



Year 2022

Greenhouse gas emissions report ERS – Ecosystem Restoration Standard.

TCFD

GREENHOUSE
GAS PROTOCOL



10/23/2023



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

A handwritten signature in black ink, appearing to read 'Alexis Normand'.

Overview

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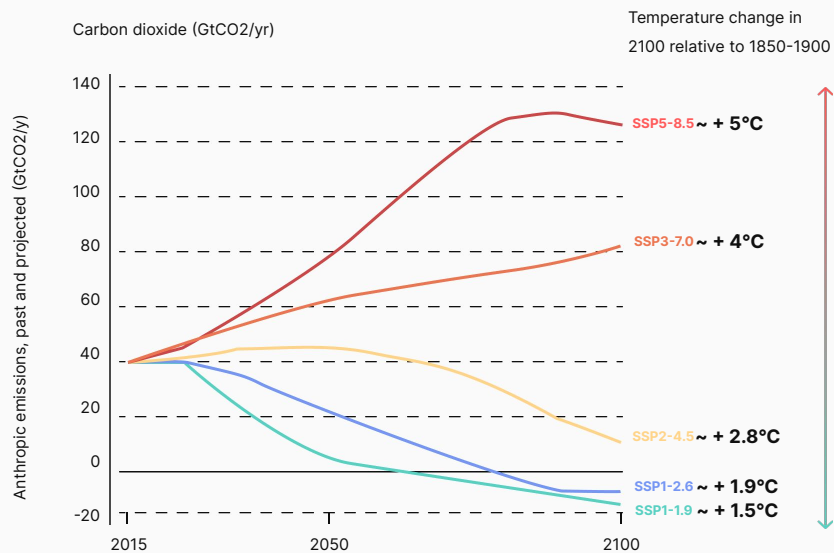
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About Greenly

- Our vision
- Our customers and partners


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



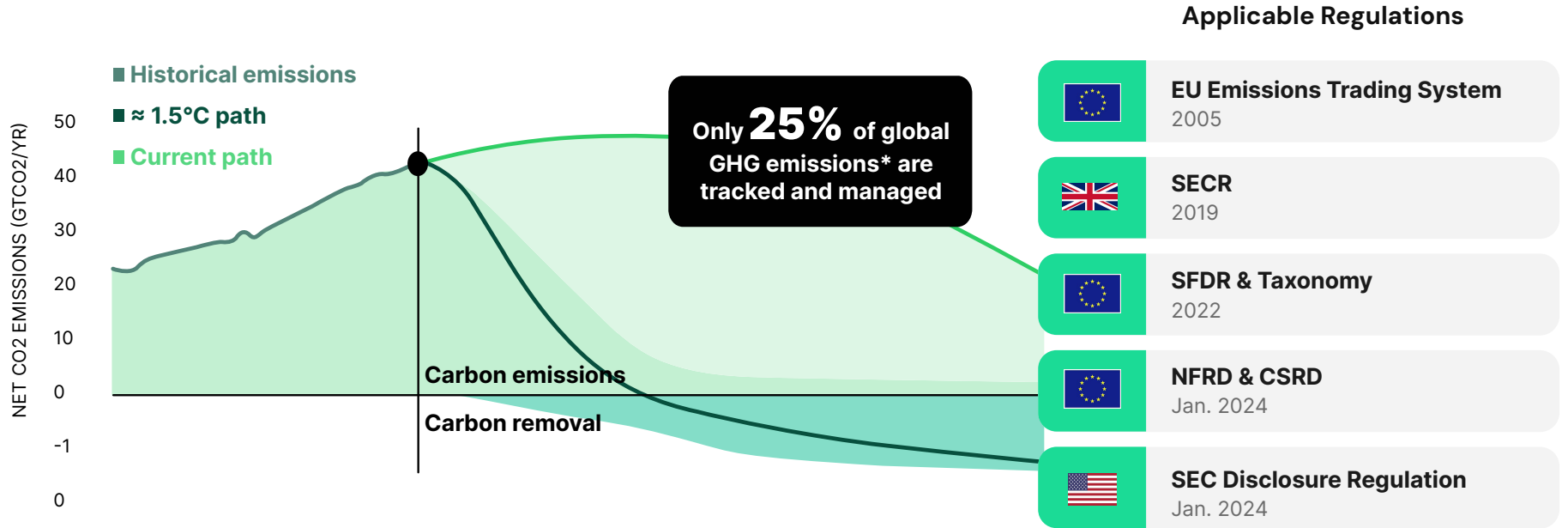
Shifting employee mindsets and expectations regarding the environmental reputation of their employer

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

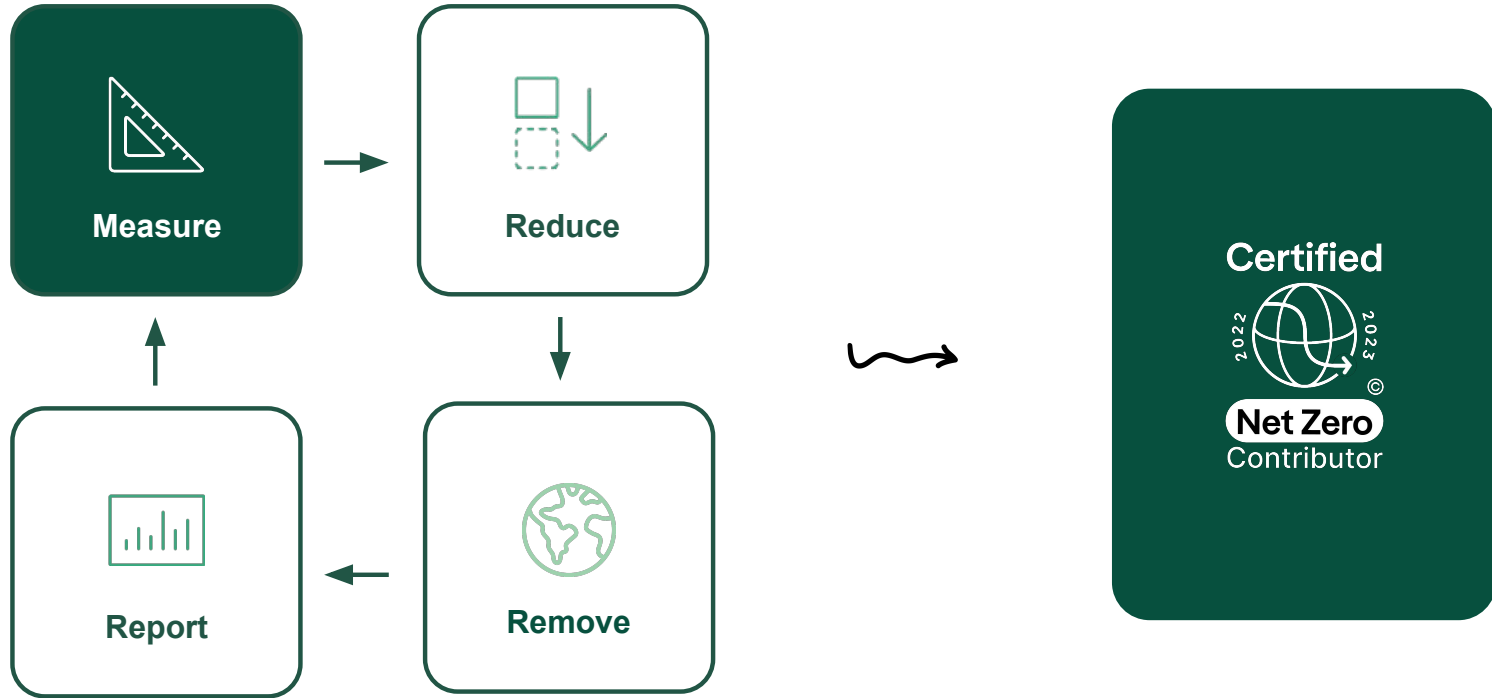
REACHING PLANETARY DECARBONIZATION GOALS IMPLIES THAT ALL BUSINESSES TRACK THEIR EMISSIONS, REGULATIONS ARE KICKING IN



Source: *Carbon Pricing Leadership Report

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

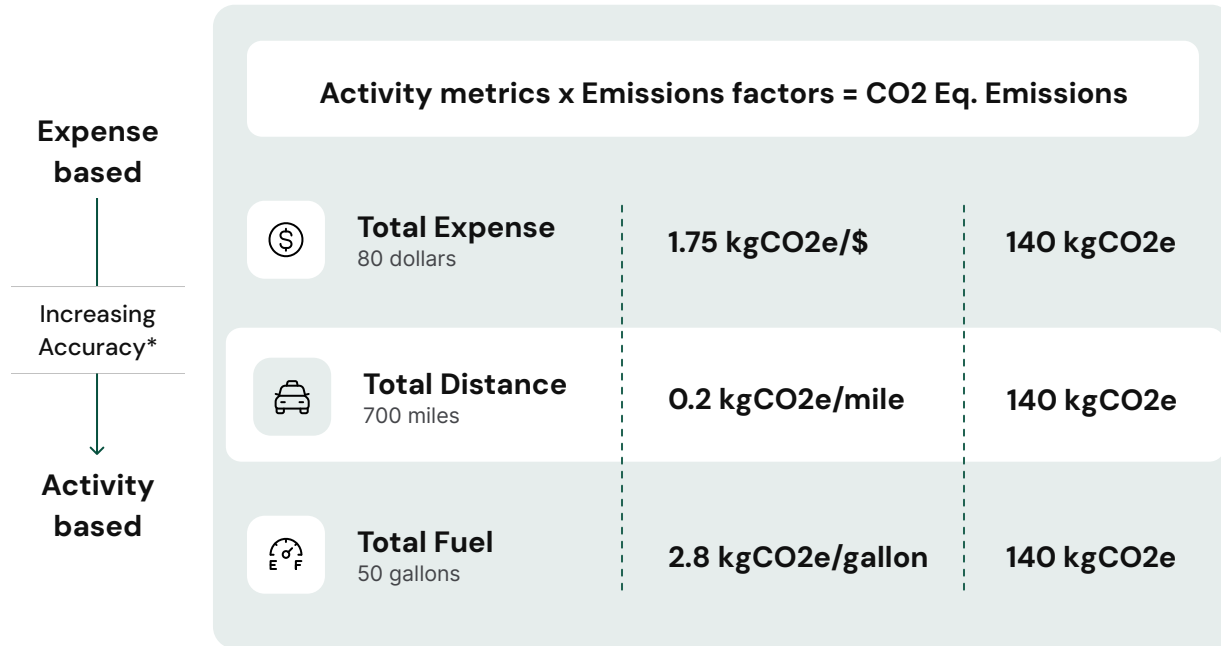
Emissions related to the organization's upstream and downstream operations and activities

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



How are emissions computed?

