

ENSEK Ltd



Emissions Management Report

01/01/2024 - 31/12/2024

Published: 17 Apr 2026



Introduction

ENSEK Ltd

ENSEK empowers utilities and energy retailers to move beyond treating energy purely as a commodity, enabling them to deliver more intelligent, human-centric customer experiences. Its trusted SaaS platform provides advanced customer billing, customer management, and financial insight capabilities and lays the foundations for an emerging orchestration layer designed to connect people, devices, and data over time.

In response to the pressing global challenge of climate change, ENSEK Ltd is committed to understanding and reducing its environmental impact across all operations.

As such, ENSEK Ltd has engaged in the following project to calculate, report, and identify opportunities to reduce its greenhouse gas (GHG) emissions.

Report overview

This report details the results of ENSEK Ltd's current GHG inventory, which quantified GHG emissions across the reporting period of 01/01/2024 - 31/12/2024.

Also documented is ENSEK Ltd's long-term strategy to monitor, manage, and minimise its environmental impact.

This report was prepared with the support of Ecologi to ensure that emissions were quantified in alignment with the [GHG Protocol Corporate Accounting and Reporting Standard](#) and supplementary [Corporate Value Chain \(Scope 3\) Standard](#).

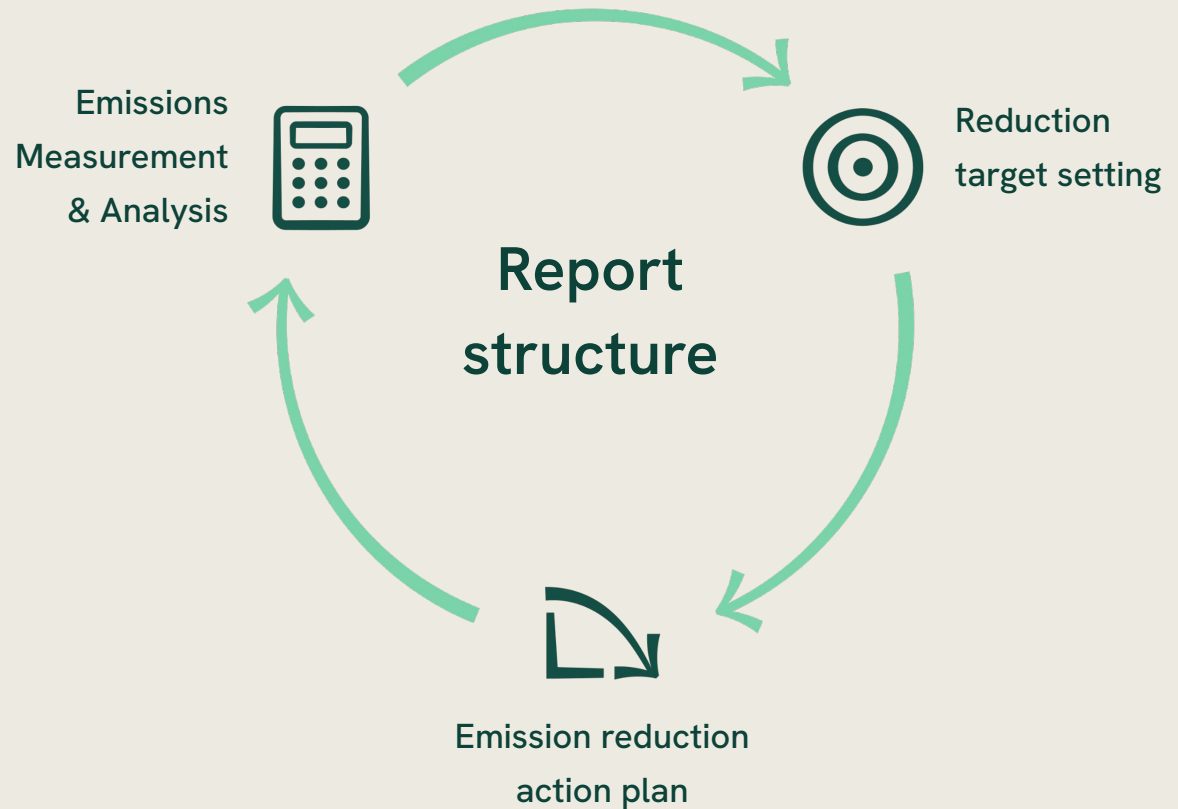


Ecologi is a leading climate action platform specialising in emissions measurement, reduction, and reporting, as well as helping businesses fund high impact, high integrity climate solutions. Ecologi equips businesses with the expertise and tools to curate and implement emissions reduction strategies on their journey to Net Zero.

Report overview

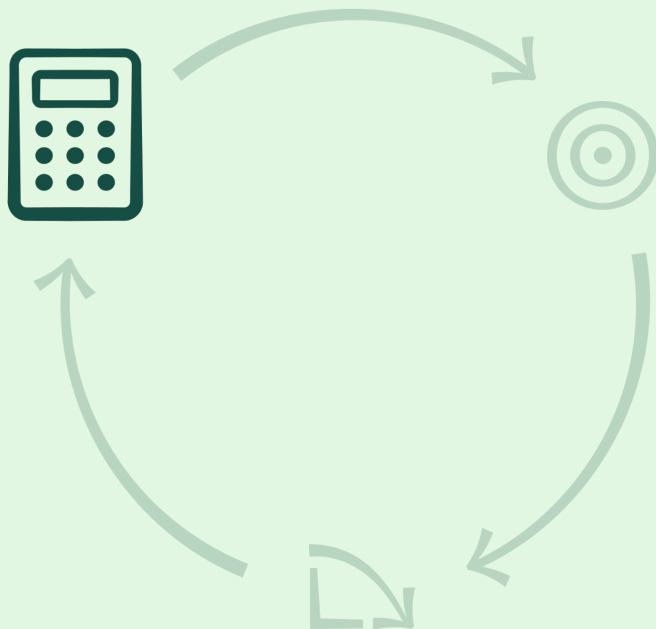
An emissions management report is a company's core tool for climate accountability. Its purpose is to transparently measure environmental impact, set a target and strategy to reduce it, and communicate progress along the way.

