



2022 AMA CARBON FOOTPRINT Synthesis with



Our carbon coach



Is the calculation methodology

Employees' barometer

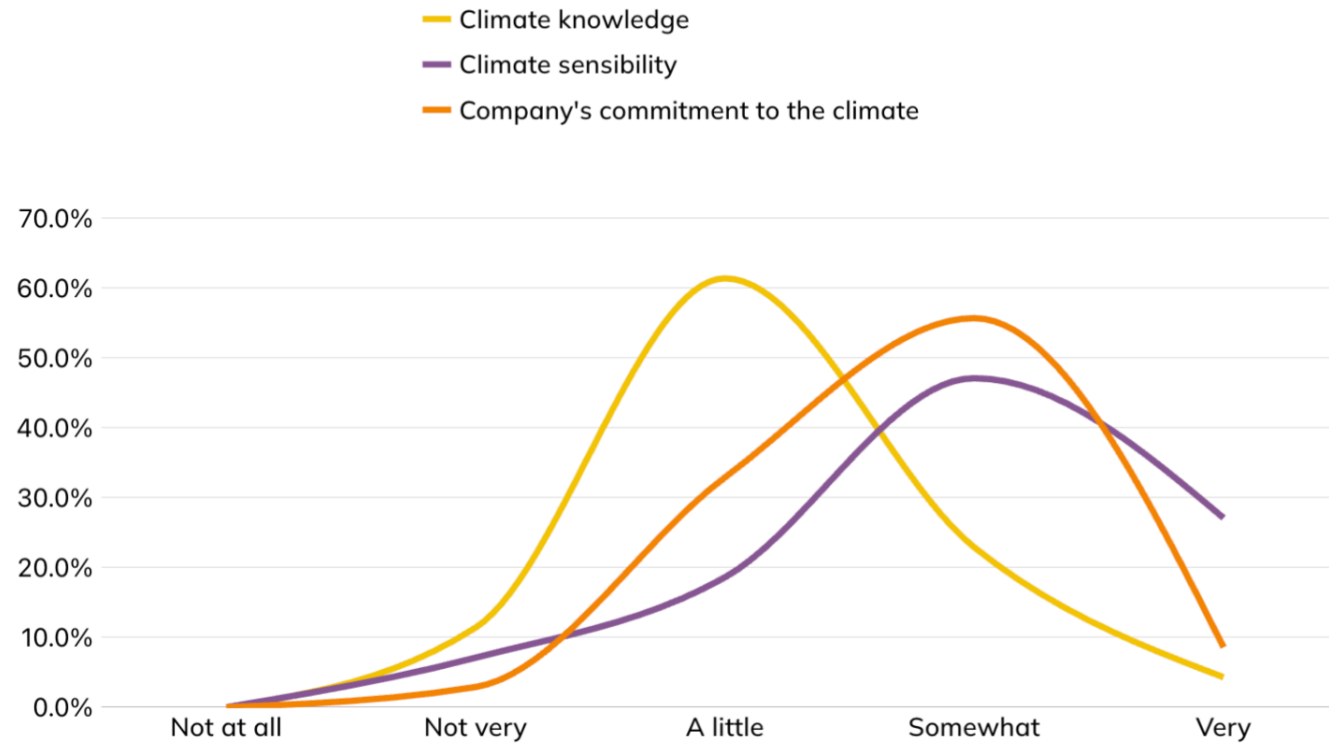


Results

Employee barometer

Thanks to this barometer, we monitor your **employees' awareness and level of knowledge** on the climate issue.

The data is obtained through the employee questionnaire.



About **85%** of employees consider themselves **somewhat or very sensitive** to climate issues

Reminder

The carbon accounting method followed was created in France in 2004 by ADEME (French national agency for ecological transition) and is now carried by the Bilan Carbon Association (ABC).

Its objective is to **measure all the emissions physically necessary to the activity of a company**, including its upstream and downstream activities.

At AMA, this is my first action when I started managing CSR.

