Ecosystem Restoration Standard

Year 2023

# GHG emissions report

# ERS – Ecosystem Restoration Standard

# Foreword

Congratulations on pursuing your climate journey. Greenly is proud to contribute to ERS - Ecosystem Restoration Standard's climate strategy, and support you on a path towards Net Zero.

This report synthesizes the results of your greenhouse gas (GHG) emissions assessment. It is a first step toward identifying reduction actions and helping you plan for the energy transition.

While offering some benchmarks to compare with other companies, a GHG emissions assessment is mainly used to identify ways to improve your global impact and to help you define a reduction trajectory. Achieving your decarbonization targets involves engaging your ecosystem of employees, customers and suppliers who will need to align with your new targets.

The evaluation of your emissions is in line with carbon accounting international standards as standardized by the GHG Protocol.

We are happy to support you on your journey. The entire Greenly team would like to thank you for your outstanding commitment.

**Alexis Normand**

CEO of Greenly

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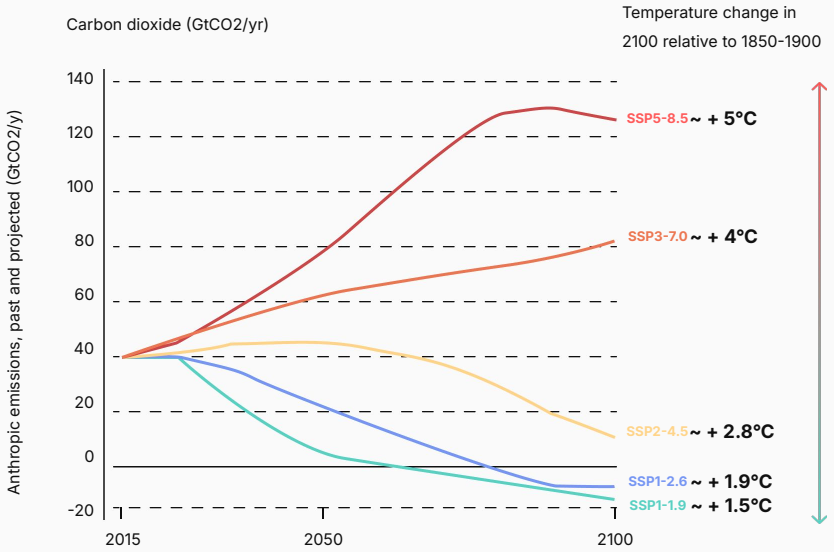
# Why care about the energy transition

Regardless of our management of the environmental crisis, organizations and individuals are heading towards major upheavals that will affect entire ecosystems.




*Source: Carbone 4*

## Two types of disruptions

- Physical risks and constraints
- Transition risks and opportunities

## Impacted sectors

- Production
- Supply chain
- Market
- Infrastructure
- HR
- Legislation

# Physical risks...

## Definition

Risks related to exposure to the physical consequences of global warming

- Average temperature increase and more extreme fluctuation
- Intensification of extreme weather events (rain, heat waves/droughts, etc.)
- Sea level rise
- Scarcity of resources (especially energy), food and water insecurity
- Biodiversity collapse

## What are the consequences if I don't commit?

1. Deterioration of infrastructure, value chain losses
2. Direct economic consequences
3. Low resilience to future events and physical constraints (e.g. natural disaster)
4. Dependence on an increasingly fragile supply chain (availability and cost of resources, flexibility, fluctuation of fossil fuels)
5. Disruptions in living conditions (housing, food, health, transport, etc.)