This journey is built on three critical, interconnected pillars: Measurement, Target Setting, and Action. For ENSEK Ltd, this structure provides a clear roadmap from initial understanding to meaningful change.



Emissions measurement & analysis

01



Measuring emissions is the first step to understand environmental impact and enable meaningful reductions. In order to do so, this section of the report

- Presents ENSEK Ltd's GHG inventory, detailing emissions caused by their activities.
- Highlights emissions hotspots in key activity areas such as facilities or travel.
- Provides key reporting metrics including emissions intensity.
- Provides the data and insights that underpin target-setting and reduction planning.
- Establishes an emissions baseline that can be built upon in future reporting years

2024 Emissions Measurement and Analysis

Methodology

ENSEK Ltd were responsible for the internal management controls governing data collection. Subsequent emissions calculations and this report were generated by Ecologi in accordance with the [GHG Protocol Corporate Accounting and Reporting Standard](#) and supplementary [Corporate Value Chain \(Scope 3\) Standard](#).

Emissions have been calculated using appropriate emission conversion factors from government sources, reputable third party research, and proprietary modelling.

Reported emissions figures are expressed as tonnes of carbon dioxide equivalent (tCO₂e) and include GHG emissions from all seven GHGs named by the Kyoto Protocol: CO₂, N₂O, CH₄, HFCs, PFCs, SF₆ and NF₃.

This inventory assesses emissions for the reporting period 01/01/2024 - 31/12/2024.

ENSEK Ltd's organisational boundary has been determined using an operational control approach, where ENSEK Ltd accounts for 100% of the emissions from operations where it has operational control.

The boundary of this report includes all UK operations during the reporting period, and emissions are categorised within the relevant Scope as prescribed by the GHG Protocol.

Please refer to the Annex for further details on the boundaries and data for this assessment.

Emissions Overview: 01/01/2024 - 31/12/2024

Total emissions

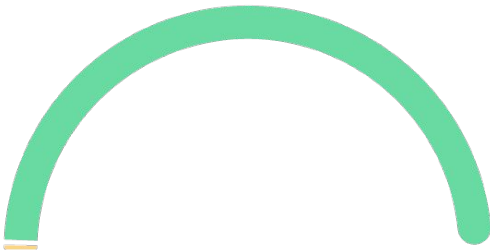
4,409.73
tCO₂e

Emissions intensity

87.5
tCO₂e per £1m revenue

9.40
tCO₂e per FTE

2024 Scope breakdown



● Scope 1	- tCO ₂ e (-%)
● Scope 2	26.68 tCO ₂ e (0.61%)
● Scope 3	4,383.05 tCO ₂ e (99.39%)

Emissions Inventory: 01/01/2024 - 31/12/2024

Scope	Emissions category	2024 (tCO ₂ e)
Scope 1	Stationary combustion	-
	Mobile combustion	-
	Fugitive emissions	-
	Process emissions	-
	Total - Scope 1	-
Scope 2	Purchased electricity (Market-based)	42.97
	Purchased electricity (Location-based)	26.68
	Purchased steam, heating & cooling	-
	Total - Scope 2 (Location-based)	26.68

Scope	Emissions category	2024 (tCO ₂ e)
Scope 3	Purchased goods and services	3,736.53
	Capital goods	12.00
	Fuel- and energy-related activities	8.78
	Upstream transportation and distribution	1.68
	Waste generated in operations	28.10
	Business travel	50.72
	Employee commuting (including homeworking)	498.27
	Upstream leased assets	46.97
	Downstream transportation and distribution	-
	Processing of sold products	-
	Use of sold products	-
	End-of-life treatment of sold products	-
	Downstream leased assets	-
	Franchises	-
	Investments	-
	Total - Scope 3	4,383.05
Total		4,409.73

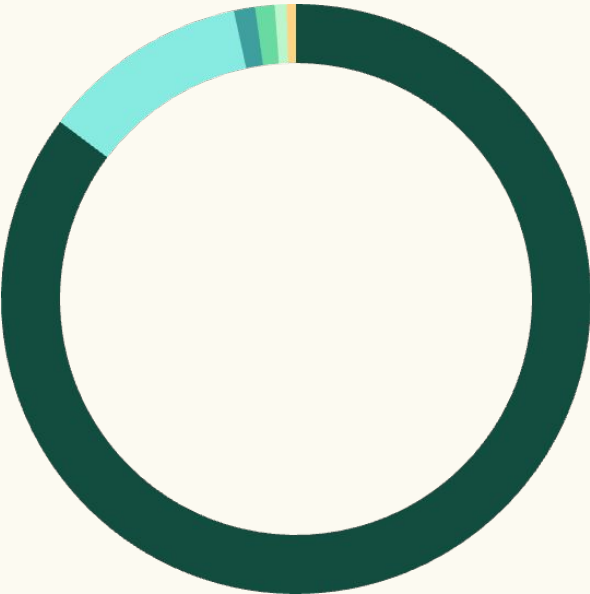
Breakdown of emissions: Scope 3

Total Scope 3 emissions

4,383.05 tCO₂e

Percent of total GHG footprint

99.39%



● Purchased goods & services	3,736.53 tCO ₂ e	85.25%
● Employee commuting	498.27 tCO ₂ e	11.37%
● Business travel	50.72 tCO ₂ e	1.16%
● Upstream leased assets	46.97 tCO ₂ e	1.07%
● Waste generated in operations	28.10 tCO ₂ e	0.64%
● Other	22.46 tCO ₂ e	0.51%

What is included in this category?

All emissions that occur in ENSEK Ltd’s value chain, but are not owned or controlled by the company, such as those from suppliers, employees travelling to and from work, and business travel.

