



Carbon Reduction Plan

EQUANS UK & Ireland
Publication Date: September 2021



EQUANS CARBON REDUCTION PLAN

SCOPE

This Carbon Reduction Plan captures carbon emissions and reduction commitments from our services-led and regeneration activities of EQUANS UK & Ireland, including office and fleet emissions.

COMMITMENT TO ACHIEVING NET ZERO

EQUANS UK & Ireland is fully committed to achieving Net Zero emissions by 2045, consistent with the Government commitment to achieve net zero by 2050 under the Climate Change Act.

Our commitment includes an aim to achieve net zero carbon emissions by 2030 for our scopes 1 and 2 emissions from our offices, fleet, and direct consumption on operational sites for our FM Services Business (ENGIE Services Ltd), which delivers the majority of services to our Central Government customers.

Our district heating network and embedded gas generating activities are excluded from the scope of the 2030 commitment, however EQUANS is actively working to develop decarbonisation roadmaps for our existing heat networks and deliver more new low carbon heat networks by 2036.

We aim to achieve net zero carbon emissions in all our scope 3 emissions by 2045.

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.

Our UK business unit emissions are calculated in tonnes of carbon dioxide equivalent (CO₂e) using the appropriate conversion factors published by BEIS¹. Our emissions data is reporting in line with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard², and Corporate Value Chain (Scope 3) Standard³ under the 'Operational Control' approach. The allocation of carbon emissions has been determined using annualised revenue for each business entity.

Our Carbon Baseline includes our greenhouse gas (GHG) emissions from the seven GHG's named by the Kyoto Protocol:

- Carbon Dioxide (CO₂)
- Hydrofluorocarbons (HFCs)
- Methane (CH₄)
- Nitrous Oxide (N₂O)
- Nitrogen Trifluoride (NF₃)
- Perfluorocarbons (PFCs)
- Sulphur Hexafluoride (SF₆)

¹<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

² <https://ghgprotocol.org/corporate-standard>

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

1. Baseline

Baseline Year: 2019	
Additional details relating to the Baseline Emissions calculations:	
We have established a 2019 baseline to accurately reflect the emissions of our current organisational portfolio for scope and progress monitoring purposes.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO2e)
Scope 1	8,647.55
Scope 2	1,795.42
Scope 3 (Included Sources)	10,437.74 The following categories are included in our Scope 3 emission figures: Category 4 - Upstream transportation and distribution Category 5 - Waste generated in operations Category 6 - Business travel Category 7 - Employee commuting Category 9 - Downstream transportation and distribution
Total Emissions	20,880.71

The apportionment of emissions to entities based on 2019 annual revenue is captured below.

EQUANS ENTITY (existing or potential bidding entity)	Scope 1 (tCO2e)	Scope 2 (tCO2e)	Scope 3 (tCO2e)	Total (tCO2e)
ENGIE Services Ltd	1,545.32	320.84	1,865.22	3,731.38
ENGIE Regeneration Ltd	1,781.4	369.86	2,150.17	4,301.43
ENGIE Buildings Ltd	219.65	45.60	265.12	530.37
ENGIE FM Ltd	505.88	105.03	610.61	1,221.52
ENGIE Regeneration (Apollo) Ltd	198.89	41.29	240.07	480.25

CURRENT EMISSIONS REPORTING

1. Current Full Reporting Year

Reporting Year: 2020	
EMISSIONS	TOTAL (tCO2e)
Scope 1	7,133.34
Scope 2	1,609.99
Scope 3 (Included Sources)	6,434.78 Included sources as per 2019 baseline.
Total Emissions	15,178.11

The apportionment of emissions to entities based on 2020 annual revenue is captured below.

EQUANS ENTITY (existing or potential bidding entity)	Scope 1 (tCO2e)	Scope 2 (tCO2e)	Scope 3 (tCO2e)	Total (tCO2e)
ENGIE Services Ltd	1,819	410.55	1,640.87	3870.42
ENGIE Regeneration Ltd	1,738.40	392.35	1,568.16	3698.91
ENGIE Buildings Ltd	266.79	60.21	240.66	567.66
ENGIE FM Ltd	398.75	90	359.70	848.45
ENGIE Regeneration (Apollo) Ltd	125.55	28.34	113.25	267.14

EMISSIONS REDUCTION TARGETS

1. Targets to reduce our emissions

To continue our progress to achieving Net Zero in the UK, EQUANS is committed to net zero carbon emissions by 2030 for our scopes 1 and 2 emissions from our offices, fleet, and direct consumption on operational sites for our FM Services Business (ENGIE Services Ltd), which delivers the majority of services to our Central Government customers.