ANALYZING EMISSIONS, AUTOMATING TRACKING



*depending on the availability of data

Sources of emission factors



exiobase



European
Commission
JOINT RESEARCH CENTRE



Department for
Business, Energy
& Industrial Strategy

| GHG emissions assessment scopes

Temporal scope

Year 2022

Measurement scope

All emissions under operational control

Scope 1

Scope 2

Scope 3

Primary data

Accounting files

Employee survey

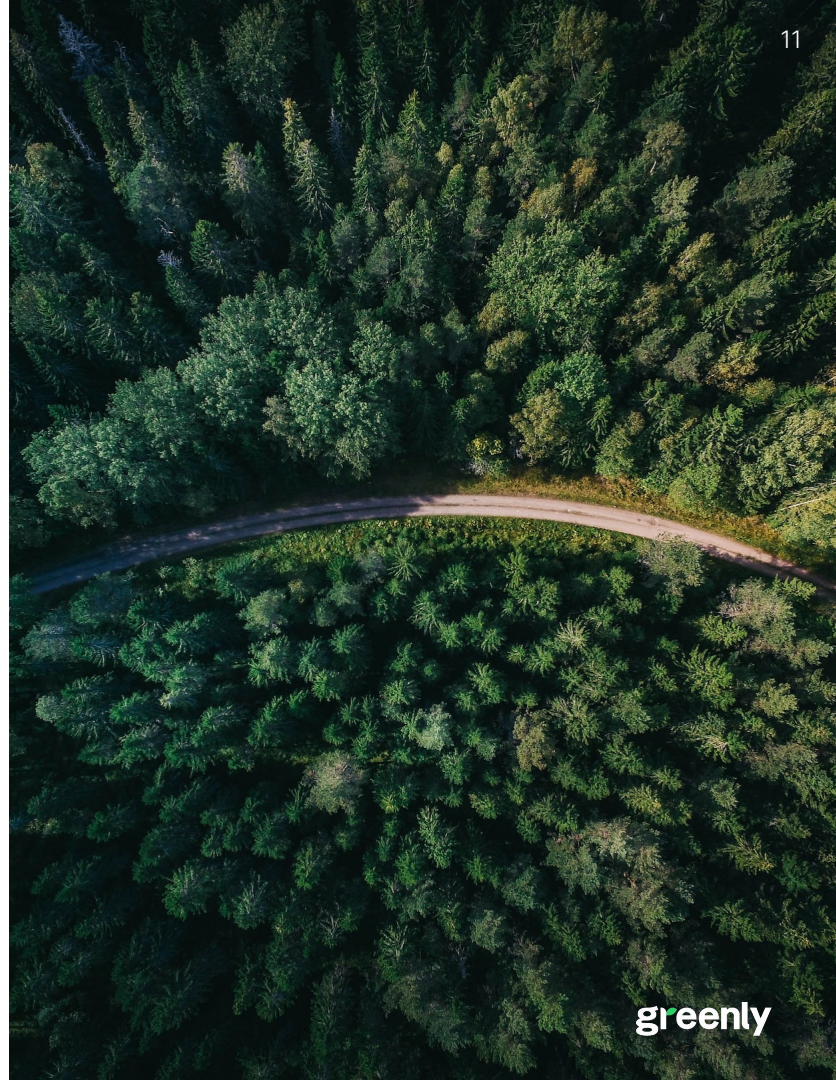
Activity data for some key emission sources

Portfolio data

Methodology

Official and approved GHG Protocol methodology: ISO 14064-1
GWP 100

The methodological details of the calculation of each carbon footprint source are available on the Greenly platform



Executive summary

This report summarizes the results of 2022's ERS – Ecosystem Restoration Standard 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 & 2	0.5 tCO ₂ e	< 0.1 t/employee	4.9 t/M€
Scope 3	91 tCO ₂ e	5.1 t/employee	927 t/M€
Total	92 tCO₂e	5.1 t/employee	932 t/M€

Sector Benchmark

Carbon offsetting & ecosystem restoration
27 tCO₂e/employee
Scope 1, 2 & 3

Based on 2 companies in the sector

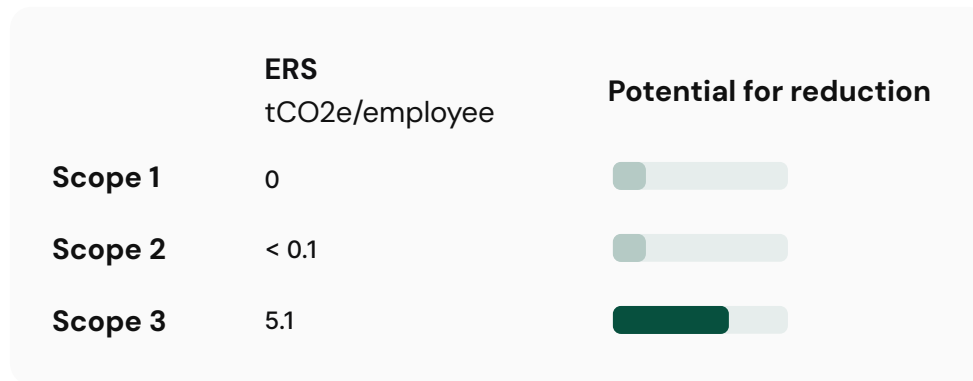
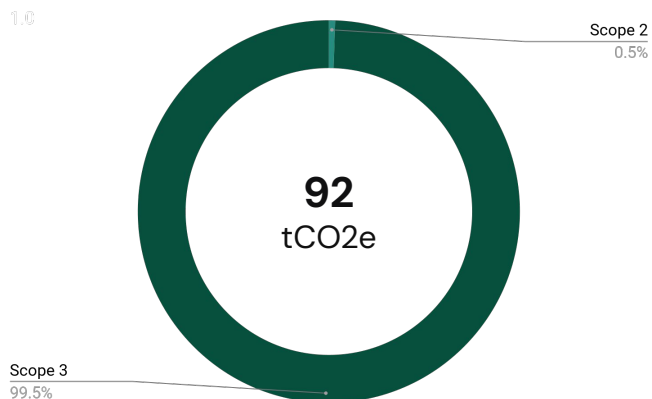


Emissions Report

General overview

RESULTS BY SCOPE

Total emissions of ERS – Ecosystem Restoration Standard,
by Scope (% tCO₂e)



92 tCO₂e is equivalent to

- 1 **51 Paris - New York round trips***
- 2 **The annual emissions of 9.7 French people***
- 3 **The amount of CO₂ sequestered annually by 8 hectares of growing forest***

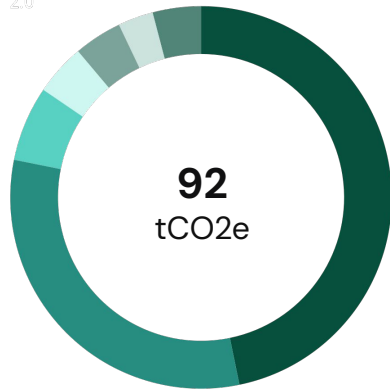
*Sources: [Labos1Point5](#), [ExioBase](#), French National Forests Office

General overview

RESULTS BY ACTIVITY

Total emissions of ERS – Ecosystem Restoration Standard, by activity (% tCO₂e)

2.0



92
tCO₂e

- 46.8% - Travel and Commute
- 31.4% - Services purchase
- 6.4% - Food and drinks
- 4.3% - Digital
- 4.1% - Assets
- 3.0% - Activities and events
- 4.1% - Other

	ERS – Ecosystem Restoration Standard tCO ₂ e	Per employee tCO ₂ e/employee
Travel and Commute	43	2.4
Services purchase	29	1.6
Food and drinks	5.8	0.3
Digital	4	0.2
Assets	3.7	0.2
Activities and events	2.7	0.2
Others*	3.8	0.2

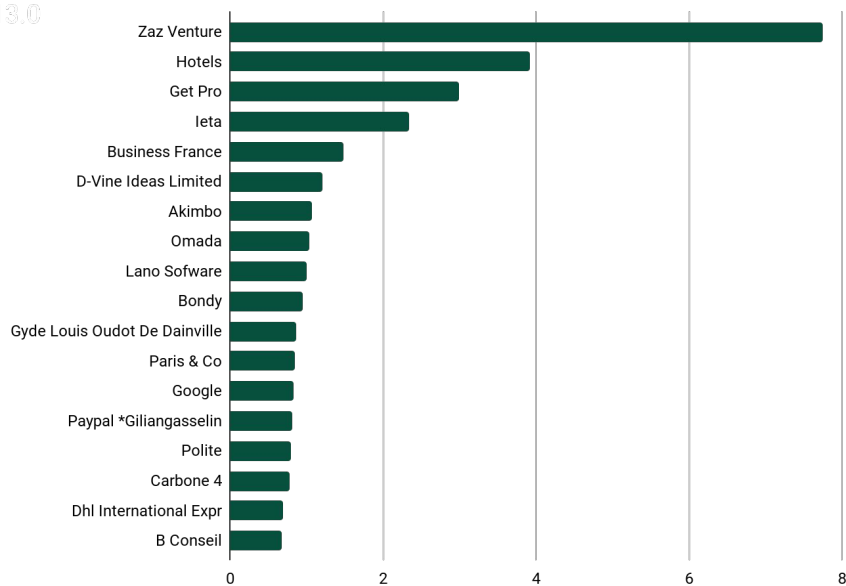
* Product purchase, Energy, Freight, etc.

General overview

RESULTS BY TRANSACTIONS

GHG emissions of the transactions of ERS – Ecosystem Restoration Standard, (tCO₂e)

13.0



Reduction action recommendation – Supplier engagement:

ERS - Ecosystem Restoration Standard can engage its ecosystem of suppliers in order to increase the precision of its GHG assessment and identify opportunities to lower scope 3 supplier emissions.

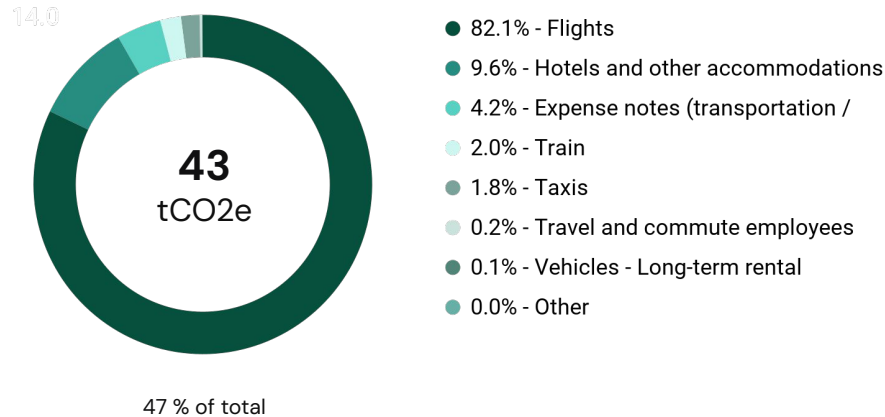
These **18** transactions represent **33 %** of your emissions!

Greenly can assist you with the collection and processing of your supplier data including their GHG assessments and climate strategy.



Focus on Travel and Commute

Travel and Commute emissions by category
(% tCO₂e)



What is included in this category ?

Travel and Commute

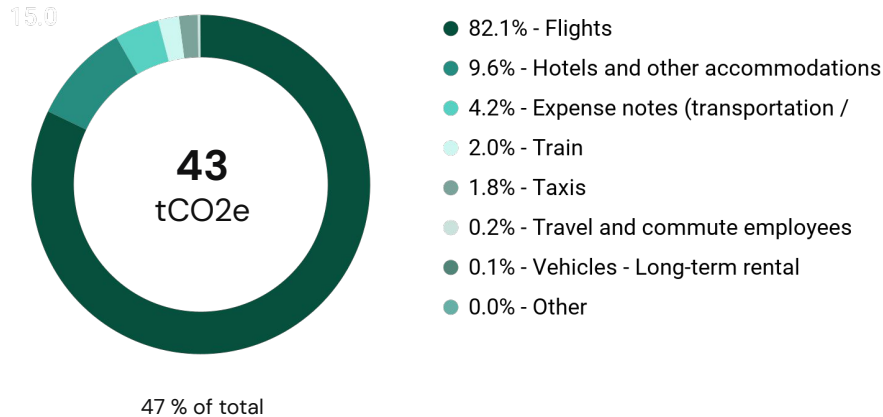
CO₂ emissions from travel and commuting refer to the emissions generated during transportation activities, including commuting to work and business travel. This category encompasses emissions associated with various modes of transportation, such as cars, buses, trains, airplanes, and ships. It includes both direct emissions from fuel combustion and indirect emissions from fuel production, distribution, and the manufacturing of infrastructure and vehicles. The emissions from travel and commuting can vary based on factors like the distance traveled, the mode of transport employed, and the fuel efficiency of the vehicles used.