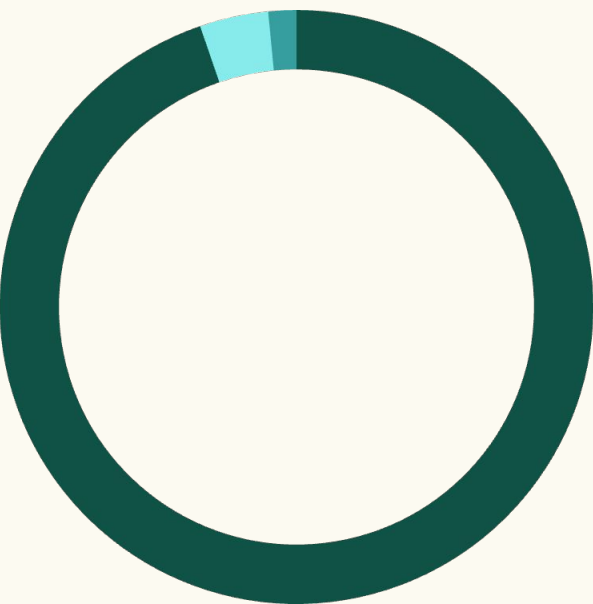
Breakdown of emissions: Facilities

Total facility emissions

282.27 tCO₂e

Percent of total GHG footprint

6.40%



●	Hounds Gate	267.41 tCO ₂ e	94.74%
●	Worship Street	10.56 tCO ₂ e	3.74%
●	Data Centre	4.30 tCO ₂ e	1.52%

What is included in this category?

All emissions from ENSEK Ltd’s facilities including electricity, heating, and on-site operations.

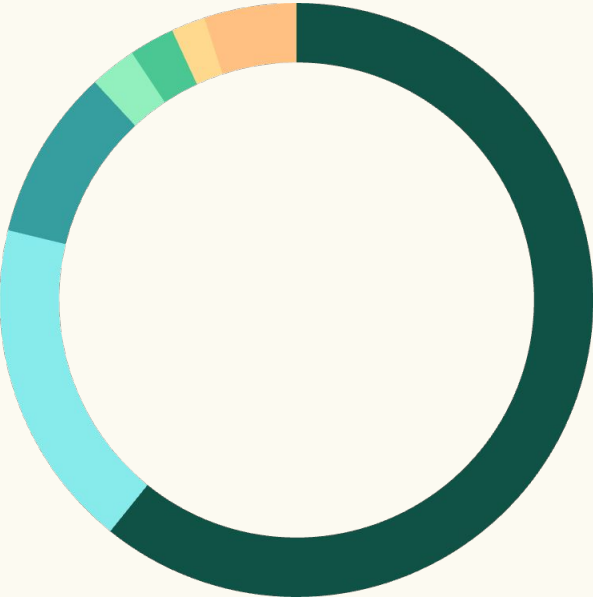
Breakdown of emissions: Purchased goods & services

Total PG&S emissions

3,736.53 tCO₂e

Percent of total GHG footprint

84.73%



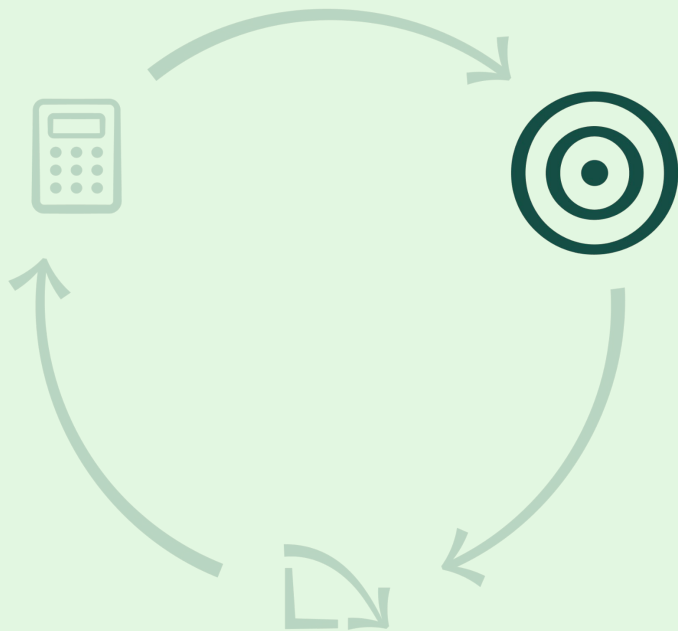
● Consultancy	2,253.24 tCO ₂ e	60.30%
● Software & IT services	666.67 tCO ₂ e	17.84%
● Advertising & marketing	346.02 tCO ₂ e	9.26%
● Insurance	93.93 tCO ₂ e	2.51%
● Recruitment	91.59 tCO ₂ e	2.45%
● Service charge & building services	68.57 tCO ₂ e	1.84%
● Others	216.51 tCO ₂ e	4.99%

What is included in this category?

All emissions that occur in the life cycle of ENSEK’s purchased goods and services.

Reduction target setting

02



The crucial next step after measuring emissions is to set meaningful reduction targets. A structured approach ensures targets are both ambitious for the planet while sustainable for business.

This involves choosing the right type of target for a business' unique circumstances, which can be used to set clear and measurable objectives for taking action.

In order to do this, this report section:

- Defines best practice for setting emissions reduction targets
- Illustrates what near- and long-term emissions reduction goals could look like for ENSEK Ltd
- Establishes a clear trajectory for measurable, credible reductions
- Presents a tangible roadmap for setting science-backed targets

Progress on emission reduction targets

What are emissions reduction targets?

Science-based targets are commitments made by organisations to reduce their GHG emissions at a rate required to limit the worst effects of human-induced climate change. Both near and long term targets are required to ensure that immediate action is taken whilst meeting the deep levels of required decarbonisation.

What are ENSEK Ltd's reduction targets?

ENSEK Ltd' targets are aligned with SBTi's absolute emissions approach, which is the most relevant option for most sectors and organisations. The SBTi provide the global best practice standard for emissions reduction targets. The targets are indicated to the right.

