the Climate Change Act 2008, as amended.

Equans is dedicated to obtaining validation for our Science Based Target (SBTi). Presently, we are in the process of formulating an emission reduction target based on scientific principles and in alignment with SBTi's criteria. We submitted our intention in 2022, and we are fully committed to setting the most ambitious goal possible.

Our commitment to net zero has two milestones:

- Net zero carbon emissions by 2030 for our scope 1 and 2 emissions including from our offices, fleet, and direct emissions on operational and construction sites; and
- Net Zero carbon emissions by 2045 across all scope 3 emissions.

## 3. BASELINE EMISSIONS FOOTPRINT

Equans emissions are calculated in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) using the appropriate conversion factors published by the Department for Energy Security and Net Zero<sup>3</sup>. This ensures our data includes the emissions from the seven greenhouse gases (GHG) named by the Kyoto Protocol.

Our emissions data is reported in line with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard<sup>4</sup>, and Corporate Value Chain (Scope 3) Standard<sup>5</sup>, using the 'Operational Control' approach.

<sup>1</sup> <https://www.gov.uk/government/publications/procurement-policy-note-0621-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts>

<sup>2</sup> <https://www.england.nhs.uk/greenemhs/get-involved/suppliers/>

<sup>3</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>4</sup> <https://ghgprotocol.org/corporate-standard>

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



## 4. BASELINE

**Baseline Year:** 2019

### Additional details relating to the Baseline Emissions calculations:

We use a 2019 baseline to monitor our progress towards net zero. This covers the calendar year January 2019 to December 2019, which is also Equans' financial year. We continue to improve our carbon accounting methodology in line with best practice. We continue to ensure our carbon emission inventory accurately reflects any structural changes that affect the scope or boundary of our emissions. Following such events, we recalculate our baseline to ensure we apply a consistent approach to reflect our decarbonisation journey accurately and transparently.

Baseline year emissions:

EMISSIONS	TOTAL (tCO <sub>2</sub> e)	
Scope 1	Office and sites natural gas	1,281.5
	Vehicle fleet	11,452.1
	On site fuels	2,547.0
	<b>Total</b>	<b>15,280.6</b>
Scope 2	Offices and sites	1,771.8
	Vehicle fleet	9.6
	<b>Total</b>	<b>1,781.4</b>
Scope 3 (Included Sources)	Category 4 - Upstream transportation and distribution	13,175.5 (estimate)
	Category 5 - Waste generated in operations	1,224.5
	Category 6 - Business travel	4,290.4
	Category 7 - Employee commuting	31,924.3 (estimate)
	Category 9 - Downstream transportation and distribution	Negligible
	<b>Total</b>	<b>50,614.7</b>
<b>All</b>	<b>Total Emissions</b>	<b>67,676.8</b>

The apportionment of emissions to relevant entities based on annual revenue is captured below.

Equans bidding entity	Scope 1 (tCO <sub>2</sub> e)	Scope 2 (tCO <sub>2</sub> e)	Scope 3 (tCO <sub>2</sub> e)	Total (tCO <sub>2</sub> e)
Equans FM Ltd	1,289.6	78.9	4,620.1	5,988.6
Equans Services Ltd	3,513.2	284.1	16,627.0	20,424.4
Equans Buildings Ltd	154.2	40.4	2,365.4	2,560.0
Equans Regeneration Ltd	8,754.5	1,148.5	20,236.5	30,139.5
Other Equans Entities	1,569.2	229.4	6,765.7	8,564.3
<b>Total</b>	<b>15,280.6</b>	<b>1,781.4</b>	<b>50,614.7</b>	<b>67,676.8</b>

## 5. CURRENT EMISSIONS REPORTING

**Current Full Reporting Year**

**Reporting Year:** 2022

EMISSIONS	TOTAL (tCO <sub>2</sub> e)	
Scope 1	Office and sites natural gas	927.1
	Vehicle fleet	10,752.7
	On site fuels	1,676.4
	<b>Total</b>	<b>13,356.2</b>
Scope 2	Offices and sites	1,330.7
	Vehicle fleet	161.0
	<b>Total</b>	<b>1,491.8</b>
Scope 3 (Included Sources)	Category 4 - Upstream transportation and distribution	15,591.3 (estimate)
	Category 5 - Waste generated in operations	762.6
	Category 6 - Business travel	2,610.7
	Category 7 - Employee commuting	23,320.0 (estimate)
	Category 9 - Downstream transportation and distribution	Negligible
	<b>Total</b>	<b>42,284.6</b>
<b>All</b>	<b>Total Emissions</b>	<b>57,132.5</b>

The apportionment of emissions to bidding entities based on annual revenue is captured below.

