



envance

SUCCESS THROUGH SUSTAINABILITY

Carbon Reporting: 2021 - 2022

PLEDGE
TO NET
ZERO

Introduction

Envance is an environmental and sustainability management consultancy based in Stockport. Formed in 2020, we provide a range of services with partners and clients as part of a mission to provide businesses success through sustainability.

Envance was incorporated in April 2020 and this report covers the company's second year of operation.

Baseline figures were published in a report in 2021 covering the dates 01 April 2020 – 07 April 2021. The economic activity during this baseline period was lower than could typically be expected during an operational year, as a result of the global pandemic.

In spite of this, during this reporting period Envance has operated entirely from a managed office space and been able to undertake work representative of a normal operational year.

Envance Ltd has medium to long term growth plan, which in addition to likely overall growth in the wider economy may require revision of the targets presented below.

This progress report assesses our GHG emissions between April 2021 to February 2022. The report sets out the things we did over this period to reduce our emissions in line with baseline targets and what we aim to do in the year ahead.

In June 2019 the UK Government committed to bring all greenhouse gas emissions to Net Zero by 2050 with organisations expected to play a huge role in achieving this target.

The 'Pledge to Net Zero' was established to commit organisations across the environmental sector to take a leadership role in the transition to a net zero carbon economy.

In June 2020, Envance signed up to Pledge to Net Zero showing commitment to setting a science-based carbon reduction target as part of the UK's 2050 net zero target.

As a signatory, Envance has committed to:

- Set and commit to deliver a greenhouse gas target in line with either a 1.5°C (encouraged) or well below 2°C climate change scenario – covering buildings and travel as a minimum.
- Publicly report greenhouse gas emissions and progress against this target each year.
- Publish one piece of research/thought-leadership each year on practical steps to delivering an economy in line with climate science and in support of net zero carbon.

Methodology

To determine our carbon footprint and set relevant Science Based Targets for carbon reduction we have used the Pledge to Net Zero guidance that is issued to support signatories when publicly reporting on greenhouse gas emissions.

As per the pledge guidance, where direct measurements have not been possible (e.g. vehicle emissions or energy supply for our landlord operated office), estimations have been made using the latest GHG reporting conversion factors. In the future, where we obtain more accurate information related to our reported baseline that was not previously mentioned, where appropriate, we would update prior-year information to represent the most accurate information.

For each source's carbon emission measurement or estimation, we have used the best data available to us alongside carbon conversion factors to provide the most accurate reading as possible at the time of reporting.

Aspects that were excluded from this report include: carbon content of office supplies that we use (e.g. laptops or printers), and general office waste. Although the carbon emissions for these activities are not accounted for in this report, we are considering actions to reduce the environmental impact in these areas.

Aspects that are included in this progress report that are not in our baseline include: carbon emission associated with transmission and distribution of electricity used by electric vehicles. In December 2021 two FTEs replaced their fossil fuel vehicles with all-electric models. In addition, we have purchased office equipment with low carbon certifications e.g. televisions and monitors.



How and What We Report

Reporting period: 07 April 2021 – 01 February 2022

Organisational boundary: operational control approach.

Operational Scopes

This is the first GHG reporting period since publishing our baseline report for the period between 01 April 2020 – 07 April 2021. As such, this report assesses our current known GHG emissions from the end of the baseline reporting period to present day. Emissions are forecast through to the end of our reporting period (31st March 2022)

In 2021 Envance adopted a science-based reduction target in line with the 1.5°C scenario as part of the Paris Agreement. To achieve this, Envance aims to reduce GHG emissions by 2.5% each year per full time equivalent (FTE) from our 2021 baseline emissions.

Since publishing our baseline emissions, Envance has grown as a company and increased its workforce from 2 FTE to 4.2 FTE.

Envance is not a primary or direct source of any GHG emissions that are considered to be scope 1 emissions. Scope 1 emissions therefore are not calculated in this report.

We have measured and reported our scope 2 and 3 emissions:

Scope 2: Indirect GHG emissions from the generation of acquired electricity, heating or cooling.

Scope 3: All indirect emissions (not included in scope 2) that occur as a result of our activities but are not owned or controlled by the company.

We have measured our scope 2 and 3 GHG emissions in the following areas:

- Buildings: office electricity supply; and
- Transport: employee personal and business commuting
- Transmission and distribution losses from electricity supply

The Envance office is located in a leased building shared with other tenants. Estimations for office electricity supply are based on manual readings of our office electricity meter as specific time periods and have been used to calculate usage for the operating year. Specific information about the electricity supplier or the building's electricity bill were not available from the landlord. Similarly, information about waste disposal contractors used by the building could not be obtained.

Envance records all business trips along with the total mileage driven. This has informed our reported transport emissions alongside personal employee address and vehicle information for calculating commuting emissions.