Progress against emissions reduction targets

The following graph illustrates the projected reduction trajectory to ENSEK Ltd achieving their targets, and current performance is mapped against that trajectory.

Near-term target

Net Zero by 2030

Scopes 1 & 2

Near-term target

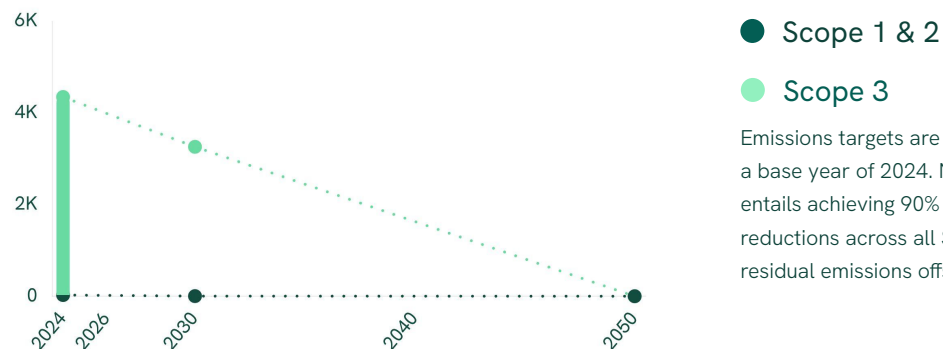
25% by 2030

Scope 3

Long-term target

Net Zero by 2050

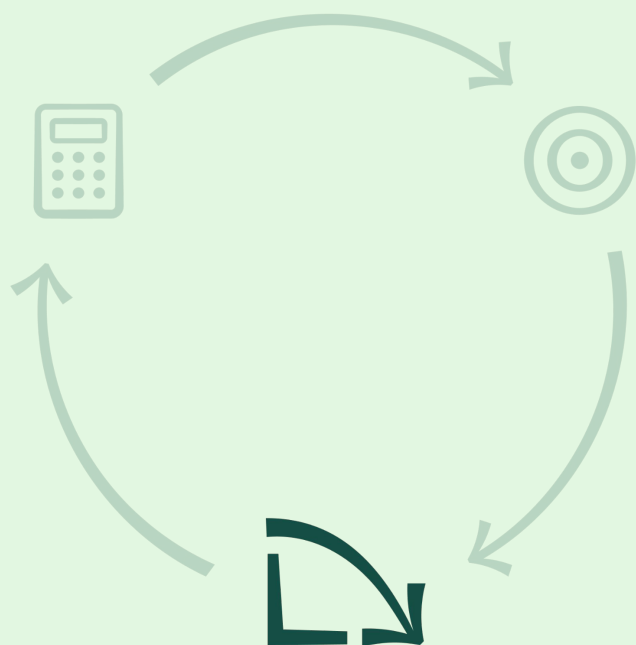
Scopes 1, 2 & 3



Emissions targets are referenced against a base year of 2024. Net Zero by 2050 entails achieving 90% emissions reductions across all Scopes with any residual emissions offset.

Emissions Reduction Action Plan

03



An Action Plan is the practical and strategic framework to achieve emissions reductions. While targets define the overall reduction objectives, a plan provides specific steps that can be taken in order to move closer towards those targets. This report section:

- Summarises initiatives ENSEK Ltd already has in place that are reducing emissions
- Proposes a plan for future initiatives to continue reducing emissions, with focus areas identified from ENSEK Ltd's inventory
- Builds on the proposed targets, showing how actions will drive progress toward Net Zero

Proposed reduction initiatives

The following strategy outlines further decarbonisation initiatives that should be explored to contribute to ENSEK Ltd's roadmap for positive change.

Specific reference is given to emissions hotspots and priority areas identified within the report's 'Emissions Measurement and Analysis' section. Included are both short and long-term initiatives dedicated to the pursuit of positive change.

1

Measure and iterate on emissions data

ENSEK should build on the foundational work of its first GHG emissions report and further collaborate with Ecologi to continue measuring GHG emissions and tracking progress against its climate ambitions.

This process has already enhanced ENSEK's understanding of its environmental impact, allowing it to identify areas for emissions reductions and operational efficiency improvements. These insights will enable the company to implement the process necessary to monitor performance and assess the effectiveness of emissions reduction initiatives moving forward, supporting its goal of developing sustainable and transparent operations.

2

Improve energy efficiency & adopt renewable electricity

ENSEK should take a two-pronged approach to reduce its energy footprints: first by minimising energy consumption, and second by switching to all renewable energy.

For the essential use of electricity, the company should source renewable electricity through the purchase of 'bundled' renewable tariffs, which go beyond regular tariffs to ensure a direct matching between the company's electricity consumption and renewable supply.

3

Introduce sustainable travel policies

Business travel is essential to ENSEK, but it can minimise its travel footprints for by prioritising public transport such as rail, coach and bus over private vehicles, and promote the scheduling of group travel and car sharing practices to reduce the number of journeys required. When the use of vehicles is necessary, prioritising fully electric or hybrid over internal combustion models would reduce the carbon intensity of single journeys. The company can also prioritise the use of video conferencing and virtual collaboration tools where feasible to reduce the need for physical travel.

For the occasions where air travel is unavoidable, economy-class tickets should be prioritised over premium classes and flights with lower emissions per passenger should be chosen when options exist.

4

Support employees in homeworking and commute

With a hybrid working structure, ENSEK has both significant homeworking and employee commute emissions. To address homeworking emissions, the company should move beyond general engagement by providing employees with a "Sustainable Home Office" toolkit, offering practical guidance on optimising domestic energy efficiency through smart thermostat settings and LED retrofitting. The company can further incentivise the switch to certified renewable electricity providers by offering incentives or financial support.

To reduce commuting emissions, the company can implement behavioural incentives for the use of sustainable transport methods, such as through the offer of salary sacrifice scheme, charging credits or on-site charging facilities for electric vehicles, Cycle to Work scheme, or preferential expense policy for public transport, biking and car sharing.