# Transition risks (and opportunities)

## Definition

Risks related to the transition to a low-carbon economy

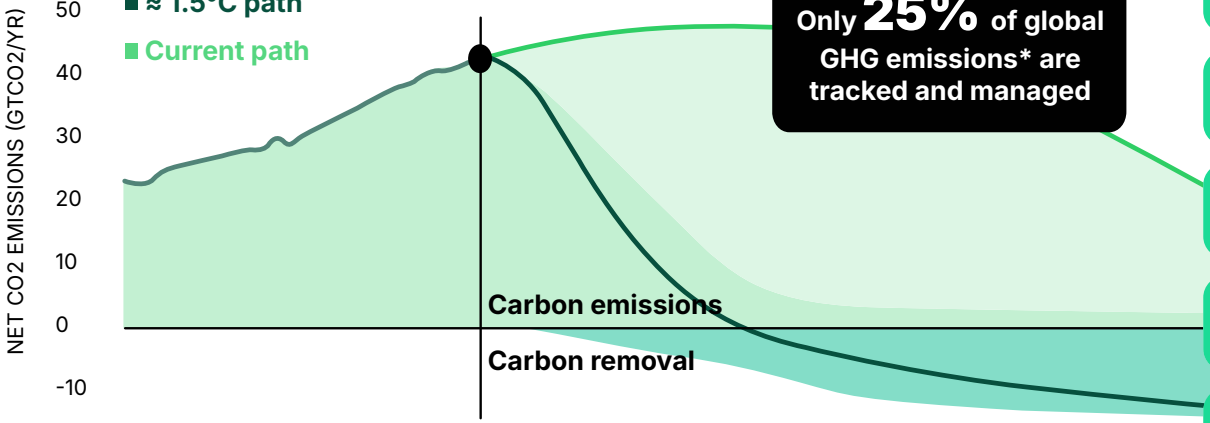
- Regulatory developments and mitigation policies
- Markets and sectors migrating towards promoting low-carbon value creation:
  Opportunities to seize
  Associated market risks
- Growing stakeholder demands on environmental commitments
- Shifting employee mindsets and expectations regarding the environmental reputation of their employer

## What are the opportunities if I commit?

1. Optimization of flows and costs
2. More sustainable business activity and corporate strategy
3. Increased competitiveness within my ecosystem
4. Resilience and autonomy of activities in the face of the new socio-economic paradigm
5. Lower exposure to legal and financial constraints and sanctions

# It is critical to set a course for Net Zero

REACHING PLANETARY DECARBONIZATION GOALS IMPLIES THAT ALL BUSINESSES TRACK THEIR EMISSIONS, REGULATIONS ARE KICKING IN




## Applicable Regulations

- **EU Emissions Trading System** — 2005
- **SECR** — 2019
- **SFDR & Taxonomy** — 2022
- **NFRD & CSRD** — Jan. 2024
- **SEC Disclosure Regulation** — Jan. 2027

Source: *Carbon Pricing Leadership Report

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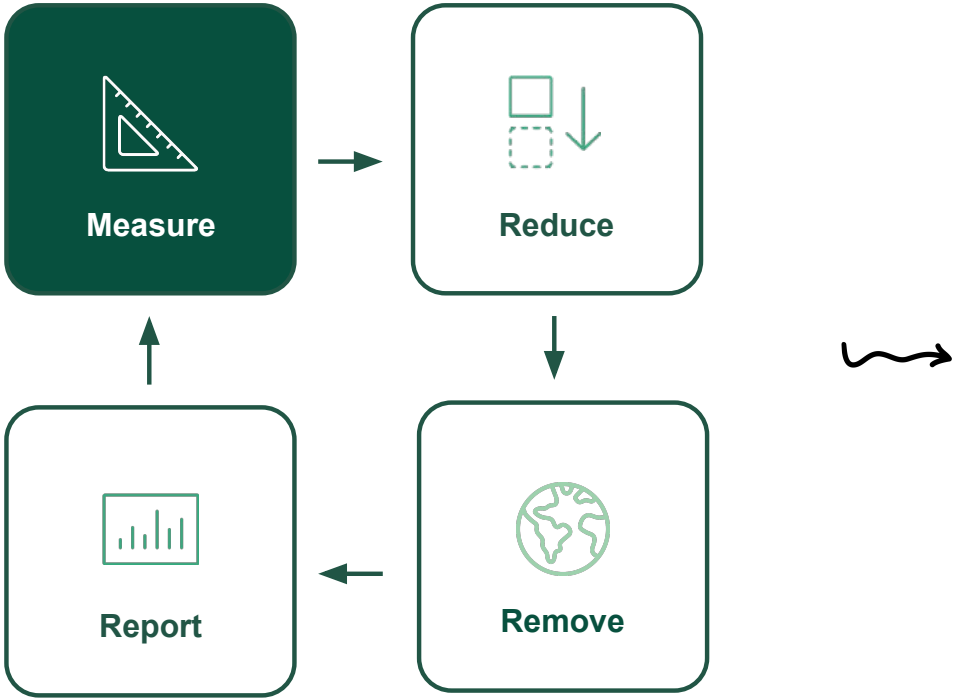
# Solving the Climate Equation

**MEASURING EMISSIONS IS THE FIRST STEP TO SETTING A PATH TOWARDS NET ZERO**




# Carbon accounting methodology

**Scope 1** | Direct emissions

GHG emissions generated directly by the organization and its activities.