Science Based Targets

Baseline:

Our GHG baseline emissions are presented in our Pledge to Net Zero report published in June 2021. The baseline emission calculations were based on estimated data extrapolated from 2021 information.

Our assessed baseline scope 2 and 3 carbon emissions as shown in the table below.

| | Source | Baseline (kg CO2e) | Baseline (t CO2e) |
|---------|--|--------------------|-------------------|
| Scope 2 | Office electricity supply (location-based) | 80.29 | 0.08029 |
| | Office electricity supply (market-based) | 131.10 | 0.1311 |
| Scope 3 | Personal commuting | 3,720.34 | 3.72034 |
| | Business commuting | 232.53 | 0.26785 |
| | Transmission and distribution losses from electricity supply | 1.51 | 0.00151 |
| | Total Carbon Emissions | 4,165.77 | 4.16577 |
| | Total Carbon Emissions per FTE (2) | 2,082.65 | 2.08265 |

SBTs

Following our baseline assessment the Company committed to SBTs that are appropriate for a growing services led business and the following intensity ratio target were adopted:

A minimum of 2.5 percent reduction in carbon emissions each year per full time equivalent (FTE).

Envance employed 4.2 FTE during this progress reporting period, in comparison to 2 FTE in our baseline year. The carbon emissions per FTE for this reporting period, our baseline year and operational year (April 2021-22) target are shown in the table below.

Emissions per FTE during this progress report period (April 2021 – February 2022) is 20.3% lower than our annual baseline emissions and we are forecast to achieve our 2022 target to reduce carbon emissions by a minimum 2.5% each year per FTE

| Total Carbon Emissions per FTE (kg CO2e) | | | |
|--|-------------|-------------------|----------------|
| 2021 Baseline | 2022 Target | April 21 – Feb 22 | Forecast 21-22 |
| 2082.65 | 2030.82 | 1660.97 | 1581.9 |

2021 – 2022

2021 performance:

Since our baseline carbon emissions were published, our scope 2 and 3 emissions have been calculated between 07 April 2021 to 01 February 2022.

Our assessed progress scope 2 and 3 carbon emission from this period are shown in the table below.

| | Source | 7 April 21 – 1 Feb 22 (kg CO2e) | 7 April 21 – 1 Feb 22 (t CO2e) |
|---------|--|---------------------------------|--------------------------------|
| Scope 2 | Office electricity supply (location-based) | 770.12 | 0.77012 |
| | Office electricity supply (market-based) | 1381.89 | 1.38189 |
| Scope 3 | Personal commuting | 1820.25 | 1.8203 |
| | Business commuting | 2378.58 | 2.3786 |
| | Transmission and distribution losses from electricity supply | 68.15 | 0.0682 |
| | Transmissions and distribution losses for electric vehicles | 18.27 | 0.0183 |
| | UK electricity for electric vehicles | 206.60 | 0.2066 |
| | Total Carbon Emissions | 6643.87 | 6.6439 |
| | Total Carbon Emissions per FTE | 1660.9672 | 1.5663 |

Carbon Neutrality

We are happy with our progress towards achieving our longer-term goals to reduce scope 2 emissions by 21% and scope 3 emissions by 25.2% and are committed towards working towards carbon neutrality.

For the 2020-2021 baseline year Envance offset 4.5 tonnes of CO2 through Carbon Footprint Ltd's Global Portfolio which supports Verified Carbon Standard (VCS) projects around the World. Projects are selected predominantly within developing countries, where they assist carbon emission reduction as well as bringing local community benefits.

Based on current forecast emissions Envance intends to offset a minimum of 8 tonnes of CO2 for the 2021-2022 operational year.

Key Actions for the Next Reporting Period

To ensure consistency between our current and future carbon activities and ambitions to achieve net-zero, our reduction targets will be reviewed each year.

- Recalculate baseline for current operating year
- Review employee mode of transport in commuting
- Purchase office equipment from certified low carbon suppliers e.g. Carbon Trust or Energy Star
- Explore further carbon reduction opportunities

Thought Leadership

Our website includes a knowledge hub that provides a range of news and insights in to sustainability and climate change amongst other subjects.

- <https://www.envanceuk.com/insights/1-5c-are-we-set-to-overshoot-new-predictions-from-the-world-meteorological-organisation/>
- <https://www.envanceuk.com/insights/committee-on-climate-change-report-to-parliament-2020/>
- <https://www.envanceuk.com/insights/energy-trends-june-2020/>
- <https://www.envanceuk.com/news/cop-26-week-1-round-up/>
- <https://www.envanceuk.com/news/the-economics-of-biodiversity-final-report/>

To engage a wider audience than our website visitors we also publish occasional articles on LinkedIn, for example our article on Climate Change and the role of ESG and sustainability metrics in driving a green recovery. The article can be viewed here:

<https://www.linkedin.com/pulse/sustainable-business-post-pandemic-economy-from-esg-sdgs-chris-john/>