5

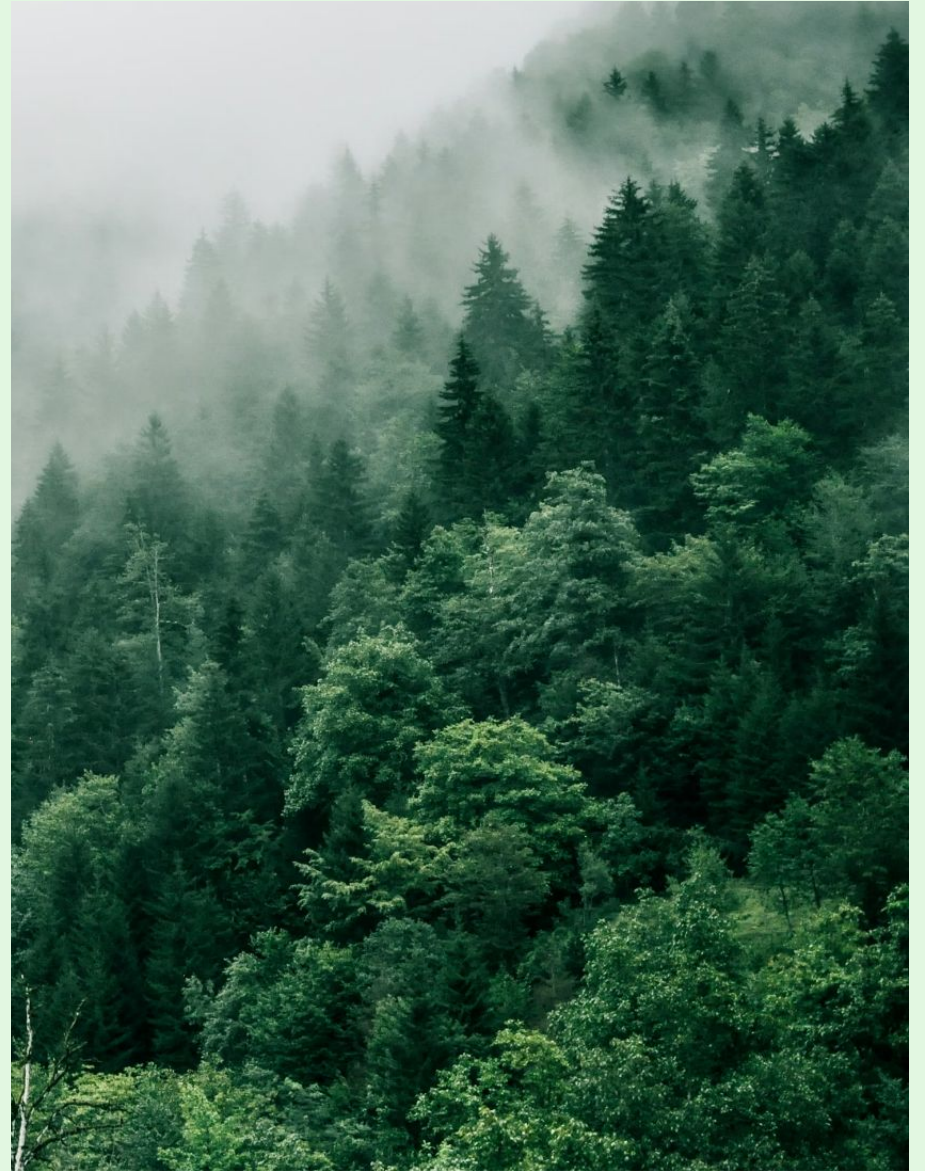
Improve supply chain emissions management

While a spend-based assessment ensures a complete inventory, it lacks the precision needed to manage procurement emissions effectively. Homogenous industry-level factors do not reflect the specific management practices of individual suppliers. To improve accuracy, the company should transition to activity-based data collection by requesting specific emissions disclosures from goods and services providers or supporting them in measuring their own footprints.

The company should also incorporate sustainability considerations in its procurement strategy and actively engage key partners as part of its broader climate strategy to gain a clear understanding of their decarbonisation plans and support their adoption of science-based Net Zero targets in order to achieve meaningful reductions within its supply chain.

Annex

Inventory boundary



Annex: Organisational and operational boundaries

An operational control approach has been followed in this report to determine the organisational boundary, ensuring alignment with the GHG Protocol. Under this approach, a company has operational control over an entity or facility if it, or one of its subsidiaries, has the full authority to introduce and implement its operating policies at the operation. Under this approach, a company accounts for 100% of emissions from entities or facilities where it has operational control.

Entities organisational boundary

A comprehensive list of entities covered in this emissions footprint report.

Entity	Location	Ownership	Included / excluded
ENSEK LTD	UK	100%	Included

Facilities organisational boundary

A comprehensive list of facilities included in this emissions footprint report.

Entity	Facility or operation	Location (Country/Region)	Ownership / management status
ENSEK LTD	Hounds Gate	UK	Leased (Operational Control)
ENSEK LTD	Worship Street	UK	Leased (Operational Control)
ENSEK LTD	Data Centre	UK	Leased (Co-located)

Scope 1 operational boundaries and data

Emissions from the company’s facilities, fleets and activities that they own or control.

	What is included?	Data used	Assumptions
Stationary combustion	ENSEK does not consume any on-site fuel.	N/A	N/A
Mobile combustion	ENSEK does not own or operate any vehicles.	N/A	N/A
Process emissions	ENSEK does not have industrial or chemical processes that result in direct non-combustion emissions.	N/A	N/A
Fugitive emissions	ENSEK does not use any refrigerants that result in fugitive emissions.	N/A	N/A

Scope 2 operational boundaries and data

Emissions resulting from the consumption of energy purchased from suppliers for the company’s activities.

