



envance

SUCCESS THROUGH SUSTAINABILITY

Company Report: 2022 - 2023

PLEDGE
TO NET
ZERO

Introduction

Envance is an environmental and sustainability management consultancy based in Stockport. Formed in 2020, we provide a wide range of environmental services to clients across a range of sectors.

This, our third outcomes report, has been expanded to include a summary of company performance, and social and well-being actions, in addition to our annual carbon report.

External Context

The company was formed in 2020 in the midst of the global pandemic and, although it is now over 3 years since the start of the pandemic, the UK economy has yet to fully recover due to a combination of on-going domestic and global events.

2022-23 was a chaotic year for the country as a whole. Political and economic instability along with the war in Ukraine result in an energy and cost of living crisis and high levels of inflation. In addition the Government revised its commitments to infrastructure projects, with work on HS2 Phase 2b being halted and as well as the smart motorways programme.

2022-23 Operating Year

Envance performed exceptionally well in 2022-23 out-performing its business plan on all levels.

- We increased turnover by 90%
- We increased net profit by over 100%

We continued to build our core services and client base, whilst developing new innovative solutions for a range of clients and sectors. We were also proud to received two highly commended awards from Stockport Business Awards.

We were successful in winning and delivering a Natural Environment Investment Readiness Fund (NEIRF) project to create a pilot river and internal habitat bank and have since developed a wide range of high-level outcomes based projects for a number of clients.

In response to the high rate of inflation we paid a cost of living pay rise mid-way through the year in addition to an end of year bonus.

We have also been able to invest in the company through:

- Letting an external IT support contract
- Purchase of new IT and survey equipment
- Staff training and development
- Additional recruitment beyond business plan
- Staff welfare and social events



Carbon Reporting

Envance became a signatory of the Pledge to Net Zero in 2021. We applied their guidance to assess our carbon footprint and set Science Based Targets for reducing carbon emissions. This guidance is provided to assist signatories in disclosing their greenhouse gas emissions publicly.

In accordance with the guidelines, where direct measurement of emissions is not feasible (such as vehicle emissions or energy supply for our office managed by the landlord) we have relied on estimations using the most up-to-date GHG reporting conversion factors.

For each source's carbon emission measurement or estimation, we have used the most reliable data available to us, in conjunction with carbon conversion factors. Our aim was to provide the most accurate readings at the time of reporting.

Certain elements have been excluded from this report, including carbon content of office supplies, such as laptops or printers, and general office waste. Although the carbon emissions associated with these activities are not measured within this report, we actively consider ways minimise and mitigate the environmental impact in these areas e.g. by buying recycled paper and office furniture and low energy appliances where possible.

As a signatory to the Pledge to Net Zero Envance made the following commitments:

- 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

**PLEDGE
TO NET
ZERO**

How and What We Report

Reporting period: 07 April 2022 – 06 April 2023

Organisational boundary: operational control approach.

Operational Scopes

Our Science Based Targets commit us to reducing our GHG emissions by 2.5% each year per full time equivalent (FTE) from our 2021 baseline emissions.

Envance does not generate primary or direct GHG emissions that fall under scope 1 emissions. As a result, the calculation of scope 1 emissions is not included 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

Our office is situated in a leased building that is shared with other tenants. To estimate the office electricity supply, manual meter readings were taken, allowing us to calculate the usage for the operational year.

Unfortunately, detailed information regarding the electricity supplier or the building's electricity bill was not accessible from the landlord. Likewise, we were unable to obtain information regarding the waste disposal contractors employed by the building.

Envance records all business trips, including the total mileage covered. This information serves as the basis for calculating our reported transport emissions. Additionally, we consider personal employee address and vehicle details to accurately calculate commuting emissions.

Our Target

In accordance with the Pledge to Net Zero guidance, Envance has adopted a science-based reduction target in line with the 1.5°C scenario as part of the Paris Agreement.

Envance is a young and growing business. To provide context of this and our carbon emission improvements, the following intensity ratio has been adopted:

Carbon emissions per full time equivalent (FTE)

An intensity ratio is considered appropriate as Envance is a recently formed company and any target adopted must consider any anticipated organic growth of the company (e.g. hiring staff).

In the reporting period from April 2022 to March 2023, Envance had a workforce comprised of 9 full-time equivalent (FTE) staff members, with additional casual support. The fractional FTE value is used to accommodate individuals who worked only for a portion of the reporting period, including new hires and departures.