Our district heating network and embedded gas generating activities are excluded from the scope of the 2030 commitment, however EQUANS is actively working to develop decarbonisation roadmaps for our existing heat networks and deliver more new low carbon heat networks by 2036.

We are committed to integrating low carbon circular economy solutions in our supply chain, delivering zero avoidable waste by 2030 and therefore achieving net zero carbon emissions in all our scope 3 emissions by 2045.

We project that carbon emissions for all entities operating under EQUANS UK & Ireland will decrease to 10,909 tCO2e by 2025. This is a reduction of 52%.

Progress against these targets can be seen in the graphs below.

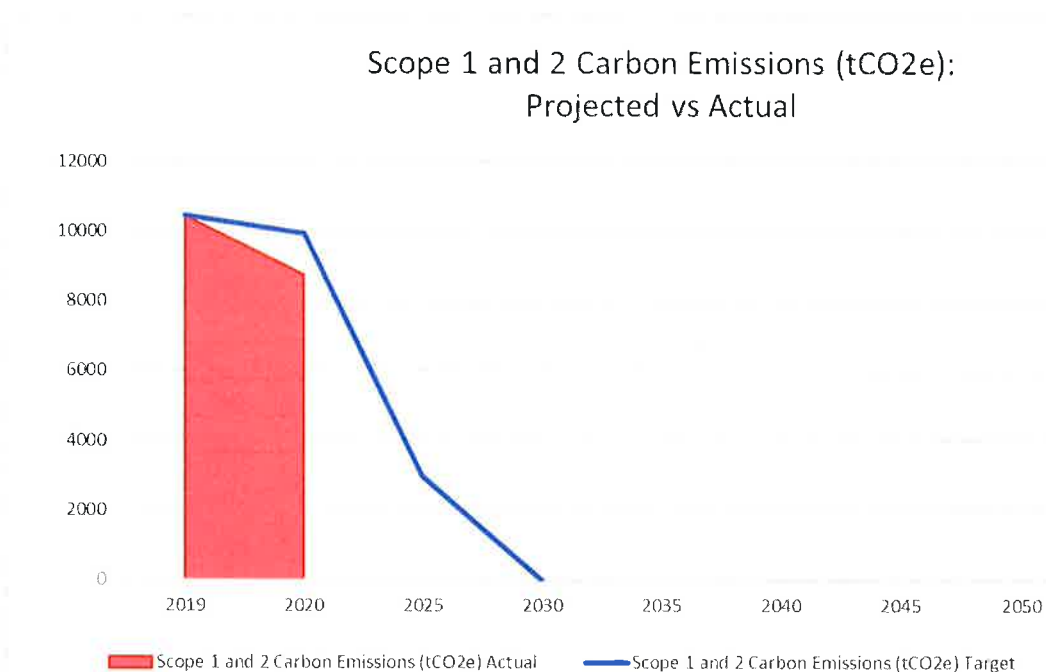


Figure 1 EQUANS UK & Ireland Scope 1 & 2 Carbon Emissions – Actual vs Projected

Scope 3 Carbon Emissions (tCO₂e): Projected vs Actual

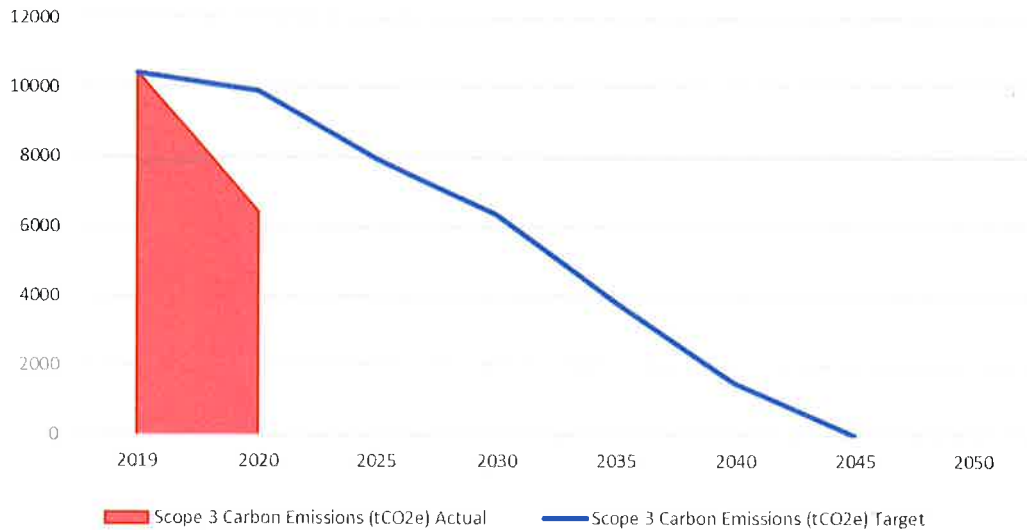


Figure 2 EQUANS UK & Ireland Scope 3 Carbon Emissions – Actual vs Projected

2. Our approach

In determining our carbon reduction approach, we follow the Greenhouse Gas (GHG) Management Hierarchy set out by the Institute of Environmental Management and Assessment (IEMA). EQUANS is committed to prioritising the elimination, substitution, and reduction of carbon in advance of any offsetting commitments.



Figure 3 IEMA Greenhouse Gas Management Hierarchy

CARBON REDUCTION PROJECTS

COMPLETED CARBON REDUCTION INITIATIVES

As an ISO 14001 and ISO 50001 certified organisation, environmental management and energy management are integrated into our management systems and business processes which are utilised in our service delivery.

We have held the Carbon Trust Standard since 2018 and in 2020 this was expanded from double certification for Carbon and Waste to triple certification for Carbon, Waste and Water in recognition of our commitments to reduce our carbon impact.

In early in 2020, the UK business unit announced its Zero Carbon Strategy including a leadership forum and core commitments that will guide the business on its pathway to making zero carbon happen.

Our latest performance can be found in our [2020 Responsible Business Report](#).

The following environmental management measures and projects have been completed or implemented since the 2019 baseline:

- Our decarbonisation plan, driven by a zero-carbon roadmap, has been developed with key focus areas including fleet, property, construction, and urban energy strategies.