Methodology

1. Emissions related to commuting are calculated using a physical approach, based on responses to the employee survey: mode of travel, distance, frequency. The emission factors (kgCO₂e/passenger.km) come from ADEME's Base Carbone.
2. Emissions related to business travel are calculated using a monetary approach, by multiplying the price by a monetary emission factor (kgCO₂e/€) coming from ADEME's Carbon Base or studies conducted by Greenly.
3. The specific steps involved in calculating the carbon footprint for each source can be found in the methodological details provided on the Greenly platform.

| Focus on Travel and Commute

Travel and Commute emissions by category (% tCO₂e)



How can we reduce the impact of this category?

Travel and Commute

[See detailed actions here](#)

To reduce the impact of travel within your company, take a holistic approach by developing a mobility plan incorporating several key actions.

Firstly, raise employees awareness on the impact of different modes of transport by organizing information sessions and providing incentives to encourage the use of more sustainable modes of transport.

Secondly, promote sustainable commuting by advocating carpooling, endorsing public transport, establishing bike-sharing programs, or even offering financial incentives for those who opt for low-carbon transport.

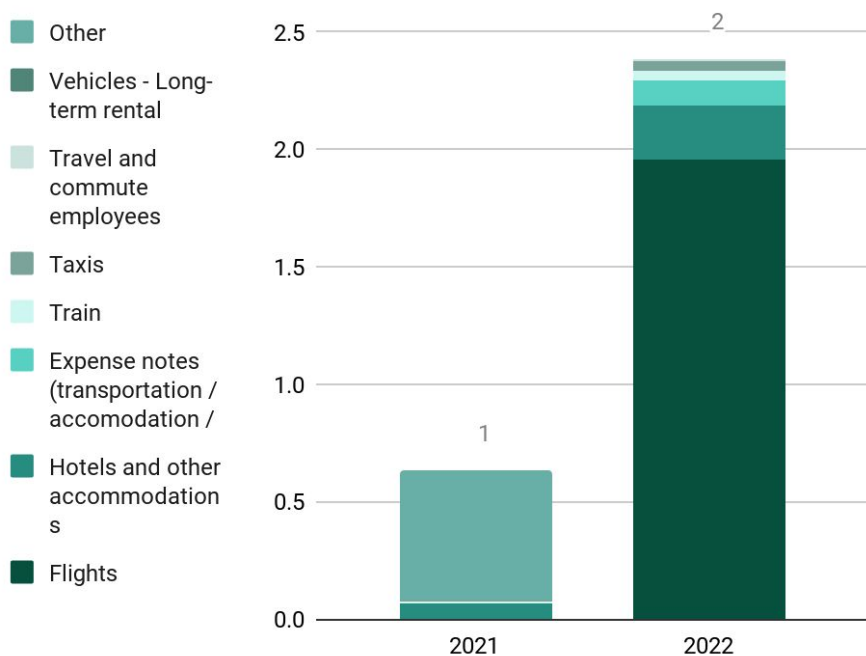
Finally, for business travel, prioritize virtual meetings whenever possible. When travel is unavoidable, choose modes of transport with low environmental impact, such as train rather than plane for regional journeys.

| Methodology

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Focus on Travel and Commute – Comparison

Emissions per employee (tCO₂e/emp.)



Comparison by category

Flights : **New category**

Hotels and other accommodations : **+253%**

Train : **+279%**

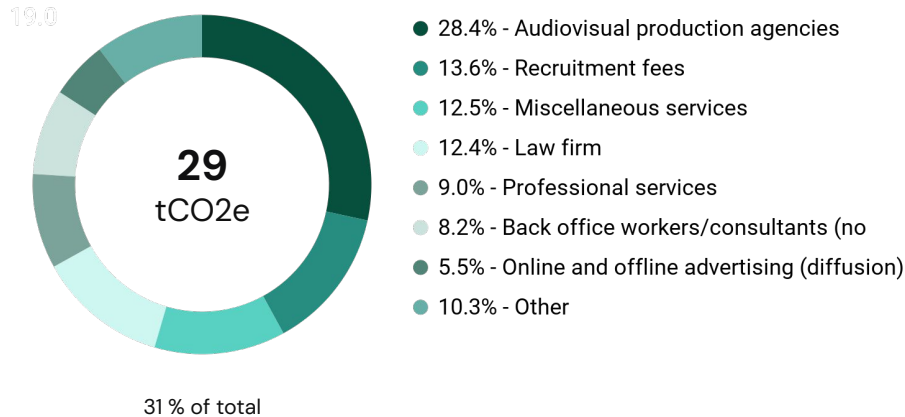
Taxis : **+1058%**

Analysis

Increase in travel and commute (overall), probably due to the fact that in 2021 there were still restrictions from the impact caused by Covid-19, reducing travel.

Focus on Services purchase

Services purchase emissions by category (% tCO₂e)



What is included in this category ?

Services purchase

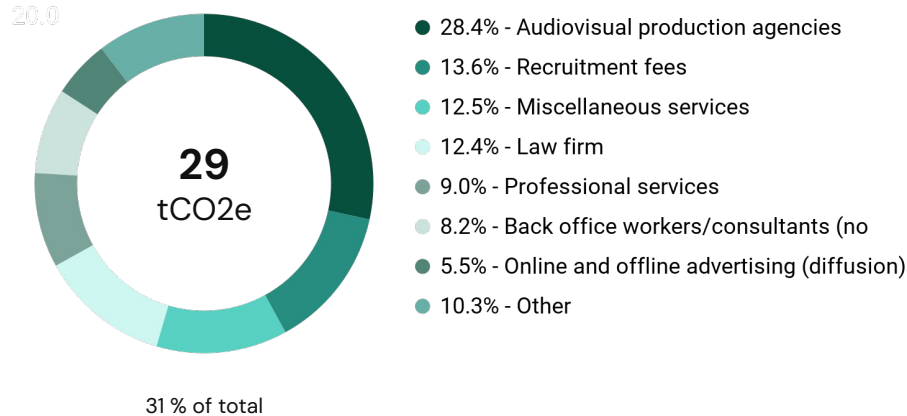
CO₂ emissions related to service purchases refer to the emissions generated by the consumption of various services by individuals and businesses. These emissions arise from activities that involve professional services, ranging from high-value-added work like legal or architectural services to more basic services such as facility cleaning or building maintenance. Estimating these emissions can be challenging without expenditure data, often relying on approximations based on emission factors tied to monetary values. The emissions primarily result from upstream energy or material use, such as the manufacturing of computers or equipment, as well as a smaller portion of energy consumed during the actual provision of the paid service, such as fuel for transportation or energy for heating buildings.

Methodology

1. Emissions calculated using a monetary approach, by multiplying the price by a monetary emission factor (kgCO₂e/€).
2. Monetary emissions factors (kgCO₂e/€) consist of three types: average carbon intensity per unit of revenue of a group of companies for the concerned sector activity; carbon intensity per unit of revenue for the concerned sector activity (ADEME's monetary emissions factors); monetary emissions factors derived from studies conducted by Greenly.
3. The specific steps involved in calculating the carbon footprint for each source can be found in the methodological details provided on the Greenly platform.

Focus on Services purchase

Services purchase emissions by category (% tCO₂e)



How can we reduce the impact of this category?

Services purchase

[See detailed actions here](#)

Service purchases constitute a substantial portion of a company's emissions, particularly within the tertiary sector. As these emissions are intricately tied to one's business ecosystem, it is imperative to actively involve these stakeholders in sustainability efforts. While there are numerous approaches, the initial step is to assess the current situation.

Greenly's Supplier Engagement solution is designed to enable each company to gain a comprehensive understanding of the carbon footprint associated with its supply chain, after which the company can engage its suppliers to develop their own decarbonization strategy.

To reduce these emissions, you can integrate eco-conditions into your company's purchasing policy. Numerous measures can be adopted, but as a primary initiative, we strongly recommend requiring a carbon assessment and the formulation of a reduction action plan.

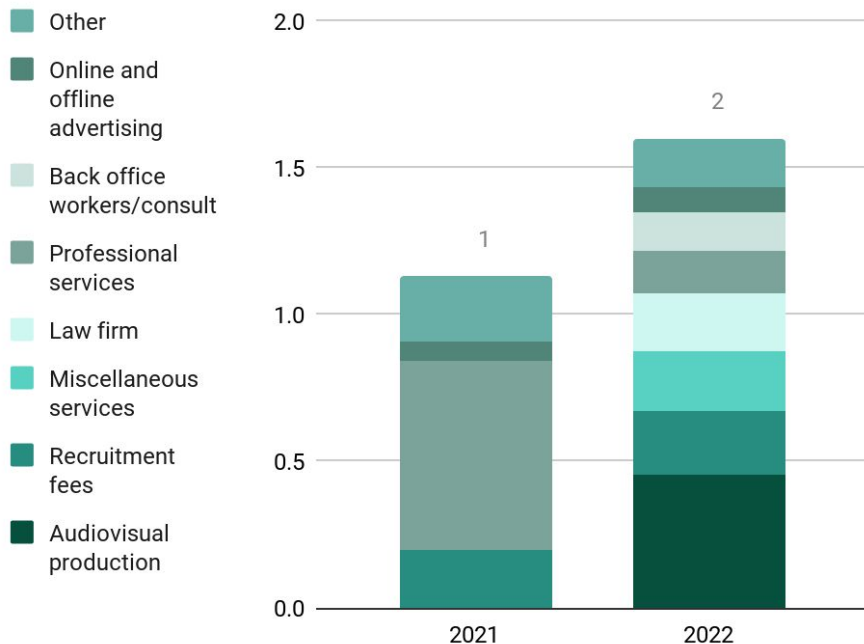
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Focus on Services purchase – Comparison

Susceptible to
undergoing updates

Emissions per employee (tCO₂e/emp.)



Comparison by category

Audiovisual production agencies : **New category**

Recruitment fees : **+10%**

Miscellaneous services : **New category**

Law firm : **New category**

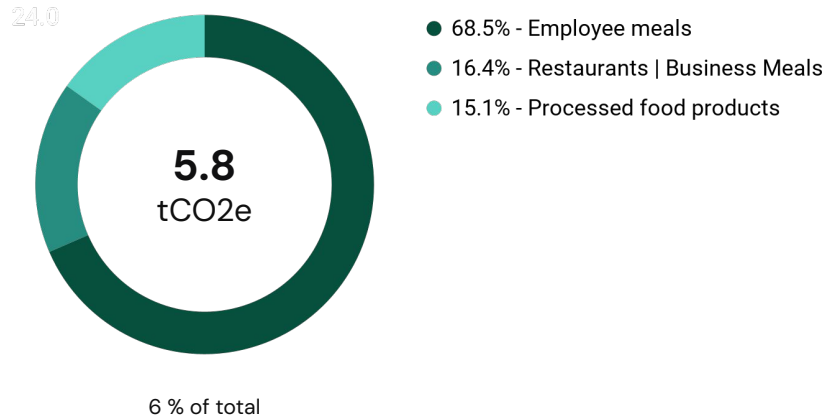
Professional services : **-77%**

Analysis

The rise in emissions can be attributed not only to the increased expenditure in this category, but also to the adoption of more refined categorizations for what was previous categorized as professional services.

| Focus on Food and drinks

Food and drinks emissions by category (% tCO₂e)



🔍 What is included in this category ?