Therefore, Envance has committed to:

A minimum of 2.5 % reduction in carbon emissions each year per full time equivalent (FTE) to achieve a 25.2% reduction in scope 2 and 3 emissions by 2026

Actions Taken

Envance has made progress in reducing its carbon footprint compared to the previous reporting period. The company has implemented several measures, including:

- Replacing two full-time equivalent (FTE) employees' fossil fuel cars with electric models in December 2021.
- Additionally, Envance encourages staff participation in the Bike2Work Scheme, an approved employee benefit scheme by the UK government, promoting eco-friendly transportation alternatives.
- The company has also continued its practice of purchasing office equipment with low carbon certifications.

Envance has achieved significant success in surpassing its target for this reporting period by effectively reducing Scope 3 emissions related to personal and business commuting.

The implementation of various actions and initiatives has contributed to this low-carbon success.



2022 – 2023 Carbon Emissions

In the period between 7 April 2022 to 6 April 2023, Envance produced 11,200.26 kg CO₂e. This figure is broken down into Scope 2 and 3 emissions in Table 1 below:

Table 1. April 2022 – 2023 Carbon Emission Breakdown

	Source	7 April 2022 – 6 April 2023 (kg CO ₂ e)
Scope 2	Office electricity supply (location-based)	1,691.69
	Office electricity supply (market-based)	3,070.55
Scope 3	Personal commuting	1,569.13
	Business commuting	4,621.49
	Transmission and distribution losses from electricity supply	247.40
Total Carbon Emissions		11,200.26
Total Carbon Emissions per FTE (9)		1,244.47

7 April 2021 – 6 April 2022 (kg CO ₂ e)	7 April 2022 – 6 April 2023 (kg CO ₂ e)	Change in absolute emissions
7,384.52	11,200.26	3,815.74 kg CO ₂ e

Envance's total carbon emissions have increased by 3815.74 kg CO₂e since our last reporting period between April 2021 - 2022.

However, since the last reporting period, Envance has increased its FTE workforce from 5 to 9 and our carbon emissions per FTE for this reporting period has reduced to 1,244.47 kg CO₂e per FTE.

This represents a 40% reduction on our baseline year and we have therefore already met our Target of reducing baseline emission by 25.3%. However, we are committed to continue to reduce our emissions further, by at least 2.5% a year and will offset any residual emissions.

A comparison table of this figure and previous years reporting is provided in Table 2.

Reporting Period	Total Emissions (kg CO ₂ e)	No. of FTE	Total Emission per FTE (Kg CO ₂ e)	% difference from previous year
April 2020 - 2021	4,165.77	2	2,082.88	Not Applicable
April 2021 - 2022	7,384.52	5	1,476.90	- 34.0%
April 2022 - 2023	11,200.26	9	1,244.47	- 15.75%

Carbon Forecast

We are forecast to reach have 12 FTE staff by April 2024. In line with our PNZ target to reduce emissions by 2.5% per FTE, we aim to produce lower than 1,212kgCO₂e per FTE at the end of the next reporting period.

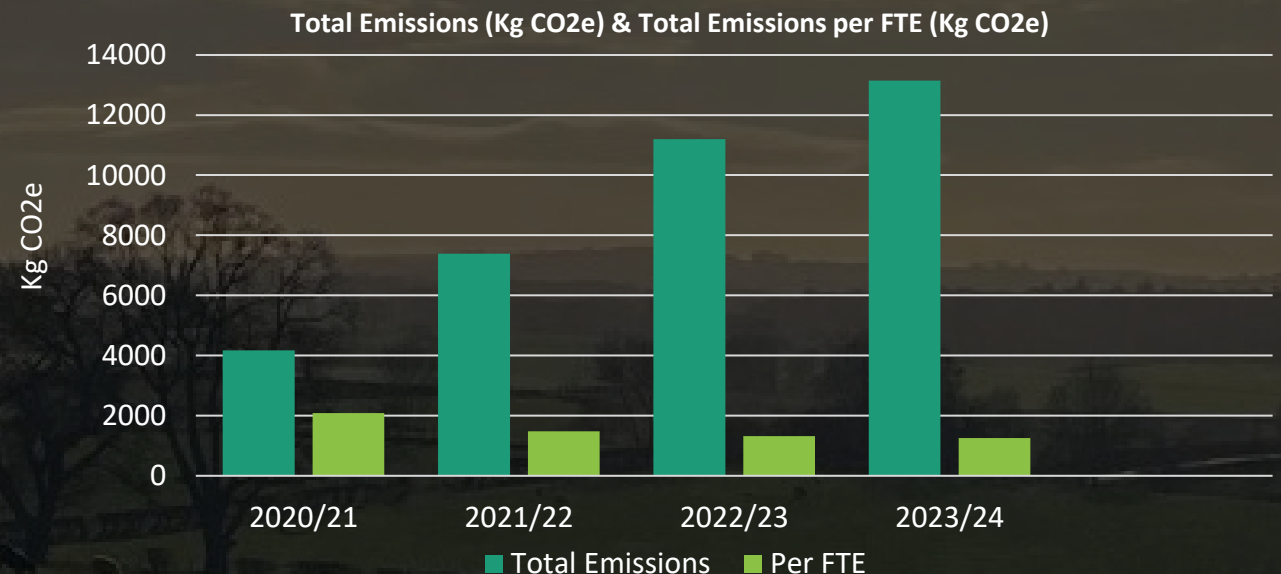
Calculations are just an estimate and depend on the numbers of days when staff were able to commute to work by bike or in a car share, as well as the number of surveys we get commissioned to attend and their locations within the UK.