- I wanted to set a diagnosis with a second objective in mind: to measure in order to establish a reduction plan

Emissions are calculated by **multiplying an activity data** (physical or financial) by an **Emission Factor** from a reference database (carbon base, ADEME impact base, etc.):

	Activity data		Emission Factor		Emissions
	1000 km travelled by plane	x	0,258 kg CO2e/km	=	258 kgCO2e

About the scopes:

We talk about the Greenhouse gas carbon footprint perimeter split in 3 categories:

Scope 1 = direct emissions due mainly to the combustion of fossil fuels for heating or company vehicles

Scope 2 = indirect emissions associated with the production of electricity and heat

Scope 3 = all the other indirect emissions of our value chain (travel, purchases, waste,...) This scope generally concentrates most of the emissions.

The scopes are then broken down into 22 emission items.

Carbon Footprint

2022

Perimeter Full (Scopes 1, 2 et 3)

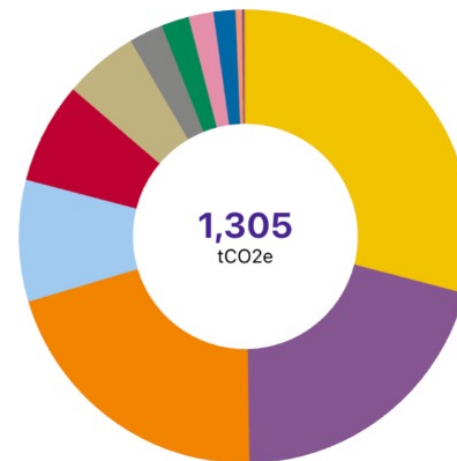
Exclusions None

Data used:

Employees: Employee questionnaire
(response rate of 49%)

Monetary data: Accounting entries

Physical data: Collectors on the Sami
platform and raw documents transmitted
and imported



Trips	379.4 tCO2e	IT	269.9 tCO2e	Purchase of services	269.4 tCO2e
Meals and accommodation	113.1 tCO2e	Premises	94.2 tCO2e	Equipment	69.4 tCO2e
Subcontracting	31.8 tCO2e	Input	25.7 tCO2e	Small supply purchase	23.2 tCO2e
Freight	20.5 tCO2e	Remote work	6 tCO2e	End of life	2 tCO2e
Production wastes	0.5 tCO2e				

Equivalences



150 persons

at an average of 9 tCO2e / year per
French person



23,700 m²

of French mature forest



725

round trips Paris / New York by plane



172

world tours with diesel car

Methodology



Results

Trips



379 tCO2e



29% of your carbon footprint

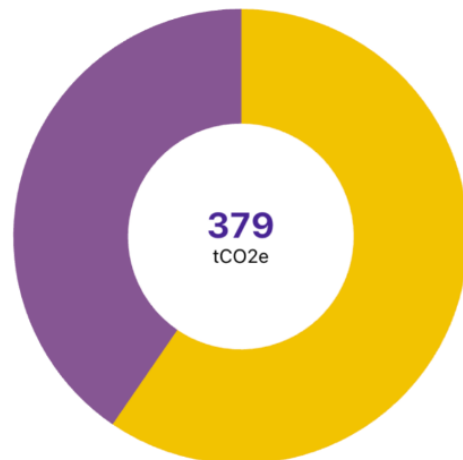
How was this item measured ?

This item includes emissions related to employee commuting and business travel.

We have collected data on travel through the questionnaire sent to employees.

The Base Carbone (ADEME) proposes emission factors per km travelled for each type of transport.