**Examples:** combustion of fossil fuels, refrigerant leaks, etc.

**Scope 2** | Indirect emissions related to energy consumption

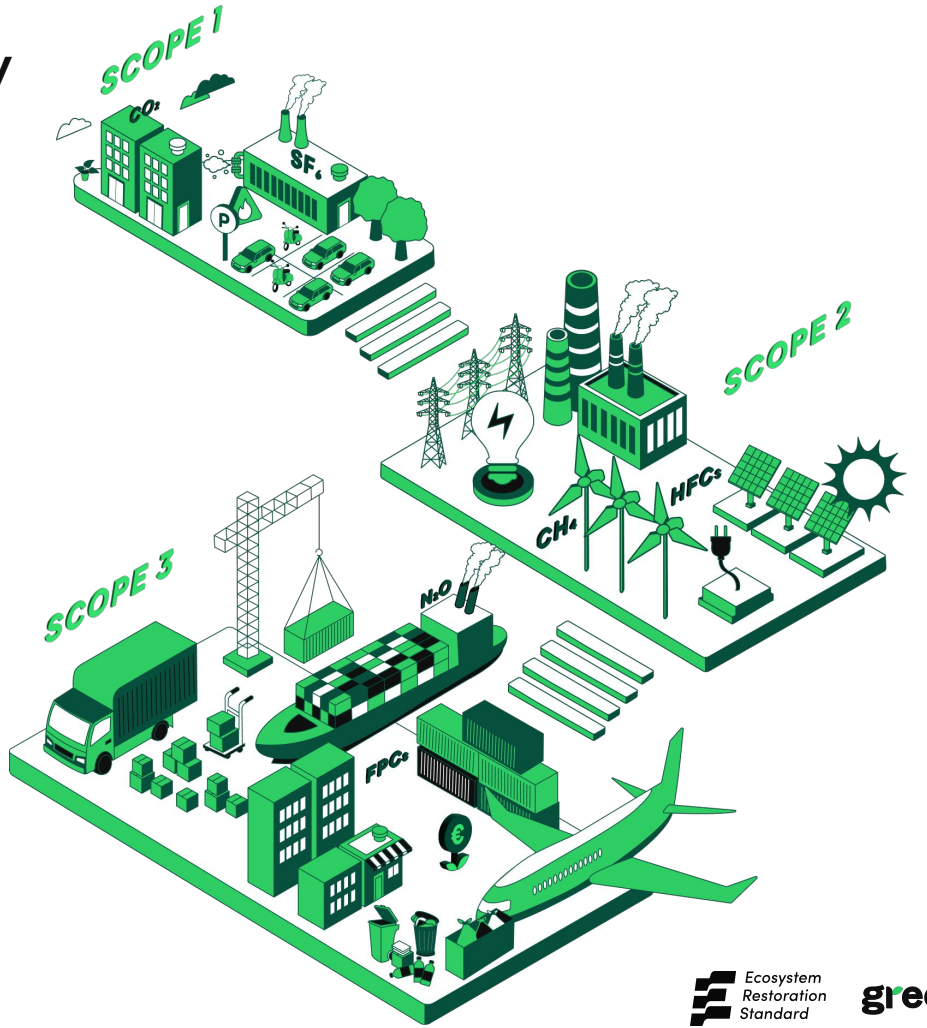
Emissions related to the organization's consumption of electricity, heat or steam.

**Example:** electricity consumption, etc.

**Scope 3** | Other indirect emissions

Emissions related to the organization's upstream and downstream operations and activities

**Example:** transportation, purchased goods and services, sold products, etc.

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# How are emissions computed?

## ANALYZING EMISSIONS, AUTOMATING TRACKING

**27%** of your emissions of 2023 are calculated using activity data

**Activity metrics x Emissions factors = CO2 Eq. Emissions**

Expense based

Increasing Accuracy*

Activity based

| | | |
|---|---|---|
| **Total Expense**<br>80 € | 1.75 kgCO2e/€ | 140 kgCO2e |
| **Total Distance**<br>600 miles | 0.2 kgCO2e/mile | 120 kgCO2e |
| **Total Fuel**<br>40 gallons | 2.8 kgCO2e/gallon | 112 kgCO2e |

*depending on the availability of data

### Emission Factor Sources

ADEME, CDP, IEA International Energy Agency, eurostat, AGRIBALYSE, defra, exiobase, Fraunhofer, European Commission Joint Research Centre, Department for Business, Energy & Industrial Strategy

**Methodological reference:** ADEME note on the use of accounting data for the GHG Accounting

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# GHG emissions assessment scopes