As a growing company, we're undertaking more work away from our office and staying in overnight hotels. Envance has begun to account for the carbon emissions in its latest reporting period, this will provide greater accuracy in our PNZ reports going forward.

A comparison table is presented to show previous and forecast years and our success in lowering carbon emissions per FTE.



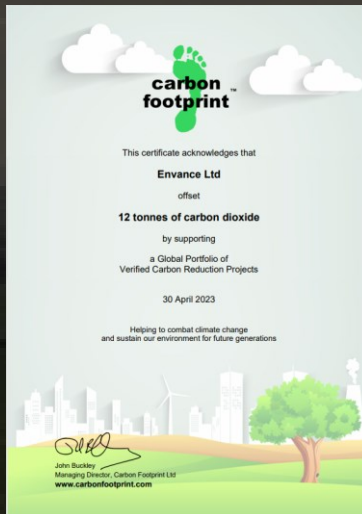
Reporting Period	Total Emissions (kg CO ₂ e)	No. of FTE	Total Emission per FTE (Kg CO ₂ e)	% difference from previous year
April 2020 - 2021	4,165.77	2	2,082.88	Not Applicable
April 2021 - 2022	7,384.52	5	1,476.90	- 34.0%
April 2022 - 2023	11,200.26	9	1,244.47	- 15.75.4%
April 2023 – 2024	13,143.48	12	1,095.29	-12%



Carbon Neutrality

We are pleased with the significant strides we have made in our journey and have met and exceeded our long-term objectives of reducing scope 2 emissions by 21% and scope 3 emissions by 25.2%. Our unwavering commitment to working towards carbon neutrality remains steadfast.

In addition to our efforts to decrease carbon emissions per FTE, Envance is committed to achieving carbon neutrality and has offset a total of 12 tonnes CO₂e for the 2022-23 operating year. We have chosen to offset through Carbon Footprint Ltd's Global Portfolio, which supports Verified Carbon Standard (VCS) projects worldwide. These carefully selected projects primarily focus on developing countries, where they not only contribute to carbon emission reduction but also bring valuable benefits to local communities.



Thought Leadership

In 2022-2023 Envance delivered a range of work aimed at helping meet Net Zero targets. Much of our day-to-day work involves valuing increasing in carbon sequestration through habitat management projects. This year we worked with the University of York to host an MSc looking at valuing ecosystem services and delivering nature-based solutions.

- <https://www.envanceuk.com/insights/how-do-we-value-nature-an-insight-into-natural-capital-accounting/>
- <https://www.envanceuk.com/insights/mixed-news-on-the-climate-front/>

Next steps

Our commitment to reducing carbon emissions includes the following actions:

- Ongoing promotion of the Bike2Work scheme and encouraging car sharing among employees.
- Continued procurement of office equipment from certified low carbon suppliers, such as Carbon Trust or Energy Star.
- Active exploration of additional opportunities to further reduce our carbon footprint.

Social Value

In 2022-23 Envance supported OneManchester in the delivery of the Green Skills and Employment Partnership, a programme aimed at supporting the following groups into employment in the green economy:

- Young people who are not in education, employment or training (NEET)
- Young people who are at risk of becoming NEET
- Over 50s
- Lone Parents
- Racially minoritised people
- People with a disability

Through the scheme we were able to offer two new roles helping people start their careers in the green economy.

We also support local suppliers and subcontractors wherever possible.



Charity Support

We support our staff in giving back to the community and environment and offer a minimum of 3 paid volunteer days.

Through this scheme we have supported the following charities:

- Step Up Manchester
- Sunshine Sunflower Foundation

Future Accreditations

In 2023-24 we are planning to further develop the company and are aiming to; carbon emissions includes the following actions:

- Achieve industry recognition through CIEEM Registered Practice accreditation
- Commit to being a responsible employer through signing up to the Living Wage Foundation
- Ensuring our systems are secure through achieve Cyber Essentials