Food and drinks

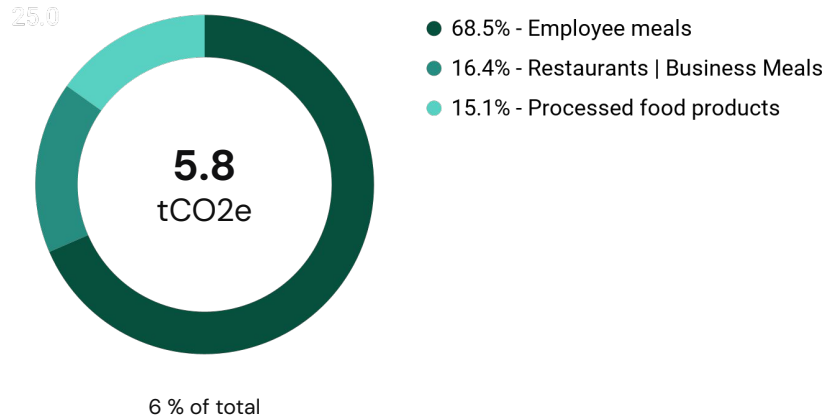
CO₂ emissions from food and drinks are those linked to the production, processing, transportation, and consumption of food and beverages purchased by the company. This category covers emissions resulting from activities like agricultural practices, livestock production, food processing, and packaging. It includes both direct emissions from agricultural activities and indirect emissions from the energy used in food production and transportation. The emissions from food and drinks can vary based on factors such as the type of food, farming methods employed, transportation distance, and the management of food waste.

| Methodology

1. Emissions calculated using a monetary approach, by multiplying the price by a monetary emission factor (kgCO₂e/€).
2. Monetary emissions factors (kgCO₂e/€) are based on ADEME's Carbon Base and the Agribalyse database.
3. The specific steps involved in calculating the carbon footprint for each source can be found in the methodological details provided on the Greenly platform.

| Focus on Food and drinks

Food and drinks emissions by category (% tCO₂e)



How can we reduce the impact of this category?

Food and drinks

[See detailed actions here](#)

To minimize the impact of food within your company, it's essential to adopt a holistic approach that encompasses several key actions.

First and foremost, consider reducing your consumption of animal products by promoting plant-based meals and limiting meat and dairy products. This measure can significantly reduce the GHG emissions linked to livestock farming.

Next, raise employee awareness of the carbon impact of various foods by organizing information sessions and providing educational resources, emphasizing the benefits of vegetarian diets and low-carbon alternatives.

Finally, prioritize the use of local and seasonal ingredients when preparing meals within the company. This will reduce emissions linked to food transport while supporting local producers.

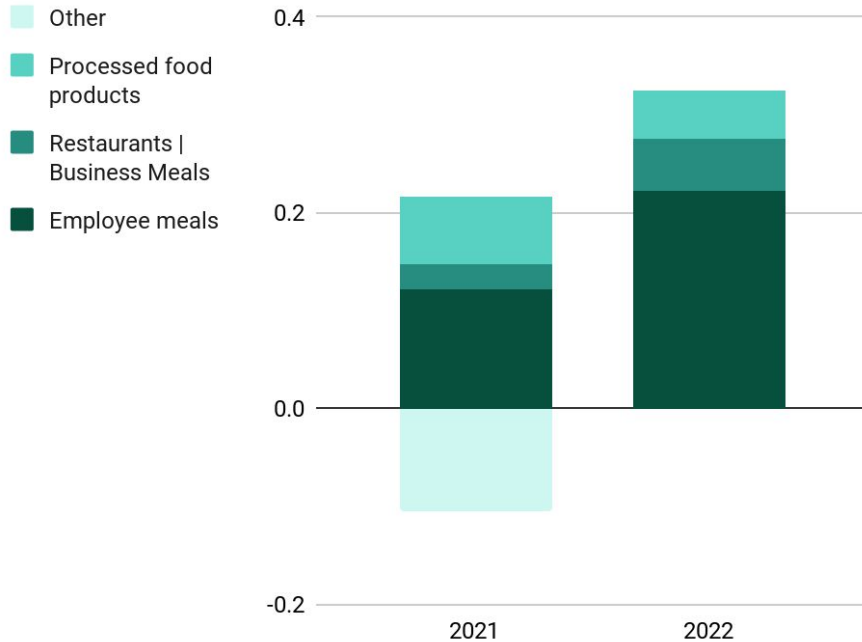
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Focus on Food and drinks – Comparison

Susceptible to
undergoing updates

Emissions per employee (tCO₂e/emp.)



Comparison by category

Employee meals : **+1240%**

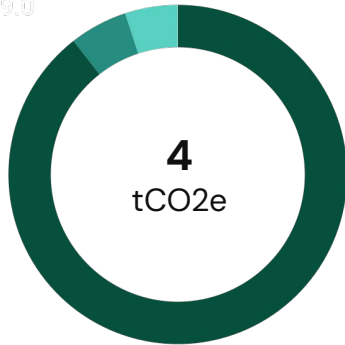
Restaurants | Business Meals : **+103%**

Processed food products : **-28%**

| Focus on Digital

Digital emissions by category (% tCO₂e)

29.0



4 % of total

- 89.4% - Web services, SaaS, IT licenses
- 5.5% - Telecommunication service, internet/phone plans
- 5.0% - Web advertisement
- 0.1% - Google Ads

🔍 What is included in this category ?

Digital

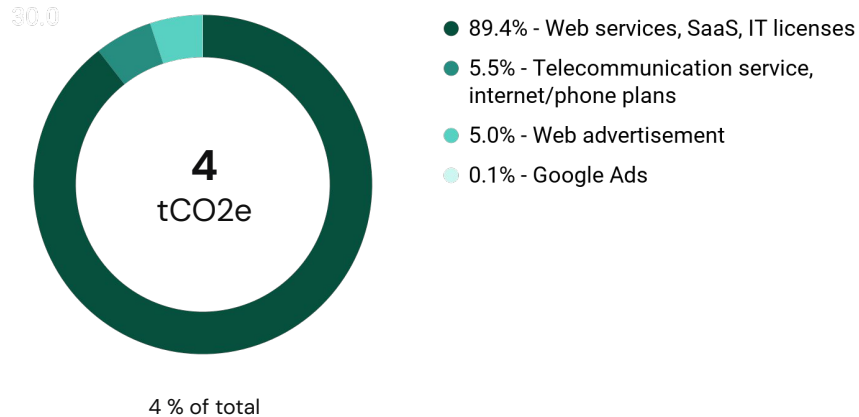
CO₂ emissions from digital activities refer to the carbon dioxide emissions generated by the use of digital technologies and services. This category includes emissions resulting from activities such as internet use, data storage, and cloud computing. It encompasses the energy consumed by data centers, servers, and network infrastructure, as well as the manufacturing and disposal of digital devices, except from end-consumer devices and company-owned devices. The emissions from digital activities are influenced by factors such as the energy efficiency of digital infrastructure, the data storage and processing requirements, and the carbon intensity of the electricity used.

| Methodology

1. Emissions calculated using a monetary approach, by multiplying the price by a monetary emission factor (kgCO₂e/€).
2. Monetary emissions factors (kgCO₂e/€) consist of three types: average carbon intensity per unit of revenue of a group of companies for the concerned sector activity; carbon intensity per unit of revenue for the concerned sector activity (ADEME's monetary emissions factors); monetary emissions factors derived from studies conducted by Greenly.
3. The specific steps involved in calculating the carbon footprint for each source can be found in the methodological details provided on the Greenly platform.

Focus on Digital

Digital emissions by category (% tCO₂e)



How can we reduce the impact of this category?

Digital

[See detailed actions here](#)

The digital sector is responsible for a large quantity of GHG emissions today, and is one of the fastest-growing sectors in terms of energy and material consumption. These emissions stem from several sources including the mineral extraction for IT hardware production, energy usage in data centers and electronic devices, and the generation of e-waste.

To address these emissions effectively, consider adopting more sustainable practices. This may involve using eco-designed hardware, implementing energy optimization consumption policies, and rationalizing the amount of data consumed (particularly for marketing). Finally, it's essential to regularly monitor and measure your GHG emissions to identify opportunities for continuous improvement in your use of digital equipment and reduce your environmental impact.

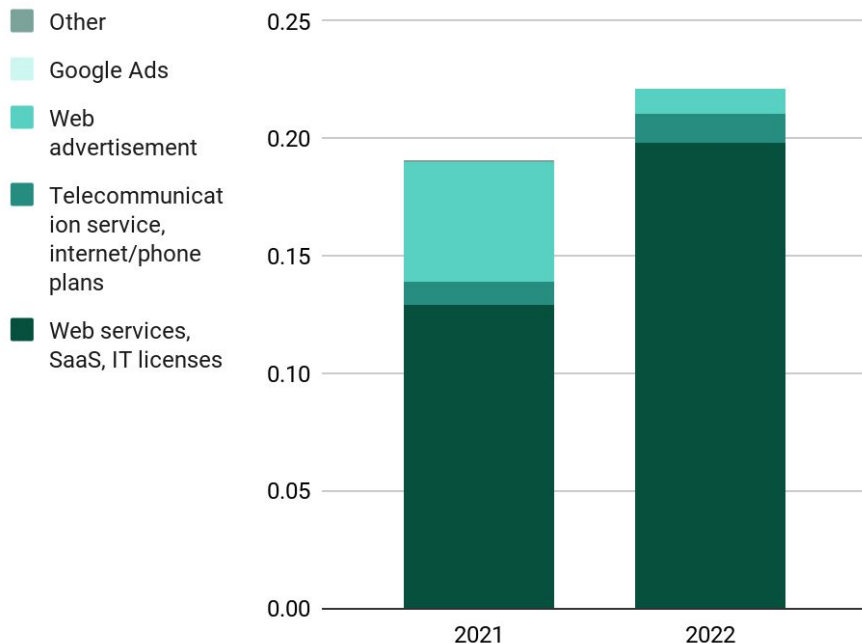
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3. The specific steps involved in calculating the carbon footprint for each source can be found in the methodological details provided on the Greenly platform.

Focus on Digital – Comparison

Susceptible to
undergoing updates

Emissions per employee (tCO2e/emp.)



Comparison by category

Web services, SaaS, IT licenses : **+54%**

Telecommunication service, internet/phone plans : **+24%**

Web advertisement : **-78%**

Google Ads : **New emission source**

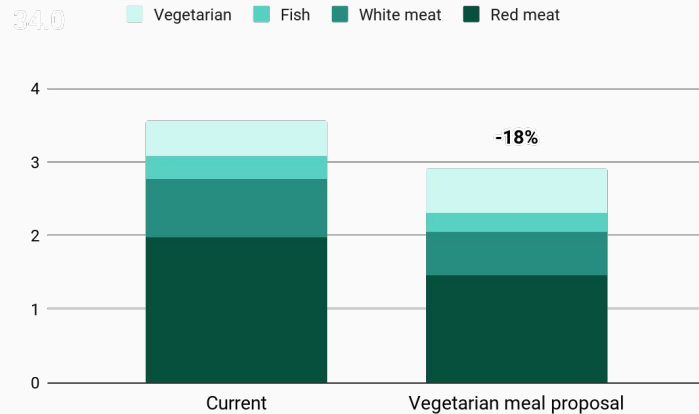
Analysis

The rise in emissions can be attributed not only to the increased expenditure in this category, but also to the adoption of more refined categorizations for what was previous categorized as professional services.