## Entity

ERS - Ecosystem Restoration Standard
From January 2023 to December 2024
-

## Primary data

Accounting data
Employee survey
Buildings data
Activity data from the following module: Travels

## Methodology

Official methodology of ADEME and the French Ministry of Ecological Transition, and Bilan Carbone® methodology; GWP 100

*Emissions generated in and outside the country of operation are accounted for. The methodological details of the calculation of each carbon footprint source are available on the Greenly platform.*

## Measurement scope

**All emissions under operational control**

✔ Category included
○ Category excluded
✘ Category irrelevant

**Scope 1**
✔ 1.1 Direct emissions from stationary combustion sources
✔ 1.2 Direct emissions from mobile combustion sources
✔ 1.3 Direct emissions from physical or chemical processing (other than energy use)
✔ 1.4 Direct fugitive emissions
✔ 1.5 Emissions from biomass (soil and forests)

**Scope 2**
✔ 2.1 Indirect emissions from electricity consumption
✔ 2.2 Indirect emissions from energy consumption (other than electricity)

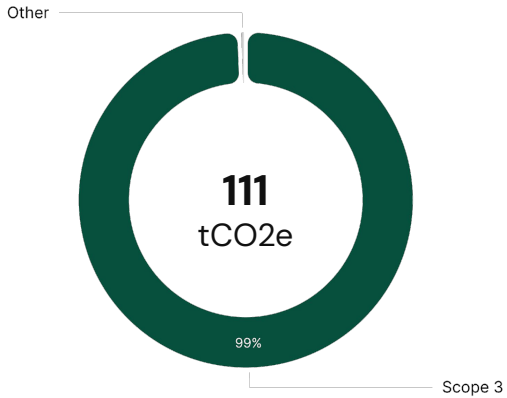
**Scope 3**
✔ 3.1 Upstream transport
✔ 3.2 Downstream transport and distribution
✔ 3.3 Commuting
✔ 3.4 Visitor and customer transport
✔ 3.5 Business travel
✔ 4.1 Purchases of goods
✔ 4.2 Capital goods
✔ 4.3 Waste management
✔ 4.4 Upstream leased assets
✔ 4.5 Purchases of services
✔ 5.1 Use of sold goods
✔ 5.2 Downstream leased assets
✔ 5.3 End-of-life treatment of sold products
✔ 5.4 Investments
✔ 6.1 Other indirect emissions

# Executive summary

This report summarizes the results of ERS - Ecosystem Restoration Standard's 2023 GHG emissions assessment based on the information collected and subject to its completeness, correct categorization and validation. **This assessment is useful in identifying the main areas for mitigating your environmental impact.**


## GHG emission assessment result

| | | | |
|---|---|---|---|
| **Scope 1** | 0.3tCO2e | < 0.1t/employee | 9.8t/M€ |
| **Scope 2** | 0.4tCO2e | < 0.1t/employee | 14t/M€ |
| **Scope 3** | 110tCO2e | 5.2t/employee | 3.8kt/M€ |
| **Total** | **111tCO2e** | **5.3t/employee** | **3.8kt/M€** |




**Results subject to the correct categorization and validation of expenses of ERS - Ecosystem Restoration Standard.**

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# Emissions Report

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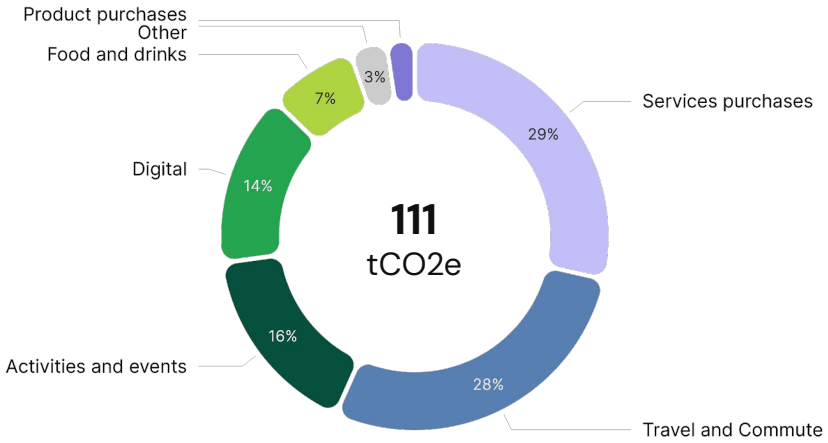
# General overview