	What is included?	Data used	Assumptions
Purchased electricity	Electricity consumed at Hounds Gate and Worship Street office.	kWh electricity consumed.	N/A
Purchased steam, heating and cooling	ENSEK does not purchase any steam, heating or cooling.	N/A	N/A

Scope 3 operational boundaries and data

Emissions resulting from all other indirect activities that occur in the company’s value chain, both upstream and downstream.

	What is included?	Data used	Assumptions
Purchased goods and services	ENSEK’s full purchasing data was used in the assessment. Emissions are reported using a spend-based approach, matching data to the emissions factor for the relevant industry of the goods or service purchased.	Total spend data for the year is used alongside SWC MRIO emission factors.	N/A
Capital goods	Capital goods purchased during the period, including IT equipment.	Total spend data for the year is used alongside SWC MRIO emission factors.	N/A
Fuel- and energy related activities	Upstream emissions of fuel extraction and delivery of purchased electricity.	Same activity data as Scope 2.	N/A
Upstream transportation and distribution	Emissions relating to postage and courier services.	Total spend data for the year is used alongside SWC MRIO emission factors.	Some distribution activities are included within the invoice of any goods and so this category is likely to be underestimated.

Scope 3 operational boundaries and data continued

	What is included?	Data used	Assumptions
Waste generated in operations	Waste and wastewater generated at the Hounds Gate and Worship Street office.	Volumes of waste by type, and estimated volumes of water using Ecologi's estimation model as water consumption data is not available.	Industry benchmarks based on FTE are used to estimate water consumption.
Business travel	Business travel activities including flights, trains, third-party vehicles, coach and bus, taxi and hotel accommodations.	Mileage data for flights, trains and third-party vehicles, number of room nights for hotel accommodations, and spend data for taxi and coach and bus.	Third-party mileage is converted from expenses using 45p/mile.
Employee commuting & home working	Employee commuting and homeworking activities resulting from ENSEK's hybrid working structure.	Distance data for transports and days working from home for home energy emissions.	Survey responses are extrapolated to all FTE.
Upstream leased assets	Upstream emissions of the leased offices and data centre, and electricity and red diesel consumed at the leased data centre.	Leasing costs for the offices and data centre, kWh electricity consumption and litre of red diesel consumed.	Electricity consumption is calculated by multiplying kWh consumption of IT equipment by Power Usage Effectiveness factor. Assume red diesel is consumed by back-up generator.
Downstream transportation and distribution	This category is not applicable to ENSEK's business model.	N/A	N/A

Scope 3 operational boundaries and data continued

	What is included?	Data used	Assumptions
Processing of sold products	This category is not applicable to ENSEK's business model.	N/A	N/A
Use of sold products	This category is not applicable to ENSEK's business model.	N/A	N/A
End of life treatment of sold products	This category is not applicable to ENSEK's business model.	N/A	N/A
Downstream leased assets	This category is not applicable to ENSEK's business model.	N/A	N/A
Franchises	This category is not applicable to ENSEK's business model.	N/A	N/A
Investments	This category is not applicable to ENSEK's business model.	N/A	N/A



2. Ecologi Certification

The Certification

4 levels of Certification

Each level has associated compliance criteria across four pillars: General, Reduce, Restore and Report



Footprint: Calculate to an increasing scope
Targets: Increasing scope of reduction targets
Progress: Increasing levels of progress toward targets



SBCP: set a Science based carbon price
Budget: Apply to a proportion of the footprint
Fund: Allocate to Carbon and Nature projects



Engagement: communicate transparently with stakeholders
Advocacy: be a champion for action
NZ Economy: evaluate the business contribution to the NZ economy

The Committed Certification Requirements



Footprint: calculate its carbon footprint across the full value chain (Scopes 1,2 and limited* Scope 3) in accordance with the GHG Protocol Corporate Standard and associated guidance for at least 1 year.

3rd Party limited assurance: must receive 3rd Party limited assurance

Targets: set near term reduction targets for Scopes 1 and 2 emissions. Targets shall have a base year no earlier than 2015 and must cover a minimum of 5 years and a maximum of 10 years from the date of certification.



Voluntary Carbon Market:
engage with the voluntary carbon market to **compensate** for GHG emissions associated with the accounting year.

Engagement may be at any level of commitment but The Company should aim to compensate for at least 10% of its measured emissions with a blend of Removal and Avoidance credits.



Transparency:
must report publicly on its climate action

Engagement:
must communicate with employees and/or customers about its climate action.

Read more here:

<https://ecologi.com/resources/frameworks-and-whitepapers/the-3rs-standard>

The Voluntary Carbon Market

Compensate using carbon credits

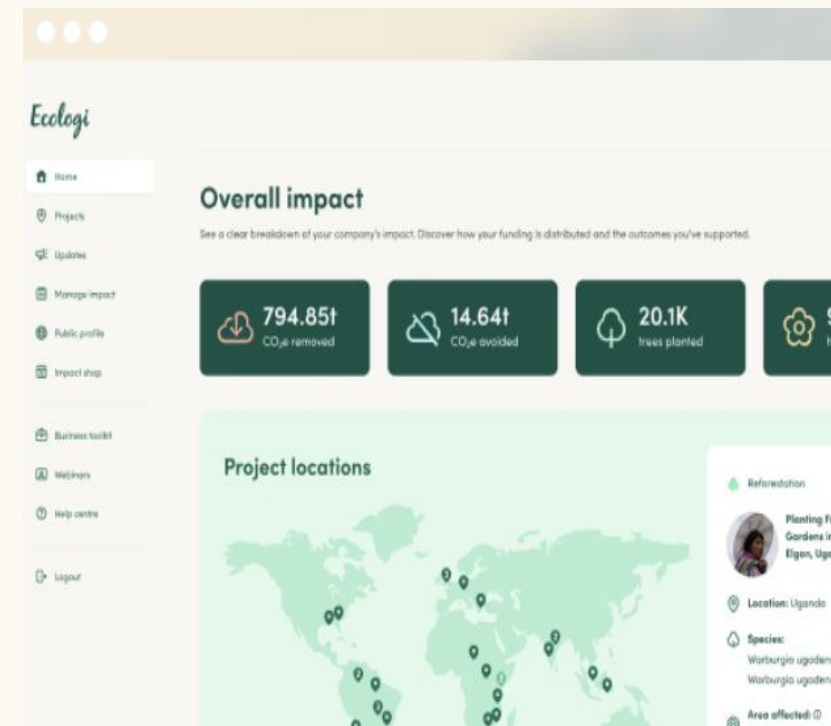


Compensate for your residual emissions, guided by the Oxford Principles for Net Zero Aligned Carbon Offsetting with high integrity short-term emissions avoidance credits and long-term carbon removal projects moving over time from a mix of avoidance and removal to an increasing percentage of durable, permanent removals.