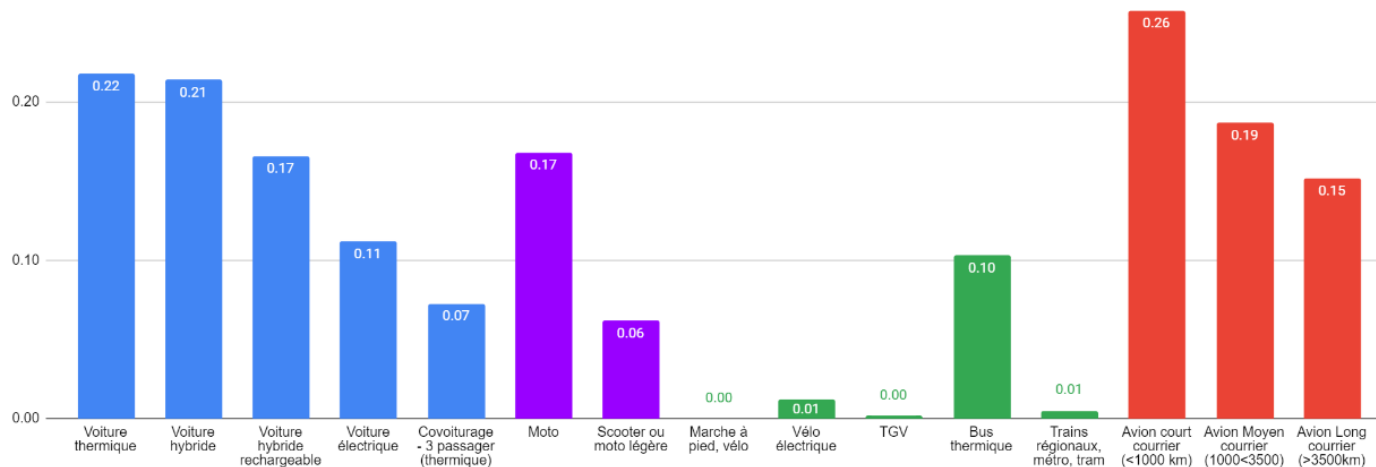
Total emissions (tCO2e)



● Business trips 59.6% ● Commuting 40.4%

SAMI CATEGORY	ACTIVITY DATA
Business trips	1365404 km
	9455 l
Commuting	899712 km
	3625 l

Carbon intensity per transportation mode (kgCO2e/km)





Results

Trips Business trips



226 tCO2e



Equivalent to 578 round trips
Paris-Madrid by plane

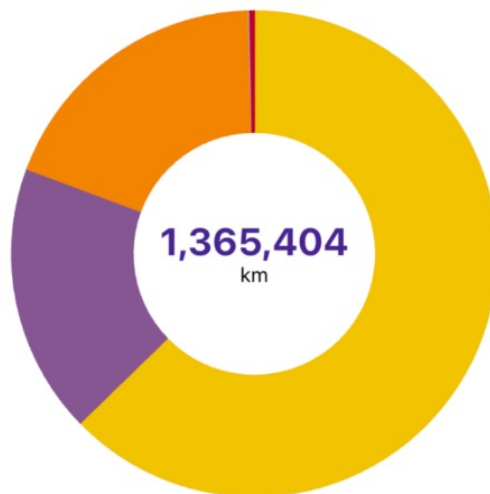
How was this item measured ?

This item includes emissions related to occasional work-related travel by employees.

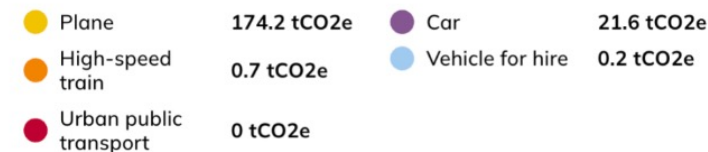
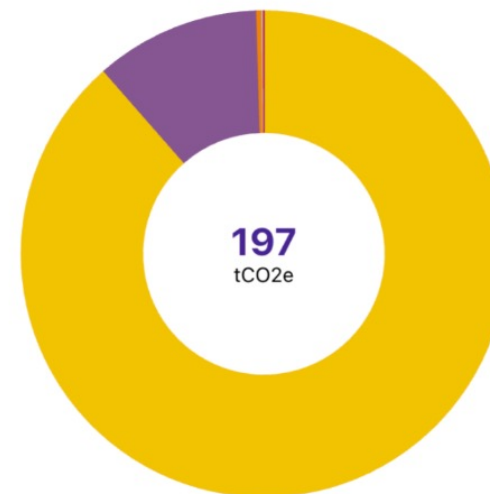
We have collected data on travel through the questionnaire sent to employees.