## RESULTS BY ACTIVITY

**Total emissions of ERS – Ecosystem Restoration Standard,**

by activity (% tCO2e)




| | Absolute tCO2e | Per employee tCO2e/employee |
|---|---|---|
| **Services purchases** | 32 | 1.5 |
| **Travel and Commute** | 31 | 1.5 |
| **Activities and events** | 18 | 0.8 |
| **Digital** | 16 | 0.8 |
| **Food and drinks** | 8.1 | 0.4 |
| **Product purchases** | 2.6 | 0.1 |
| **Others**** | 3.4 | 0.2 |

**Is equivalent to:**

The amount of CO2 sequestered annually by **10 hectares of growing forest***

The annual emissions of **12 French Residents***

**61 Paris - New York round trips***

*Sources: Labos1Point5, ExioBase, French National Forests Office*

***Energy, Assets, Waste, Freight*

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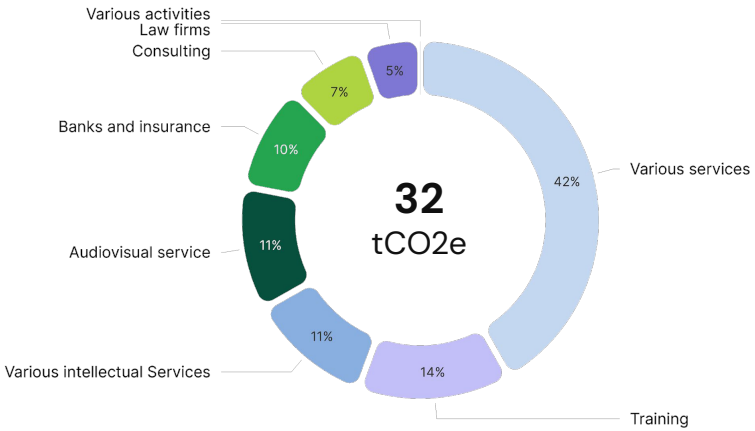
# Focus on Services purchases

| Activity data | Expense data |
|---|---|
| 0 tCO2e (0%) | 32 tCO2e (100%) |

## Services purchases emissions by category
(% tCO2e)




29% of total

### What is included in this category?

CO2 emissions from service purchases, covering professional services. Primarily from upstream energy/material use and energy consumed during service provision.

### How to reduce the impact of this category?

You can adopt the following measures:

- Implement carbon impact conditions in your service purchase policy

## Methodology

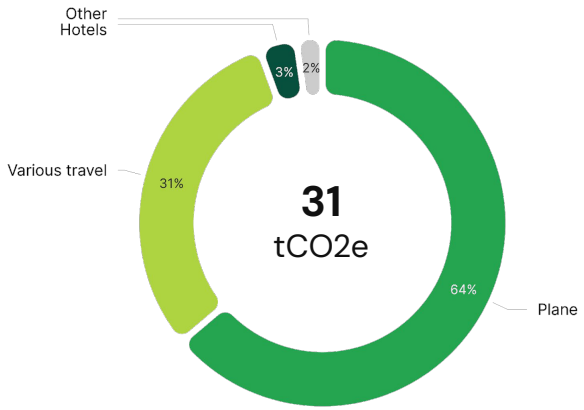
1. Emissions calculated using expense data, by multiplying a quantity by an emission factor.
2. The emission factors used for this category come from the following databases: Base Empreinte Ademe 23.2, Company Report 1.0, Greenly 1.0
3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.

# Focus on Travel and Commute

**Activity data**
19 tCO2e (62%)

**Expense data**
12 tCO2e (38%)

## Travel and Commute emissions by category
(% tCO2e)




28% of total

### What is included in this category?

CO2 emissions from travel and commuting, covering various transportation modes. Includes direct fuel combustion and indirect fuel production emissions.

### How to reduce the impact of this category?

You can adopt the following measures:
- Replace part of your business travel with video conferencing
- Promote teleworking and carpooling
- Favor the train for national travel of employees instead of car travels

See additional best practices in the action plans section

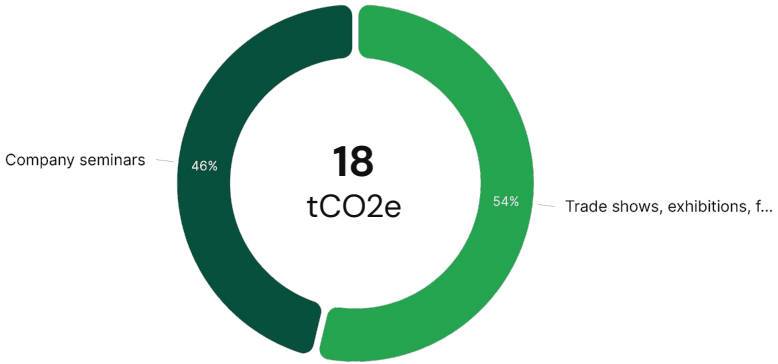
## Methodology

1. Emissions calculated using activity and expense data, by multiplying a quantity by an emission factor.
2. The emission factors used for this category come from the following databases: Greenly 1.0, Uk GHG Conversion Factor 2023
3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.