Includes:

- Verified carbon avoidance and removal credits
- Multi year portfolio design aligned to the Oxford Principles

Best for: Organisations with complex footprints, procurement requirements or long term climate commitments.





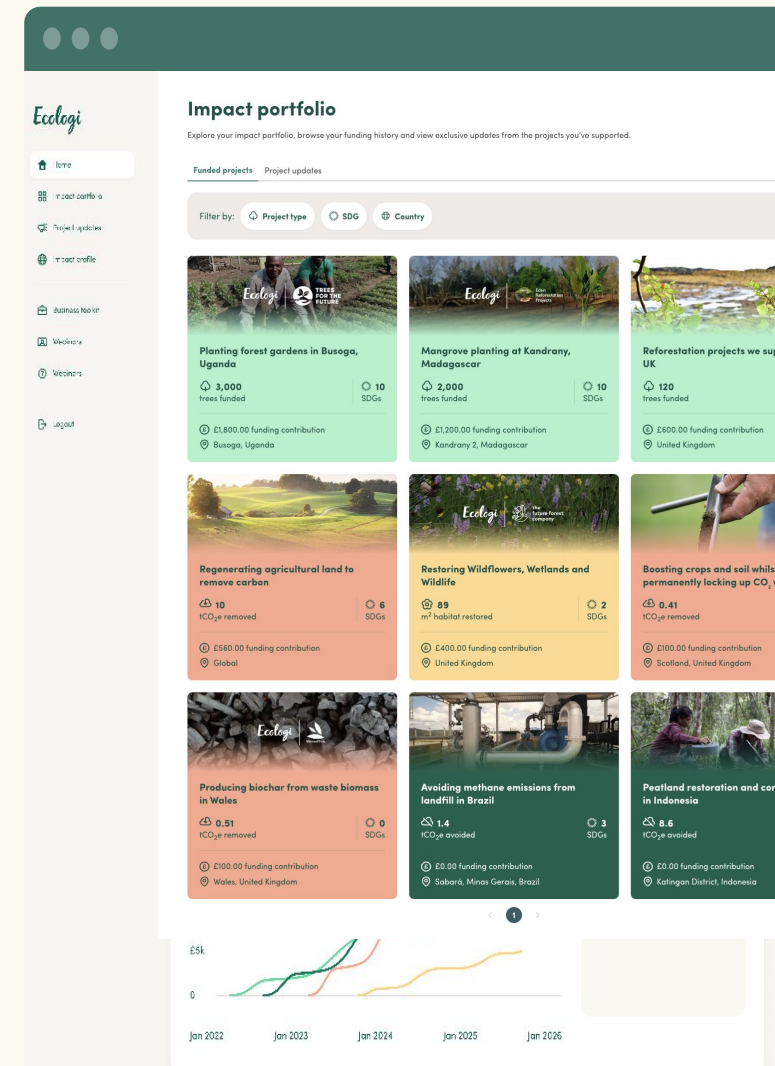
3. Contribution to Restoring Nature

Restore our planet

Mitigate impact of business operations whilst building brand reputation

Support high-quality nature-based projects that restore and protect ecosystems, enhance biodiversity and water security, and strengthen climate resilience for local communities. From reforestation and peatland revival to coastal and blue-carbon habitats, channel finance into measurable nature-positive outcomes that go beyond carbon to actively regenerate the living systems your business depends on. We suggest two main ways:

1. **Funding Climate Action Projects**
2. **Climate Action Workforce**
3. **Integrate climate action into every transaction**



Restore our planet: **Fund Climate Action**

Ecologi supports organisations to engage employees through practical, measurable climate action, strengthening culture, retention and connection to purpose. See types of projects below for pricing and read more [here](#)

Ecologi

Sign in

Tree planting around the world

£0.60/tree

From 10 trees to 100,000, fund native tree planting

CCP-Approved landfill gas projects

£6.90/tonne CO₂e

Fund CCP-Approved carbon avoidance

Blue carbon removal

£42.00/tonne CO₂e

Fund nature-based carbon removal through blue carbon

Nature-based carbon avoidance

£7.90/tonne CO₂e

Fund projects supporting nature-based solutions

Community-based carbon avoidance

£7.95/tonne CO₂e

Fund projects supporting local communities

Tree planting in the UK

£5.00/tree

Fund native tree planting projects in the UK

Wildflowers, wetlands and wildlife

Premium Nature-Based Carbon avoidance (Manoa)

Afforestation

£39.00/tonne CO₂e

Help me decide

£150.00/tonne CO₂e

Peatland restoration in the UK

£5.50/m³

UK Nature Fund

Feedback

Restore our planet: **Climate Action Workforce**

Support your sustainability journey with a simple monthly subscription that rewards your team, and our planet. Give your employees a more meaningful perk by funding certified carbon avoidance and tree planting projects every month. For detailed pricing read more [here](#).

Select the number of employees in each plan

Ultimate plan



£21.40/month

per employee

Double your impact and put the climate at the top of your agenda.

0

▼

 **8 trees** funded/month

 **1.3334 tonnes CO₂e** avoided/month*

Essential plan



£10.70/month

per employee

Make an impact with our most popular plan.