Equans bidding entity	Scope 1 (tCO <sub>2</sub> e)	Scope 2 (tCO <sub>2</sub> e)	Scope 3 (tCO <sub>2</sub> e)	Total (tCO <sub>2</sub> e)
Equans FM Ltd	1,213.9	29.9	2,328.4	3,572.3
Equans Services Ltd	3,682.8	169.9	14,597.5	18,450.2
Equans Buildings Ltd	139.5	24.7	1,909.1	2,073.2
Equans Regeneration Ltd	7,763.7	1,188.1	19,005.9	27,957.7
Other Equans Entities	556.3	79.1	4,443.6	5,079.1
<b>Total</b>	<b>13,356.2</b>	<b>1,491.8</b>	<b>42,284.6</b>	<b>57,132.5</b>

## 6. EMISSIONS REDUCTION TARGETS

### 6.1 Target 1: Net Zero for Scope 1 and 2 by 2030

Our first milestone on our decarbonisation journey is to reach net zero carbon emissions by 2030 for our scopes 1 and 2 emissions, including our offices, vehicle fleet, and direct fuel consumption on operational and construction sites. Performance against this target can be seen in figure 1.

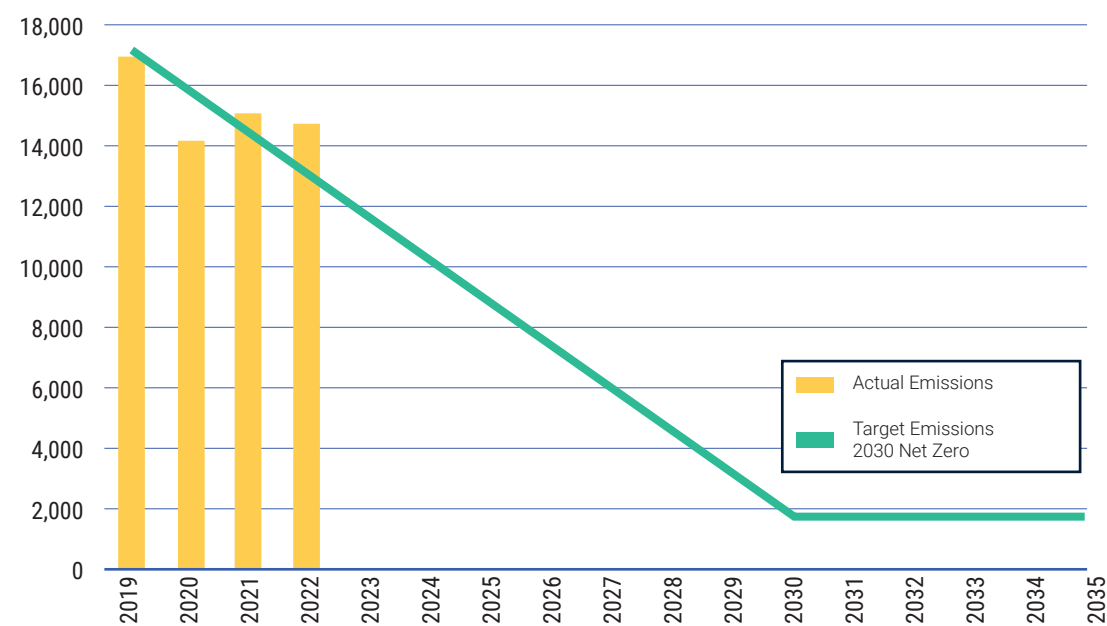


Figure 1 EQUANS UK & Ireland Scope 1 and 2 Carbon Emissions against Net Zero Target of 2030

### 6.1 Target 2: Net Zero for Scope 3 emissions by 2045

We are continuing to fully quantify our full scope 3 emissions inventory to allow robust interim target setting against our Scope 3 target of net zero by 2045.

## 7. CARBON REDUCTION PROJECTS

### 7.1 Our Approach

As an ISO 14001 certified organisation, environmental and energy management are integrated into our business management system and business processes, which governs our service delivery. Our latest performance can be found in our 2021 Responsible Business Report<sup>6</sup>.

Equans was awarded a Gold EcoVadis rating for 2023 and platinum Sustainable FM Index rating for 2022. The award is an independent endorsement that demonstrates our commitment to sustainability management and gives confidence to our current and future partners that Equans continues to lead the way in sustainability management and has the expertise and experience to add value to their performance.