The Base Carbone (ADEME) proposes emission factors per km travelled for each type of transport.

Total distance (km)



Total emissions (tCO2e)



On the 1,374,859 km of your business trips, 29.3% are flights of less than 1,000 km.



It represents 104 tCO2e, or 46.0% of the 226 tCO2e of the carbon footprint of all your business trips.



In addition, there are **29 tCO2e** related to the combustion of **9,455 L** of gasoline in your company vehicles.



To reduce the impact of business travel, a company can: regulate the use of airplanes and cars during business trips, train in eco-driving, electrify the fleet of company vehicles...



Results

Trips Commuting



153 tCO2e



Equivalent to 1025 round-trip
Paris-Marseille by car

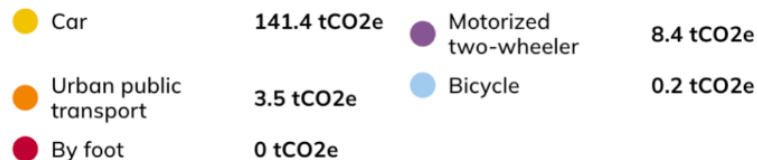
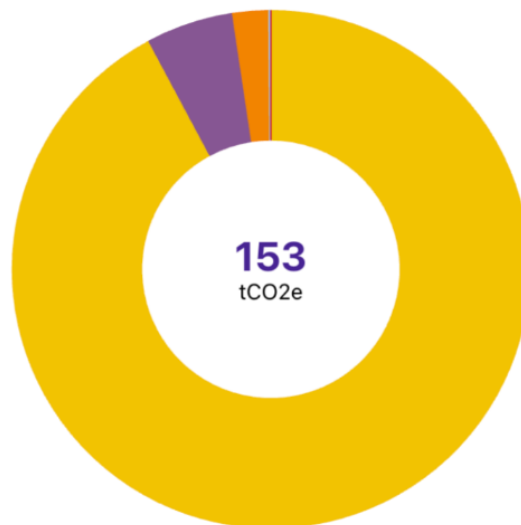
How was this item measured ?

This item includes emissions related to employees' regular travel between their homes and their main work locations.

We have collected data on travel through the questionnaire sent to employees.

The Base Carbone (ADEME) proposes emission factors per km travelled for each type of transport.

Total emissions (tCO2e)



SAMI CATEGORY	ACTIVITY DATA
Car	701739 km
	3625 l
Motorized two-wheeler	59483 km
Urban public transport	112469 km
Bicycle	23408 km
By foot	2612 km



To reduce the impact of commuting: offer carpooling, develop a fleet of company bicycles, introduce a sustainable mobility package, equip parking lots with electric charging stations, etc.



Results

Digital and IT



270 tCO2e



21 % of your carbon footprint

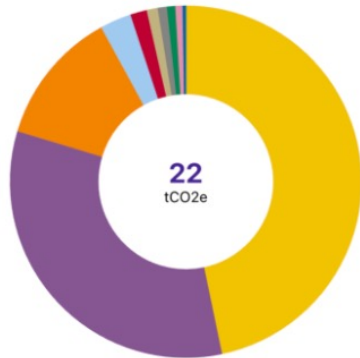
How was this item measured ?

This item includes emissions related to your digital purchases:

It is fully analyzed thanks to the accounting data that you have provided in the **accounting file**.

The ADEME's carbon base references monetary ratios giving an emission factor per € spent for each category of purchase.