Focus on Employee Meals

Susceptible to
undergoing updates

GHG emissions (tCO₂e)



Your employees are ready to make a difference!

Regarding their meals:

In the survey, we asked your employees what they were ready to do to fight climate change.

93 % of your employees are in favor of at least 1 vegetarian day a week.

Currently, employee lunches generate **3.6 tCO₂e**.

By setting up a “vegetarian day”, you could save **0.6 tCO₂e**.

Methodology

Physical consumption data is based on the employee survey, which got a 83 % response from your employees (15 responses). For those who did not respond, answers are estimated to obtain representative results.

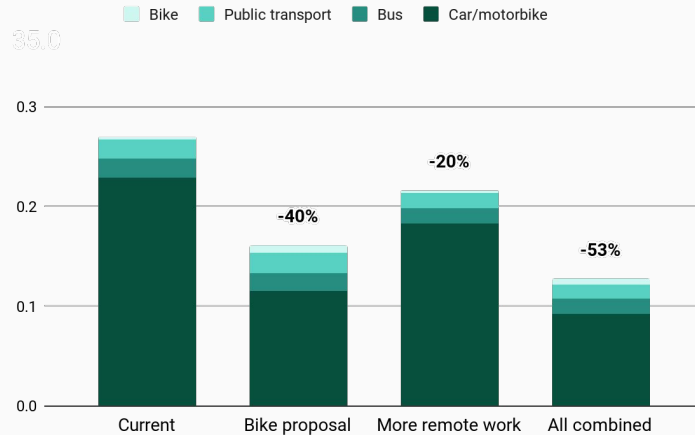
The data used to calculate meals-related emissions are from the French Agency for Ecological Transition (ADEME).

More detail on the assumptions made for these scenarios is available [here](#).

Focus on Employee Commute

Susceptible to
undergoing updates

GHG emissions (tCO₂e)



Your employees are ready to make a difference!

Regarding their daily commute:

50 % of concerned employees are ready to commute via e-bike if the company subsidizes its purchase.

Currently, your employees' daily commute generates **0.3 tCO₂e**.

We've studied 4 emissions reduction scenarios that allow you to spare up to **0.1 tCO₂e** (< 0.1 tCO₂e / employee).

Methodology

Physical consumption data is based on the employee survey, which got a 83 % response from your employees (15 responses). For those who did not respond, answers are estimated to obtain representative results.

In every scenario, only concerned and voluntary collaborators change their behaviour.

More detail on the assumptions made for these scenarios is available [here](#).



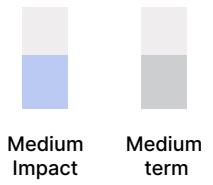
Focus on Action Plans



Stop reimbursing air travel when a 6 hours train alternative is available

COMMUTE - Flights

Opting for train travel instead of air and car travel for short-distance trips (e.g., within a 6-hour train journey) can substantially reduce the carbon footprint of your business travel. Trains have significantly lower carbon emissions per passenger-kilometer compared to airplanes and cars. Apart from being environmentally friendly, train travel offers efficient boarding, minimal waiting times, spacious seating, and direct access to city centers, enhancing the overall travel experience.



Benchmark

Mama *loves ya*

Mama Loves Ya has set a goal to select train travel for 50% of its trips below 750 km by 2025 (versus 10% today). This commitment is projected to result in a 45% reduction in emissions from flights, equating to over 2t of CO2eq emissions avoided annually. Additionally, it will contribute to an 8% reduction in the company's total carbon footprint.

Estimated Impact

Taking a train instead of a car for medium-length distances would cut your emissions by ~80%. Using a train instead of a domestic flight would reduce your emissions by ~84%. From that, you can estimate the total impact of the action plan by assessing which share of your total flight emissions would be impacted.

Estimated Cost

Variable, train tickets may be more or less expensive than plane tickets or car travel depending on various factors.

Recommended Service Providers

[Rome2Rio](#)

[Kombo](#)

Implementation

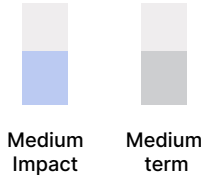
- 1 CONDUCT** an assessment of all existing air travel routes within your organization, identify those that have a train alternative of less than 6 hours, and evaluate the feasibility of replacing air travel with train.
- 2 DEVELOP** and enforce a clear travel policy that mandates the use of train travel instead of air travel for these routes.
- 3 ESTABLISH** and start monitoring your KPIs (ex. total percentage reduction in air travel, percentage reduction in air travel on eligible routes, etc.).



Promote low carbon commuting means

TRAVEL AND COMMUTE - Commute

Private transport associated with daily commuting is one of the world's biggest sources of GHG emissions. To deal with this issue, individual car use must be limited. Active modes of transport (walking and cycling), public transport, and shared mobility (carpooling and car-sharing) should be prioritized. To encourage it, you can raise awareness about alternative transportation options and provide infrastructure, facilities, and financial incentives to support these modes. Consider the possibility of your employees commuting responsibly to work when changing locations of workplace.



Benchmark



Arcadis has implemented a comprehensive strategy to address mobility, focusing on six key areas. This approach has resulted in a 49% reduction in carbon emissions related to transportation within a span of nine years. The company relocated all of its offices to main train stations, enabling easy access to public transport for employees. Additionally, every employee received a mobility card, which facilitates the use of public transport and shared bike and car services.

Estimated Impact

Using a bike instead of a car for short trips reduce travel emissions by ~75%.
Taking a train instead of a car for medium-length distances cut emissions by ~80%.

Estimated Cost

Potential costs associated with investment in infrastructures and subsidies.
Savings from lower reimbursement levels for fuel commuting.

Recommended Service Providers

[Flynnch mobility](#)

[Commuter](#)

[Green commuter](#)

Implementation

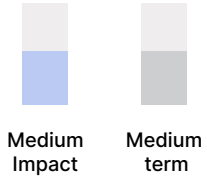
- 1 ESTABLISH** and start monitoring your KPIs (ex. percentage decrease in individual car usage, percentage reduction in carbon emissions from commuting).
- 2 DEVELOP** and implement a mobility plan (get inspiration from successful case studies, such as the one of Arcadis, read recommendations such as [this guidebook](#), or work with a service supplier).
- 3 SOLICIT** employees feedback through surveys, suggestion boxes, or dedicated feedback sessions to gather insights and address concerns.



Promote teleworking and carpooling

TRAVEL AND COMMUTE - Commute

Private transportation is a significant contributor to global GHG emissions. Promoting teleworking and carpooling are valuable strategies for mitigating the carbon emissions associated with daily commuting, particularly in cases where the office is not easily accessible via active modes of transportation like walking and cycling, or public transportation. In addition, teleworking can improve employee productivity by minimizing distractions, reducing commuting stress, and increasing work-life balance.



Benchmark

RICHEMONT

Richemont achieved a 73% reduction in commuting emissions in a year by implementing a teleworking policy. This achievement was determined through a survey conducted among employees, comparing commuting emissions before and after the policy implementation.

Estimated Impact

Carpooling reduces emissions by sharing the emissions associated with the commuting journey among multiple passengers in a single vehicle, replacing individual cars. By increasing average car occupancy from the average 1.2 passenger up to 4, emissions can be divided by 4. Teleworking limits the emissions associated with commuting per employee on the days they telework.

Estimated Cost

Potential reduction in operational costs (reduced office space, utilities, office supplies, maintenance expenses). Additional spending on IT and digital tools are usually negligible compared to the cost savings.

Recommended Service Providers

[Carpool](#)

[Comovee](#)

[Poola](#)

Implementation

- EVALUATE** the organization's readiness for teleworking and carpooling initiatives, and there is a necessary technological infrastructure to support remote work.
- ESTABLISH** and start monitoring your KPIs (ex. percentage reduction in commuting emissions, percentage increase in teleworking adoption rates, percentage increase in carpooling).
- DEVELOP** teleworking and carpooling policies that outline guidelines, eligibility criteria, and data security measures. Provide training and resources to employees to enhance their remote work capabilities, including best practices for teleworking and carpooling.



Offer eco-driving courses

TRAVEL AND COMMUTE

Eco-driving is a socially responsible way of driving that reduces fuel consumption, cuts GHG emissions, and reduces the risk of accidents. It includes, but is not limited to: starting and moving forward moderately, voluntarily limiting speed; thinking ahead to avoid unnecessary harsh accelerations and decelerations, driving in the highest gear possible, using engine brakes as much as possible, using auxiliary equipment in moderation to avoid additional fuel consumption, checking your tire tread and tire pressures, removing unnecessary roof racks, and avoiding any unnecessary weights.



Low Impact



Short term

Benchmark



Tire manufacturer Michelin has developed eco-driving training programs for its employees as part of their sustainability policy. These training programs aim to raise awareness among drivers about good practices for fuel-efficient and eco-friendly driving.



The French postal service, La Poste, has also adopted eco-driving training for its delivery vehicle drivers. These training programs aim to promote eco-friendly driving by emphasizing the reduction of fuel consumption and CO2 emissions.

Estimated Impact

The average reduction achieved is included between 5 and 10%. Reducing the speed can yield even greater savings (20% fuel consumption reduction by switching from 130 km/h to 110).

Estimated Cost

\$100-500 per employee for a professional training session.

Recommended Service Providers

[I am commercial](#)

[Ecodriving](#)

Implementation

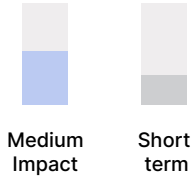
- 1 FIND** a partner that offers eco-driving formation or raise awareness internally around sustainability practices while driving.
- 2 ROLLOUT** the training sessions or awareness raising content by focusing first on the teams travelling the most by car (sales, typically). Eventually, construct a sustainable mobility charter they can sign.
- 3 FOLLOW** individual fuel consumptions to ensure the actions are applied.



Replace part of your business travel with video conferencing

TRAVEL AND COMMUTE

By promoting the use of video conferencing instead of direct travel, your business travel CO2 emissions will be significantly reduced. This is the main reason why overall emissions were particularly low during the COVID period!



Benchmark



Microsoft has been actively promoting the use of video conferencing and reducing business travel. In a blog post, they shared that they have saved millions of dollars in travel expenses and reduced carbon emissions by using Microsoft Teams for meetings and collaborations instead of traveling to different locations.



Accenture, a global professional services company, has recognized the environmental impact of business travel and actively encourages the use of virtual meetings.

Estimated Impact

While the costs of these meeting forms depend on many factors such as distance traveled, meeting duration, and the technologies used, we find that video conferencing takes at most 7% of the energy/carbon of an in-person meeting. Emissions are thus reduced by more than 90%.

Estimated Cost

Given online meeting solutions are already in place for most companies, no additional cost comes from this measure.

Recommended Service Providers

Your current video conferencing provider

Implementation

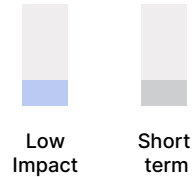
- 1 IDENTIFY** the routes that can be avoided and agree with the different actors of the meetings on a video conferencing solution.
- 2 ESTIMATE** the carbon and monetary savings from avoiding transportation.
- 3 AGREE** with partners/colleagues who usually meet in person to schedule the video conference meeting.



Favor direct flights in economy

TRAVEL AND COMMUTE

The carbon footprint per passenger of a flight increases when the occupancy rate of the plane decreases. The larger the seat, the more space it takes up in the aircraft cabin, contributing to a decrease in the number of passengers allowed on a plane. Additionally, direct flights emit less carbon than flights with stopovers because they don't require the plane to take off and land multiple times.