# Focus on Activities and events

| Activity data | Expense data |
|---|---|
| 0 tCO2e (0%) | 18 tCO2e (100%) |

## Activities and events emissions by category
(% tCO2e)




16% of total

### What is included in this category?

CO2 emissions from activities and events, covering transportation, venue energy use, waste generation, and other related activities.

### How to reduce the impact of this category?

You can adopt the following measures:
- Choose virtuous service providers for catering and accommodation
- Choose virtuous service providers for catering and accommodation
- Rent furniture and cutlery for your events

See additional best practices in the action plans section

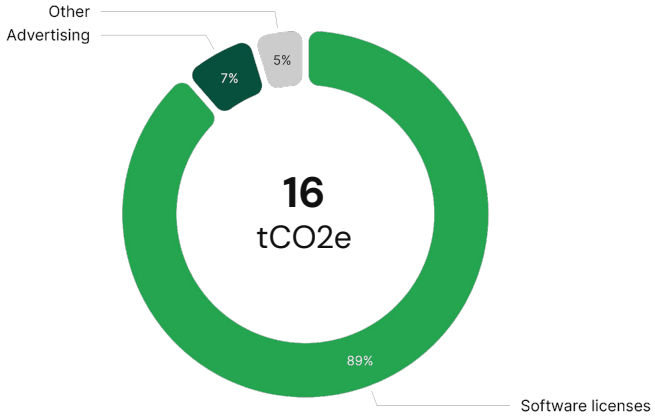
## Methodology

1. Emissions calculated using expense data, by multiplying a quantity by an emission factor.
2. The emission factors used for this category come from the following databases: Base Empreinte Ademe 23.2, Company Report 1.0
3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.

# Focus on Digital

| Activity data | Expense data |
|---|---|
| 0 tCO2e (0%) | 16 tCO2e (100%) |

## Digital emissions by category
(% tCO2e)




14% of total

### What is included in this category?

CO2 emissions from digital activities, covering internet use, data storage, and cloud computing. Includes emissions from data centers, servers, and network infrastructure.

### How to reduce the impact of this category?

You can adopt the following measures:
• Optimize your cloud usage according to their carbon footprint

## Methodology

1. Emissions calculated using expense data, by multiplying a quantity by an emission factor.
2. The emission factors used for this category come from the following databases: Base Empreinte Ademe 23.1, Base Empreinte Ademe 23.2, Company Report 1.0, Greenly 1.0
3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.