### 7.2 Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline and will be in place when delivering our contracts:

- **Supporting Decarbonisation Innovation:** Since 2019 along with Innovate UK (an agency of UK Research & Innovation) we created the 'Clean Growth Innovation Fund', a £4m investor partnership bringing together public and private funding to support UK cleantech start-ups and SMEs in developing solutions that enable the decarbonisation of industry, buildings, and places. The fund has invested in two net zero carbon software specialists:

- Grid Edge's digital AI software empowers building operators to reduce their CO2e emissions, bring energy costs under control and improve building comfort. The software is already used by some landmark UK buildings, including the Bullring shopping centre and the Royal Opera House.
- OnGen's digital platform provides a technical and economic feasibility assessment to support the decarbonisation of buildings, campuses, and industry – quickly identifying opportunities to reduce costs and carbon emissions through embedded renewables and low carbon solutions.
- **Electrifying the Vehicle Fleet:** In 2022 we achieved the milestone of over 28% of our fleet being converted to EVs (equivalent to 950+ vehicles). This is being driven forward with our electric only company car list, and the rollout of electric vehicle charge points at our employees' homes. This helps not only reduce our corporate emissions but also supports our employees to reduce their personal emissions.
- **Greening Our Energy Supply:** In 2022 we continued our programme to transition offices and sites to renewable electricity tariffs. We have put in place a process that mandates all future electricity contract renewals are on a green electricity supply. For offices and sites where the landlord is in control of the supply, we are requesting that if not already, they switch to a green electricity contract.
- **Low Carbon Plant:** We are trialling low carbon plant on our sites, such as battery optimised generators, diesel-free eco-cabins and solar powered lighting and CCTV. We aim to rapidly move from trials to using low carbon site set ups as standard.
- **Supporting our Supply Chain Emissions to Quantify and Reduce Emissions:** We provide practical advice to our SME suppliers on decarbonisation through training initiatives such as the Supply Chain Sustainability School.
- **Sustainable Travel Policy:** our travel policy supports the use of public transport, challenges the need for flying, as well as promoting the use of technology to reduce the need to travel. This has reduced emissions from business travel.
- **Supporting Hybrid Working:** We have adopted a hybrid working policy, with many of our employees working at home part of the week, reducing commuting emissions. We have also expanded our travel survey to look at home working energy use to fully understand the impact on emissions.
- **Optimising Our Office Estate:** Hybrid working has also given us the opportunity to optimise our offices. We have moved to smaller and

more energy efficient offices in London and our Shared Services Centre in Newcastle. We are continuing to explore further office efficiency opportunities.

- **The Equans Tree Fund:** established in 2019, has had great success with our employees and partners planting over 7,500 trees across client and community sites.

### 7.3 Future Carbon Reduction Initiatives

We plan to implement the following measures:

- **Tyseley Energy Park:** Equans is part of a consortium, led by Gemserv, which has secured around £6.7 million from the Department for Business, Energy and Industrial Strategy (BEIS) to deliver the Tyseley Ammonia to Green Hydrogen Project, through the Net Zero Innovation Portfolio Low Carbon Hydrogen Supply 2 Competition. The project aims to design, build, commission, and operate the world's largest and most efficient ammonia to hydrogen conversion unit of its kind. The demonstration unit is based on innovative technology developed by H2SITE and is located at Tyseley Energy Park, a strategic energy and resource hub in the West Midlands.
- **Electrifying Our Sites:** We shall improve the process for installing temporary electricity supplies at our operational sites, to reduce the need for diesel generators.
- **Electrifying the Vehicle Fleet:** We shall continue to electrify our fleet with an aim to deliver zero tailpipe emissions by 2028.
- **Minimal Waste to Landfill:** We shall integrate low carbon, circular economy solutions in our supply chain, minimising waste to landfill and therefore achieving net zero carbon in all our scope 3 emissions by 2045.
- **Offsetting:** We are researching several offsetting solutions to compensate for residual emission sources that we are unable to immediately decarbonise, ensuring that offset schemes we utilise have robust, transparent validation schemes in place.
- **Alternative Fuels:** Our long-term strategy is to phase out fossil fuels in the delivery of our operations. During transition period, we are exploring the use of sustainably sourced biofuels. We are currently researching the use of green gas as a replacement for natural gas and Hydrotreated Vegetable Oil (HVO) as an alternative to diesel.
- **Biodiversity Strategy:** Optimise our Biodiversity Strategy to maximise the co benefits of ecological and carbon reduction management across our sites.

<sup>6</sup> <https://www.equans.co.uk/responsible-business>





## 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>7</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>8</sup>.

Scope 1 and 2 emissions have been reported in accordance with SECR requirements<sup>9</sup>, 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>10</sup>.

This Carbon Reduction Plan has been reviewed and approved by the board of directors at Equans UK & Ireland.

Signed for on behalf of Equans UK & Ireland

**Jean-Philippe Loiseau**  
CEO Equans UK & Ireland

<sup>7</sup> <https://ghgprotocol.org/corporate-standard>

<sup>8</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>9</sup> <https://www.gov.uk/government/publications/academy-trust-financial-management-good-practice-guides/streamlined-energy-and-carbon-reporting>

<sup>10</sup> <https://ghgprotocol.org/standards/scope-3-standard>