Benchmark



The sustainable travel policy of the United Nations outlines sustainable travel measures for their employees, including choosing the most direct route with no stop-over and systematically choosing economy class for employees for trips of less than 9 hours.

Estimated Impact

Reduction of emissions by a factor of 3 when traveling in economy rather than business class, and by a factor of 6 when traveling in economy rather than in first class
Reduction of emissions by roughly 10% when comparing flights with a stop-over and direct flights.

Estimated Cost

This action plan only results in cost savings as direct, economy class ticket are usually less expensive and more time-efficient.

Implementation

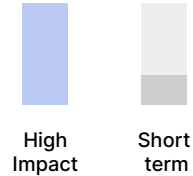
- 1 DEVELOP** a Sustainable Travel Policy in which you include guidelines and criteria for selecting direct flights and for employees to travel in economy class.
- 2 PROMOTE** awareness and employee engagement on the importance of sustainable travel and the rationale behind favoring direct flights and economy class travel.
- 3 ESTABLISH** and monitor your KPIs (example: Percentage of flights booked as direct flights, Economy class travel rate, GHG emissions per employee or per kilometer traveled). Regularly communicate progress and achievements.



Favor the train for regional or national travel of employees

TRAVEL AND COMMUTE

Regional trains emit 3.6 times less CO2 than internal combustion cars. High-speed trains emit 45 times less CO2 than combustion cars. What's more, colleagues can work on their computers during the train journey, and generally arrive in the city centre, close to public transport.



Benchmark



SAP has implemented a comprehensive travel and transportation policy that encourages employees to use trains for regional and national travel. They provide tools and resources to help employees plan and book train journeys effectively to reduce emissions and promote sustainable travel practices.



Siemens, a global technology company, has actively promoted the use of trains for business travel. They encourage employees to choose trains over cars, especially for short- and medium-distance trips.

Estimated Impact

Up to a 75% reduction in emissions.

Estimated Cost

Although trains can currently be more expensive than individual cars, this balance might shift as fuel prices are expected to soar. Additionally, you need to incorporate the work time saved into the equation.

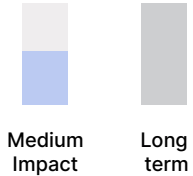
Implementation

- 1** **SUBSTITUTE** travel by teleconference meetings when conditions allow.
- 2** **IDENTIFY** routes that can be replaced by rail.
- 3** **RAISE** awareness of the environmental impact of different means of transport among the various stakeholders.

Implement carbon impact conditions in your purchase policy

SERVICE PURCHASE

Procuring products and services often contributes to a significant portion of a company's emissions, with supply chains accounting for over 80% in consumer companies. To effectively address this issue, incorporating eco-conditions into your company's purchasing policy is a direct and efficient approach. Consider establishing requirements like the use of recycled materials and conducting a GHG assessment to ensure quantifiable environmental impact. These measures can be applied both with existing providers and during the contract awarding process.



Benchmark



In 2020, several companies joined forces to launch the 1.5°C Supply Chain Leaders with the Exponential Roadmap initiative. It involves management commitment to work with suppliers to halve their GHG emissions before 2030, establishing public targets, and supply chain GHG mapping and prioritization. Livent emphasizes the monitoring and reduction of GHG emissions by its suppliers. As part of the pre-qualification process, Livent assesses suppliers' willingness and ability to meet their requirements through a questionnaire, and reviews answers periodically to ensure adherence.

Estimated Impact

Increased visibility into the carbon footprint of your suppliers and the ability to implement diverse eco-conditions within your purchasing policy can yield a significant impact on your scope 3 emissions in the long run. Can serve as a catalyst to encourage other industries to embark on decarbonization efforts.

Estimated Cost

Variable depending on the resulting changes in the supply chain.

Recommended Service Providers

Greenly sustainable procurement module automates this process.

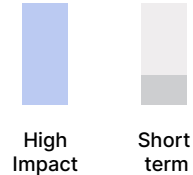
Implementation

- 1 **ESTABLISH** and start monitoring your KPIs (ex. percentage of suppliers that have completed a carbon footprint assessment, percentage of suppliers with a roadmap aligned to the goals of the Paris Agreement for 2030, ex. SBTi certification, etc)
- 2 Based on your goals and KPIs, **IDENTIFY** the eco-conditions you want to implement in your purchase policy. Clearly define them, ensuring they are specific, measurable, attainable, relevant, and time-bound (SMART).
- 3 **SUPPORT** and recognize suppliers' efforts. If possible, provide them tools, trainings, and resources to help them achieve the objectives. Follow and report suppliers' progress.

Reduce your consumption of animal products

FOOD AND DRINKS

Red meat should be avoided first, followed by fish, seafood, and lean meat, and finally dairy and eggs. Beef, lamb, and mutton have a disproportionate impact per kilogram and per calorie when compared to other ingredients. The primary emissions from beef production result from direct methane release by the animals during digestion. Additionally, red meat significantly contributes to deforestation due to extensive land requirements for crops and pasture. Dairy production has similar environmental implications. Carbon emissions from fish and seafood are mainly attributed to fuel consumption by fishing boats or the production of animal feed.



Benchmark



Harvard University's adoption of plant-based foods as part of the Cool Food Pledge has resulted in a 16% reduction in GHG emissions per plate between 2019 and 2021.



WeWork announced in 2018 that it would no longer serve meat at company events or allow employees to expense meals that include meat. The company cited environmental concerns as the reason for the policy change. Instead, WeWork offers a variety of vegetarian and vegan options at all of its locations worldwide.

Estimated Impact

Compared to the average meal in developed countries, a diet without red meat can reduce impact by 15%, a vegetarian diet by 30% (including dairy and eggs), and a vegan diet by 50% (plant-based only).

Estimated Cost

Overall, this reduction action allows for cost savings: vegetarian meals tend to be less expensive than meat based meals.

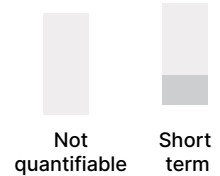
Implementation

- 1 **ESTABLISH** and start monitoring your KPIs (ex. proportion of vegetarian meals).
- 2 **ASSESS** current consumption and preferences to identify areas where meat options can be substituted and start communicating about the benefits of vegetarian meals on health, the environment, and animal welfare to make policies more acceptable for employees.
- 3 **SUBSTITUTE** meat-based meals gradually with vegetarian meals, while ensuring that the menu caters with different dietary preferences and nutritional needs (along with your service provider).

Raise employees awareness on the carbon impact of different foods

FOOD AND DRINKS

Raising awareness is essential for changing habits and reducing emissions. Awareness can motivate individuals to take action. It also creates a ripple effect by influencing not just individual behavior but also social norms and collective action. In the long run, the action plans you implement may be more easily supported by the employees.



Benchmark



92% of IKEA's employees have gone through a sustainability training, focusing on how to live a more sustainable life as a human being, and what, as a company, they are doing to contribute to a better world.

Estimated Impact

If the impact of raising awareness is not direct, it allows other action plans to be more easily and effectively implemented.

Estimated Cost

Overall, the cost is low, and depends on the type of actions taken.

Implementation

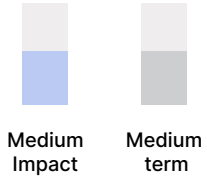
- 1 **DEVELOP** educational resources that explain the carbon footprint of various foods (infographics, brochures, presentations, interactive online modules...).
- 2 **ORGANIZE** educational events, such as workshops, vegetarian cooking sessions, and lunch-and-learn sessions. Highlight success stories, interesting facts, and tips for making sustainable food choices.
- 3 **ENCOURAGE** participation and **MEASURE** and **CELEBRATE** progress. Create incentives or challenges to encourage employees to actively engage employees. For example, you could implement a "Meatless Monday" campaign and provide small rewards or recognition for participation.



Choose low-carbon restaurants

FOOD AND DRINKS - Restaurants

Opting for labeled establishments allows you to verify their dedication to sustainable practices, including the use of seasonal and local ingredients, provision of vegetarian options, and implementation of measures to reduce energy consumption and waste. International labels are listed in the Recommended service providers section of this slide.



Benchmark



Google's Food@Work program includes partnerships with local and sustainable food providers. Many other companies gradually shift towards labeled restaurant options, especially when it comes to business events.

Estimated Impact

Variable carbon impact depending on the resulting changes in practices (percentage increase in vegetarian and locally-sourced meals consumed by employees, and other environmental measures applied by the restaurant).

Estimated Cost

Labelled restaurants are not necessarily more expensive than conventional ones, but this depends on the restaurants available locally.

Recommended Service Providers

[The sustainable restaurant association](#)

[Zerofoodprint](#)

[Ecocook](#)

Implementation

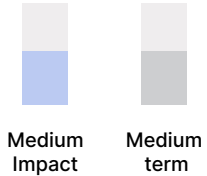
- 1 **ESTABLISH** and start monitoring your KPIs (ex. percentage of restaurant meals consumed in partnered or labeled establishments).
- 2 **SELECT** and partner with labeled establishments that align with your sustainability goals within your office area. You can use our non-exhaustive service provider list.
- 3 **PROMOTE** these establishments among your employees and favor them when organizing company events.



Reduce food and packaging waste

FOOD AND DRINKS- Employee meals

Food production is responsible for more than a quarter of global GHG emissions. Food loss and waste have entered into a global crisis, with approximately one-third of all food produced being lost or discarded. This waste results in the unnecessary depletion of natural resources, including farmland and water. Additionally, it contributes to avoidable emissions of GHG that exacerbate climate change. Disposable packaging is also an important source of food related waste. Although plant-based solutions are already less emitting than plastic or cardboard counterparts, the less emitting solution remains reusable containers.



Benchmark



Google partners closely with various stakeholders to reduce food waste. They source imperfect products and collaborate with creative vendors that upcycle ingredients. Leanpath, a tool used by their chefs, helps track food waste and enhances food-making processes.



Abel & Cole engaged with its carrot suppliers to evaluate surplus and waste from farm to customer. While data was limited there was sufficient knowledge to identify key hotspots and to propose and implement solutions prioritizing waste reduction and improving profitability.

Estimated Impact

Cut your food emissions by reducing your food purchases volume by up to 30% while keeping the same production.

Packaging emissions can be reduced to almost 0. They typically represent roughly 10% of the emissions of the average meal.

Estimated Cost

Cost savings (estimated at \$7 saved for each \$1 invested).

Recommended Service Providers

[Fraiche](#)

[Meal canteen](#)

[Too Good To Go](#)

[Tenzo](#)

[Leanpath](#)

Implementation

- 1 ESTABLISH** and start monitoring your KPIs (ex. percentage reduction in food waste).
- 2 CONDUCT** a waste audit to understand where your company's food and packaging waste is coming from.
- 3 DEVELOP** targeted strategies to reduce food and packaging based on the findings from the waste audit. And raise awareness among employees on food waste and disposable contains.



Conclusion

Summary of best practices in reduction actions



Consult the Greenly platform to explore, launch and track your reduction actions!

Corresponding categories

Travel and Commute
47 % of total

Services purchase
31 % of total

Food and drinks
6.4 % of total

- 1 Implement eco-conditions in your purchasing policy
- 2 Buy recycled or second-hand equipment foods
- 3 Stop reimbursing air travel when a train alternative of less than 6 hours is available
- 4 Replace part of your travel by videoconferencing and opt for train travel for regional/national trips
- 5 Make employees aware of the carbon impact of different foods

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.