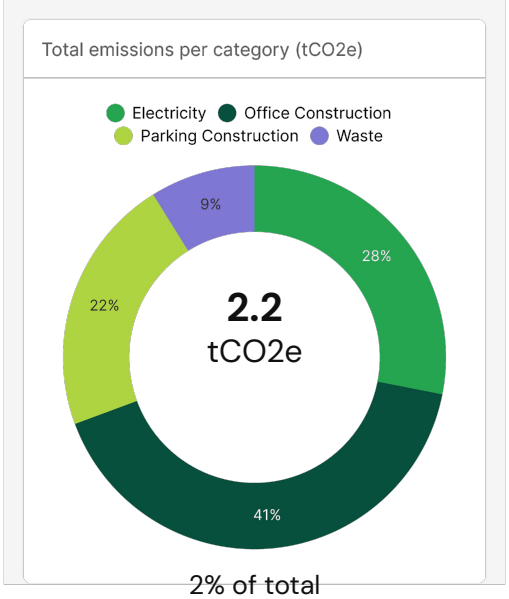

# Focus on Buildings

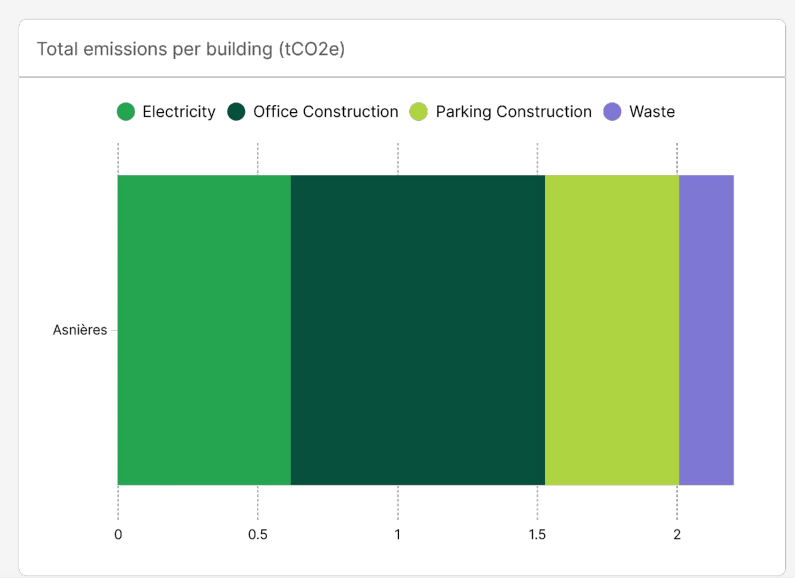
# Focus on buildings

## ACTIVITY ANALYSIS

**Activity emissions**
1.6 tCO2e (72%)

**Estimated emissions**
0.6 tCO2e (28%)




## Methodology

1. Emissions linked to heating and energy use are calculated by multiplying (where available) the building's electricity or gas consumption by an emission factor. Failing this, an estimate is calculated on the basis of building surface area, or even the number of employees when surface area is not provided.
2. Waste-related emissions are estimated on the basis of the number of employees.
3. Air-conditioning emissions correspond to refrigerant leaks (average estimate).

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# Focus on Employees

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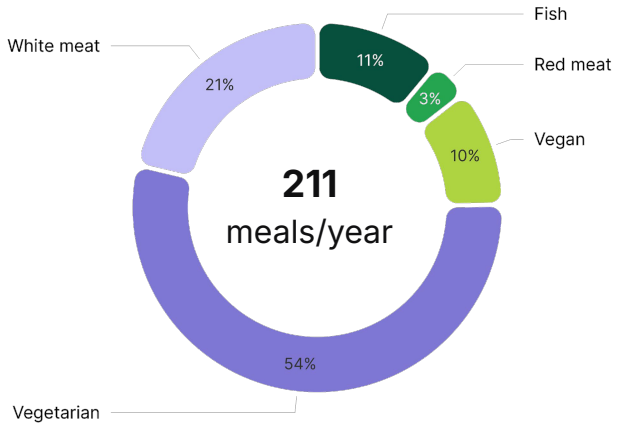
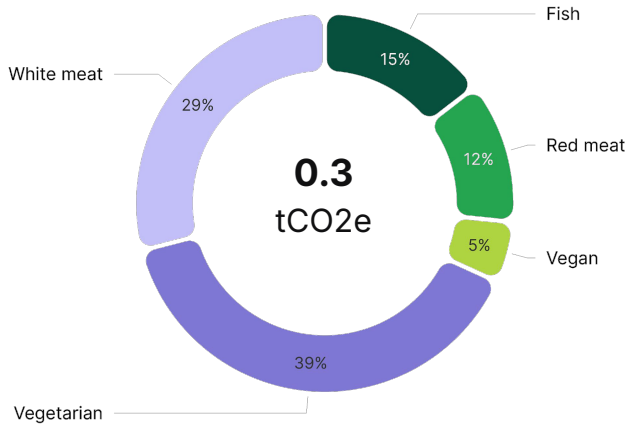
# Focus on Employee Meals

**Number of meals per employee per year**
(per diet)




**GHG emissions**
(tCO2e / employee)

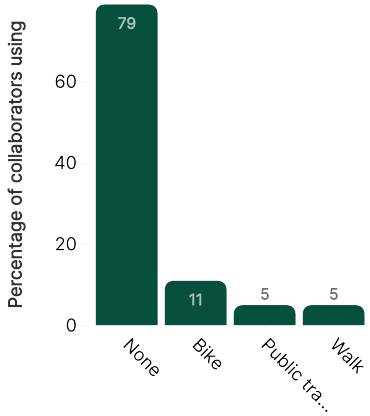



## Methodology

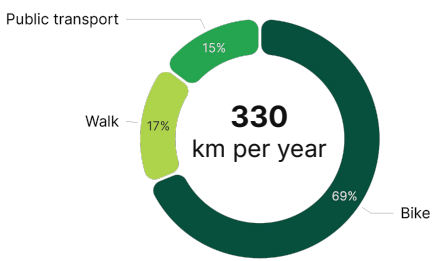
Analysis is based on the employee survey, which obtained a 95% response from your employees to whom the questionnaire was sent (19 responses).
The data used to calculate meals-related emissions are from the French Agency for Ecological Transition (ADEME).