- The zero-carbon roadmap includes commitments for our new buildings, major refurbishments to achieve net zero as well as net zero embodied carbon wherever feasible.
- In 2019 ENGIE and Innovate UK (an agency of UK Research & Innovation) 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 the development of solutions that enable the decarbonisation of industry, buildings and places.
- We have implemented Electric Vehicle (EV) charging infrastructure, including support for employees to transition company cars to EV and currently our fleet is at 20% electric.

In the future, we plan to implement further measures such as:

- Elimination of carbon emissions through energy efficiency reductions, the procurement of 100% green power, a transport strategy that commits to transition 100% of our fleet to EV (80% by 2025) and implementation of a public transport policy.
- Integration of low carbon, circular economy solutions in our supply chain, delivering zero avoidable waste by 2030 and therefore achieving net zero carbon emissions in all our scope 3 emissions by 2045.
- Implementation of decarbonisation roadmaps for existing heat networks.
- Use of offsetting projects to offset natural gas and other fuels which we are unable to immediately decarbonise, whilst continuing to reduce our emissions by exploring green gas alternatives and applying a Net Zero Carbon criteria for energy asset renewals & additions to the portfolio.
- We will consider the role of internal shadow carbon pricing.

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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

Scope 1 and 2 emissions have been reported in accordance with SECR requirements⁶, 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) Standard⁷.

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

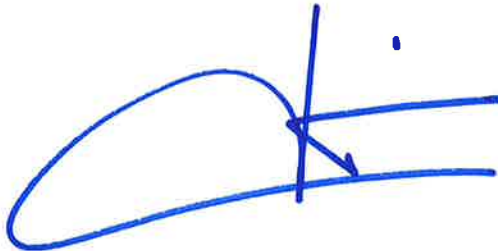
Signed for on behalf of EQUANS UK & Ireland

Jean-Philippe Loiseau
CEO EQUANS UK & Ireland

Signature

Date

27/9/21

A handwritten signature in blue ink, consisting of a large, sweeping loop followed by a vertical line and a horizontal line, with a small dot above the horizontal line.

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

⁵ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶ <https://www.gov.uk/government/publications/academy-trust-financial-management-good-practice-guides/streamlined-energy-and-carbon-reporting>

⁷ <https://ghgprotocol.org/standards/scope-3-standard>