0

▼

 **4 trees** funded/month

 **0.6667 tonnes CO₂e** avoided/month*

Starter plan



£5.35/month

per employee

Get started in your climate action journey.

0

▼

 **2 trees** funded/month

 **0.3334 tonnes CO₂e** avoided/month*

Your monthly total

Total employees

0

Monthly total

£0.00

This charge is not VAT applicable as the service is VAT exempt

Your business' yearly impact

 **0 trees** funded every year

 **0 tonnes CO₂e** avoided every year*

* Based on an average annual carbon footprint of 8 tonnes CO₂e per person ⓘ

Restore our planet: **Integrate climate action into every transaction**

For businesses embedding climate action into products, operations or sales. Create customer value and differentiation with automated climate contributions. Pricing \$0.80 per tree but you can control how you fund the trees, whether per sale, per order or per percentage. Read more regarding this integration [here](#).

Includes:

- Tree planting or carbon funding per transaction
- Shopify, API or Zapier integrations
- Customer facing impact profiles and assets

Best for: Ecommerce, SaaS, subscription services and consumer brands.

Plant trees, boost sales

Delight your customers by transforming their sales into real impact for our planet.

Install app >

Available on the  



 1 tree funded with this purchase

Ecologi

 Trusted by over 2,000 Shopify stores

 5 million trees planted via Shopify

 4.9 star rating on the Shopify App Store

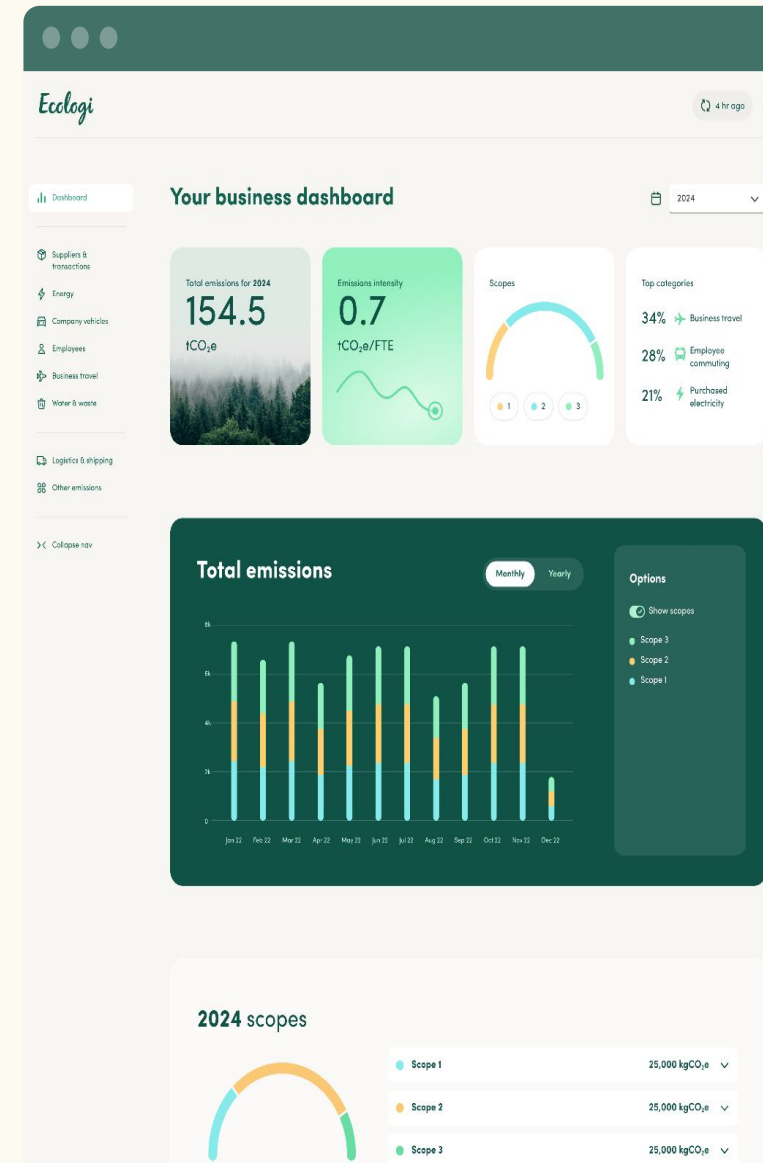


4. Emissions Modelling

Emissions Modelling

Why carry out emissions modelling?

- Quantify what emissions look like if no action is taken
- Identify misalignment between projected emissions and future targets
- Inform strategic decision making
- Strengthen accountability & transparency
- Future proofs your business and clear path to achieving actual targets you are looking to set



The Scenario Modelling Process

What the 5 stages of the scenario modelling project?



Baseline footprint

Review baseline year footprint. Identify trends, hotspots, and opportunities for emissions reduction levers.



Interviews

Meet with key stakeholders relating to emissions hotspots. Discover planned and potential future actions.



Initial model

Consolidate interview data and requested documentation which inform the development of the emissions scenario model.



Review & re-model

Present the initial results to key stakeholders to ensure suggested actions are feasible and actionable. Make any necessary adjustments.



Final report & presentation

Present the proposed emissions reduction levers to key stakeholders. Deliver a summary report of the findings.

Emissions Modelling: Pricing

Base price for this work is £10,000, however as we are beta testing a new platform are we are open to offering a deep discount for this service - tbd.

Additional add on services include:

- SBTi submission support
- SBTi submission Fee
- Annual Model maintenance to remodel based on new reporting year

☐ SBTi Submission Support	£3,000	1	Unit	£3,000
☐ SBTi Submission Fee (pass through to SBTi)	£12,687	1	Unit	£12,687
☐ Annual Model Maintenance (from year 2)	£3,000	1	Unit	£3,000 / year
Prices Are EX-VAT				

Ecologi

Thanks for your time.
We're here if you'd like to get in touch

emily.tradd@ecologi.com