This report assesses the company's direct emissions (Scope 1) and indirect energy-related emissions (Scope 2). These represent a small part of your company's impact, making it essential to tackle Scope 3 emissions by engaging your service providers, employees and portfolio.

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

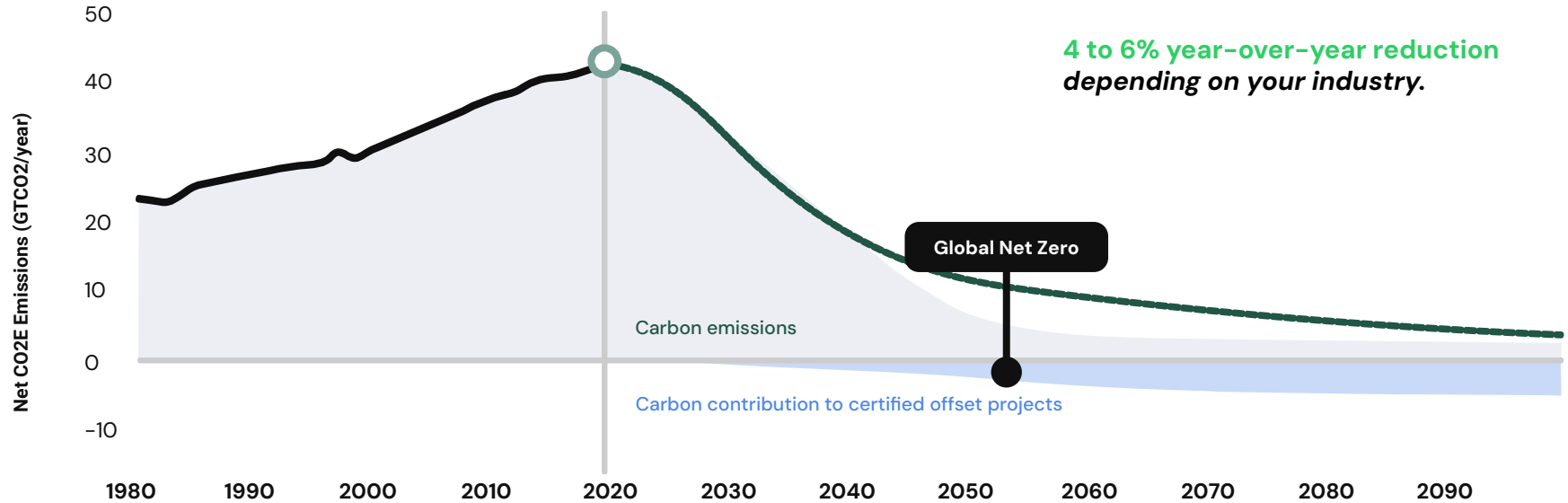
- 1 **Study key emission sources in greater depth**, if you opt for that. Your Climate Expert can help you decide between the different options available!
- 2 **Establish GHG emission reduction targets and implement an action plan** in order to achieve these targets.
- 3 **Engage your suppliers** using 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.



What's next?

Committing to a multi-year decarbonization strategy

A SUSTAINED EMISSIONS REDUCTION BASED ON THE LEVELS REQUIRED BY THE PARIS AGREEMENT



Setting a path to Net Zero starts with setting clear decarbonization targets

INVOLVING STAKEHOLDERS TO BUILD MOMENTUM



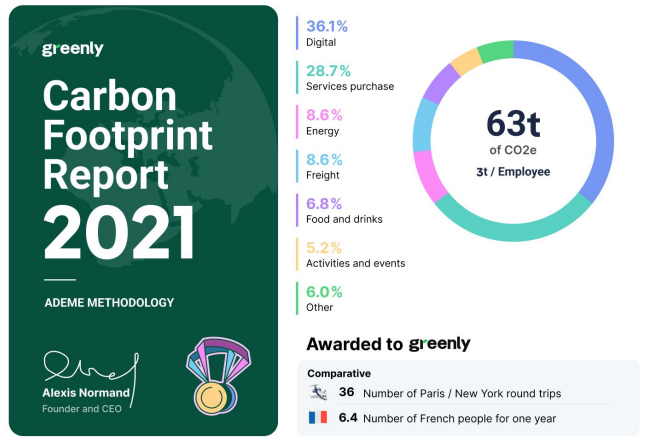
The **Net Zero Contributor Certification** allows stakeholders to roll out their climate strategy following key milestones: setting reduction targets, selecting impactful action plans, engaging suppliers and raising awareness among employees, and helping reduce or remove emissions



Helping others start their climate journey

RESPONSIBLE COMMUNICATION IS CRITICAL TO ENCOURAGE OTHERS TO DISCLOSE THEIR EMISSIONS

DISCLOSING EMISSIONS



BUILDING SUCCESS STORIES AROUND CLIMATE

Smart engages Greenly's support on their mission towards carbon neutrality

Smart is an independent advertising technology company that provides platforms and connects publishers and marketers through programmatic advertising. Our mission is to provide transparency, offer value path optimization, and ensure publishers and buyers are receiving their fair share in the adtech ecosystem.



2006

Date of creation

440

Number of employees

2249

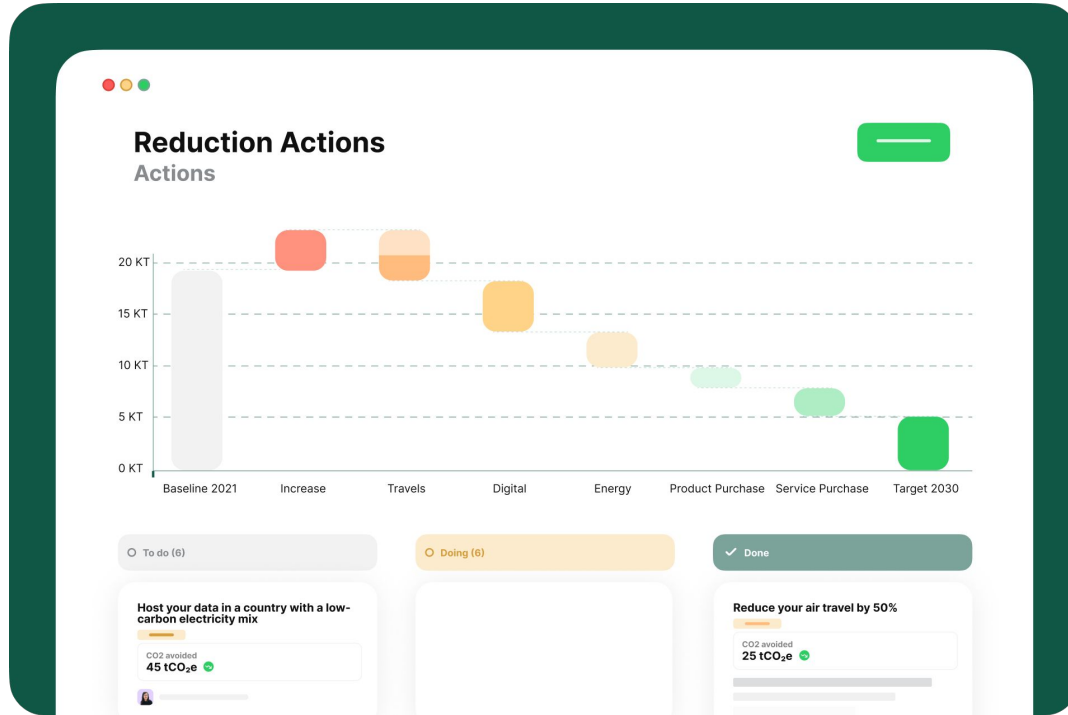
tCO₂e/year

2020

Year analyzed

Select, implement and track action plans

REDUCING EMISSIONS STARTS WITH DETAILED DECARBONIZATION SCENARIOS FOR KEY EMISSIONS AREAS



Personalised Action Plans

Personalized recommendations based on your priorities.

Alternatives

Adapted to sector & company profile

Simulations

Assess the impact of your action plans

Customer Success Support

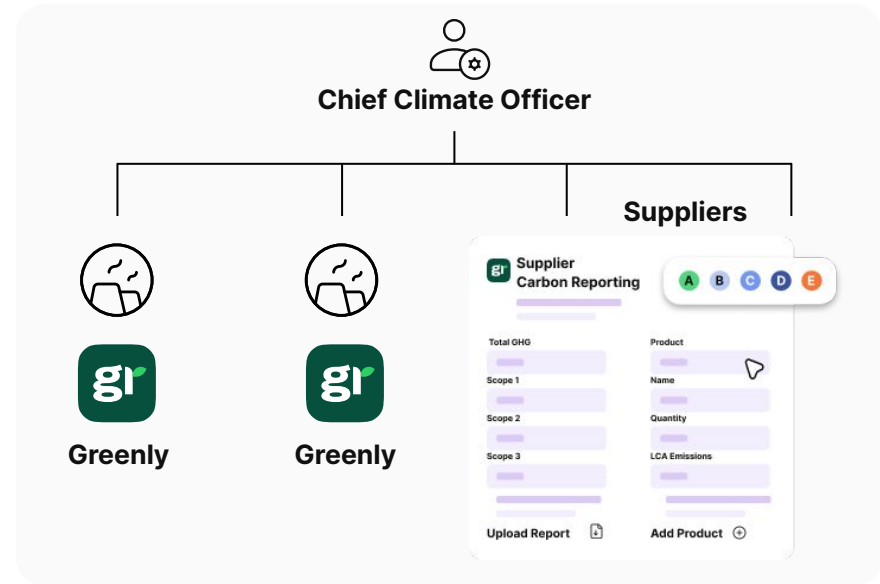
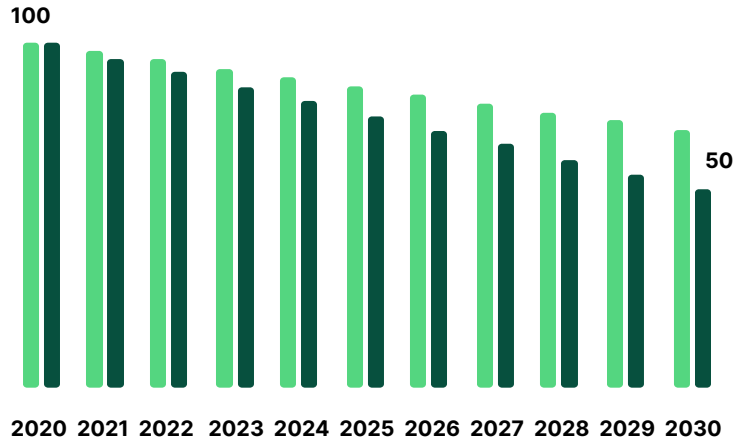
Assess the impact of your action plans

Engaging suppliers to align with the company's Net Zero targets

ENGAGE SUPPLY CHAIN VIA A DEDICATED SUSTAINABLE PROCUREMENT STRATEGY



Reduction Trajectory Science Based Targets Aligned with 1.5°C & Well below 2.0°C



Maturity of your climate strategy

YOUR GREENLY CLIMATE SCORE

Greenly score criteria



Pioneers in the climate transition

< 1% of companies (Score \geq 75)



Responsible companies

5% of companies (Score 55 - 74)



Building a company in transition

10% of companies (Score 30 - 54)



Beginners committed to the transition

25% of companies (Score 5 - 29)

Enthusiasts to awaken

10% of companies (Score 0 - 4)

Lack of interest in the climate

50% of companies

The intermediate Greenly Climate Score of ERS – Ecosystem Restoration Standard is Silver (34 points)



Points are distributed as follows:

Creating & fine-tuning the Greenhouse Gas report: **32** /40

Action plans: **0** /36

Climate targets: **0** /4

Involving your teams: **2** /10

Carbon contributions: **0** /10

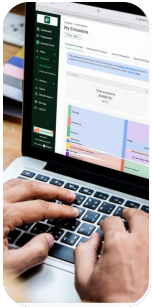
The Score will be updated at the Climate Strategy follow-up meeting.