# Focus on Employee Commute

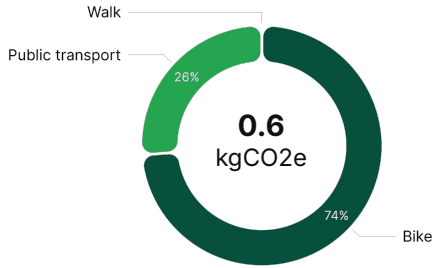
### Usage of transport modes




### Yearly mean distance distribution




### GHG emissions (kgCO2e / employee)




On average, your employees travel 330 km each year, emitting 0.6 kgCO2e for home-work commuting.

## Methodology

Analysis is based on the employee survey, which obtained a 95% response from your employees to whom the questionnaire was sent (19 responses).
The data used to calculate commute-related emissions are from the French Agency for Ecological Transition (ADEME).
More details on the employees page of Greenly

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# Conclusion

# Conclusion

The GHG assessment made it possible to identify ERS - Ecosystem Restoration Standard's main GHG emission sources so as to frame the company's carbon strategy and identify the items that need to be studied in greater depth with the aim of continuously improving the company's environmental impact.
It has been established that direct emissions (Scope 1) and energy-related indirect emissions (Scope 2) represent a small part of a company's impact. It is therefore essential to mobilize our company's suppliers and employees.

To meet the 2015 Paris Agreement target of a 50% reduction in GHG emissions between 2020 and 2030, we need to achieve a 5.9% reduction in emissions within one year (-7 tCO2e).

**The recommended next steps in ERS - Ecosystem Restoration Standard's carbon strategy are:**

1. **Study key emission sources in greater depth,** if you opt for that. Your Climate Expert can help you decide between the different options available!
2. **Establish GHG emission reduction targets and implement an action plan** in order to achieve these targets.
3. **Engage your suppliers** using the Greenly supplier engagement tool.
4. **Engage your employees** using the interactive Greenly training quizzes.
5. **Communicate with your stakeholders** about your commitment and carbon footprint, your reduction targets and the action plan considered.
6. **Contribute to certified GHG reduction / sequestration projects** available on the Greenly platform.

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# Appendix

# Scope 1&2

| Scope | Name | tCO2e |
|---|---|---|
| 1.1 | Direct emissions from stationary combustion sources | 0 |
| 1.2 | Direct emissions from mobile combustion sources | 0.3 |
| 1.3 | Direct emissions from physical or chemical processing (other than energy use) | 0 |
| 1.4 | Direct fugitive emissions | 0 |
| 1.5 | Emissions from biomass (soil and forests) | 0 |
| 2.1 | Indirect emissions from electricity consumption | 0.4 |
| 2.2 | Indirect emissions from energy consumption (other than electricity) | 0 |

To see more details of the methodology for each regulatory entry please visit Greenly!

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# Scope 3

100% accounted

| Scope | Name | tCO2e |
|---|---|---|
| 3.1 | Upstream transport | 0.01 |
| 3.2 | Downstream transport and distribution | 0 |
| 3.3 | Commuting | 1 |
| 3.4 | Visitor and customer transport | 0 |
| 3.5 | Business travel | 39 |
| 4.1 | Purchases of goods | 3 |
| 4.2 | Capital goods | 2 |
| 4.3 | Waste management | 0.2 |
| 4.4 | Upstream leased assets | 0.01 |
| 4.5 | Purchases of services | 57 |
| 5.1 | Use of sold goods | 0 |
| 5.2 | Downstream leased assets | 0 |
| 5.3 | End-of-life treatment of sold products | 0 |
| 5.4 | Investments | 0 |
| 6.1 | Other indirect emissions | 7 |

# Scope 1&2

| Scope | tCO2e | tCO2b | CO2f* | CH4f* | CH4b* | N2O* | Other GHGs* |
|---|---|---|---|---|---|---|---|
| 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.2 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.1 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* Results expressed in tons of CO2e

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# Scope 3

| Scope | tCO2e | tCO2b | CO2f* | CH4f* | CH4b* | N2O* | Other GHGs* |
|---|---|---|---|---|---|---|---|
| 3.1 | 0.01 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.5 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.3 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.4 | 0.01 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.5 | 57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6.1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |

* Results expressed in tons of CO2e

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