More information on the Score calculation method [here](#)

Statistics were computed on the Greenly supplier database

Engaging employees on Climate Change

OUR MONTHLY TRAININGS



Month 1

Onboarding



Month 2

Quiz 1
Climate
Science



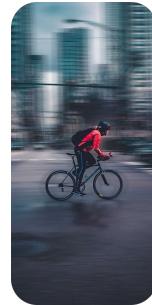
Month 3

Quiz 2
IT



Month 4

Quiz 3
Food



Month 5

Quiz 4
Transport



Month 6

Quiz 5
Energy



Month 7

And more..

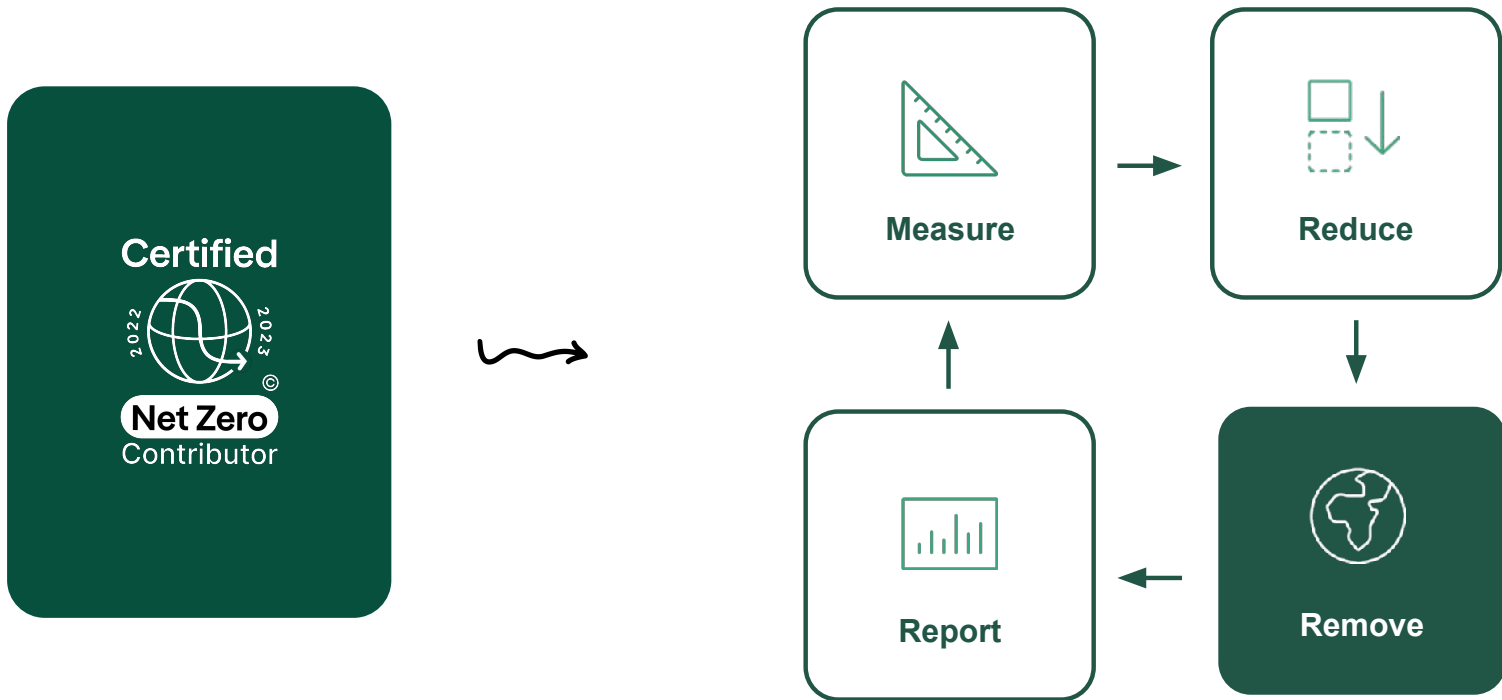


Month 12

A look back
on the year

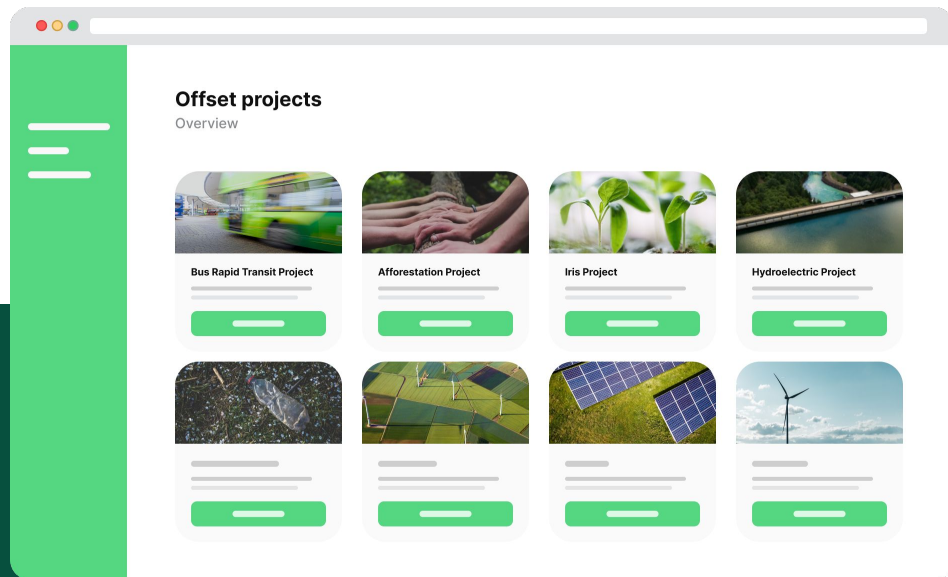
| Solving the Climate Equation

KEY ELEMENTS TO BUILDING A PATH TOWARDS NET ZERO



Net Zero Contribution – What to Expect

SOURCING ONLY VERIFIED & CERTIFIED PROJECTS



Ensure projects are certified

We source projects that meet criteria of additionality, permanence, auditability and measurability

Contribute to Net Zero

Ensure you are responsible for more emissions capture that what your organization is emitting

LABEL BAS
CARBONE

VERRA

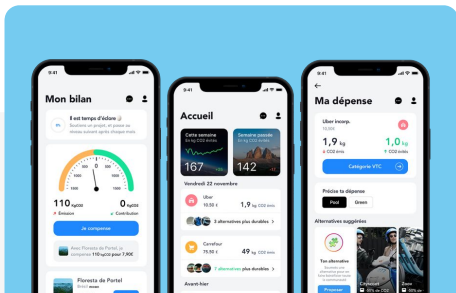
Gold Standard



About Greenly

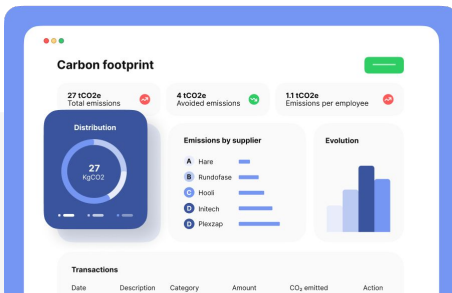
| The Greenly Vision

MAKING CARBON ANALYTICS UNIVERSAL



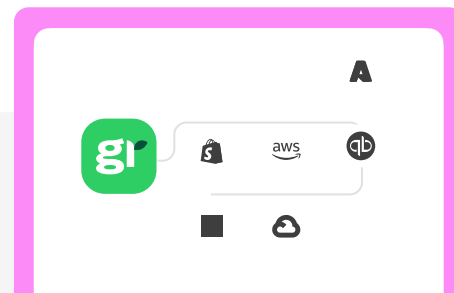
CARBON FOOTPRINT APP & API

First carbon fintech app launched



CARBON ACCOUNTING SOFTWARE

Launch B2B SaaS for SME Carbon Footprint (GHG Protocol)



CLIMATE APP STORE

Introducing the first Climate App Store in 2023

Building up a global tech leader to scale carbon accounting

FOUNDER VISION: HELPING ALL COMPANIES START THEIR CLIMATE JOURNEY TO FAST-TRACK THE ENERGY TRANSITION



Arnaud Delubac
CMO & Co-Founder

INSEEC, Essec - Centrale
Digital Comm at Prime Minister
Office, & Ministry of Digital



2018-2019



Alexis Normand
CEO & Co-Founder

HEC, Sciences-Po
Ex Head of B2B & Boston
Office at Withings, Techstar
w/Embleema

withings 2013-2018



Matthieu Vegreville
CTO & Co-Founder

Ecole Polytechnique -
Telecom
Ex Data Science
& B2B SaaS at Withings

techstars 2018-2019

Everyone should strive to achieve Net-Zero, not just the elite.
Consumers want all companies to implement sustainable changes

Greenly is instigating a bottom-up climate revolution making it simple for all companies & employees to start their climate journey

Working with our initial 1,000 customers, we see that early adoption of carbon initiatives boosts growth and profitability, while helping companies start their climate journey

As regulations make carbon disclosure mandatory, Greenly is building highly-scalable tech to address the enormous influx of mid-market businesses joining the energy transition.

Greenly's product-led growth rests on three pillars: 1- a tech-enabled end-to-end carbon platform ; 2- an outstanding UX to cultivate a growing community of climate leaders: 3- Lastly, a global ecosystem of partners who leverage Greenly to scale carbon accounting over their network.

Greenly is the world's fastest growing carbon management platform

WE ARE SCALING OUR TECH, OUR CUSTOMERS BASE & CLIMATE TEAM

150+

Team with Climate Experts Data Scientists, Data analysts, Data Engineers, DevOps Engineers

1000+

Customers in Tech, Industry, Energy, Logistics, Construction, Real Estate etc.

50k

Emissions sources aggregated from customers & industry databases

10+

Geographies covered with customers in the US, UK, France, Italy, Germany, Nordics...

These companies are tracking their carbon footprint with Greenly

Industries

faurecia HUTCHINSON RENAULT TEVA Schlumberger

Tech

alma ZOOPLA TripAdvisor PayFit swile Konbini

Retail

bel for all for good COURIR LVMH PERNOD RICARD PERNOD RICARD

Services

ACCOR Capgemini Kea Partners for transformation Mediametrie econocom

Finance

COATUE Shell Ventures AXA EIFFEL INVESTMENT GROUP UNIPARIBAS

Greenly's Scientific Council

INDUSTRY, AI & CLIMATE EXPERTS



**Caroline
ALAZARD**



**Dr. Luc
JULIA**



**Nicolas
HOUDANT**



**Peter
FOXPENNER**



**Pr. Yann
LEROY**



**Pr. Antoine
DECHEZLEPRÊTRE**

newmeric

CEO
NewMeric
Ex-CEO
GreenNext



Lab Director
Co-fondateur
SIRI
AI expert

energies

CEO
Énergies demain
Ex
GreenNext

**BOSTON
UNIVERSITY**

Professor
BU University
–
Electricity grid &
Carbon expert



Professeur
Centrale-Supelec
–
Carbon Product
Life-Cycle



Professeur
LSE
–
Climate change
policy

greenly

Contact us

support@greenly.earth

www.greenly.earth