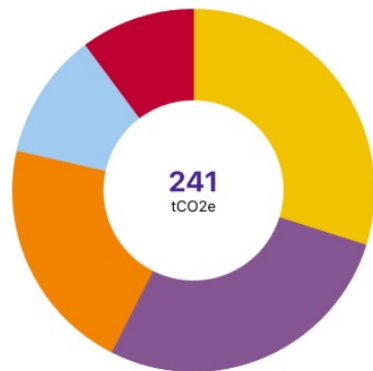
Hardware emissions (tCO2e)



Monitor	10 tCO2e	Laptop computer	7.1 tCO2e
Smartphone	2.7 tCO2e	Headphones	0.6 tCO2e
Video equipment (webcam, microphone, etc)	0.3 tCO2e	Keyboard	0.2 tCO2e
Mouse	0.2 tCO2e	TV	0.2 tCO2e
Tablet computer	0.1 tCO2e	Camera	0.1 tCO2e

SAMI CATEGORY	ACTIVITY DATA
Monitor	143 units.year
Laptop computer	128 units.year
Smartphone	133 units.year
Headphones	60 units.year
Video equipment (webcam, microphone, etc)	55 units.year
Keyboard	61 units.year
Mouse	71 units.year
TV	1.1 units.year
Tablet computer	6.6 units.year
Camera	6.6 units.year

Digital services emissions (tCO2e)



Cloud and hosting	71.9 tCO2e	Software	66.5 tCO2e
Web development	50.7 tCO2e	Advertising	27.2 tCO2e
Maintenance	24.5 tCO2e		

SAMI CATEGORY	ACTIVITY DATA
Cloud and hosting	423 k€
Software	359 k€
	37971 €
Web development	298 k€
Advertising	160 k€
Maintenance	144 k€



To reduce the impact of your digital purchases, many levers of action can be activated: buy reconditioned IT equipment rather than new, have your sites and applications hosted in France, eco-design your digital services...



Results

Purchase of services



269 tCO2e



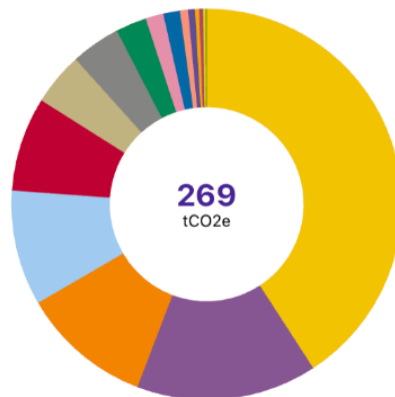
21% of your total footprint

How was this item measured ?

This item is fully analyzed thanks to the accounting data that you have provided in the **accounting file**.

The ADEME's carbon base references monetary ratios giving an emission factor per € spent for each category of purchase. For foreign companies, the database Exiobase was used for each country.

Total emissions (tCO2e)



Fees	110.1 tCO2e	Communication & marketing	40.3 tCO2e
Recruitment	29.1 tCO2e	Events	25.7 tCO2e
Telecommunication	21 tCO2e	Financial	11.8 tCO2e
Other	11 tCO2e	Insurance	6.9 tCO2e
Training	4 tCO2e	Printing	3.7 tCO2e
Donations and patronage	1.8 tCO2e	Research and development	1.5 tCO2e
Banking fees	0.9 tCO2e	Intangible gifts	0.9 tCO2e
Mail	0.6 tCO2e	Monitoring	0.1 tCO2e
Studies and services	0 tCO2e		

SAMI CATEGORY	ACTIVITY DATA
Fees	282 k€
	231306 €
Communication & marketing	67 k€
	57939 €
Recruitment	33 k€
	122217 €
Events	79 k€
	68264 €
Telecommunication	108 k€
	27366 €
Financial	105 k€
	1462 €
Other	9.7 k€
	20206 €
Insurance	39 k€
	36717 €
Training	23 k€
Printing	13 k€
Donations and patronage	11 k€
Research and development	9 k€
Banking fees	7602 €
Intangible gifts	5 k€
Mail	1.5 k€
	1064 €
Monitoring	0.7 k€
Studies and services	27 €



To reduce the impact of your purchases, you can make your suppliers aware of the importance of carrying out a carbon footprint and implement a responsible purchasing policy that will allow you to obtain the economic carbon intensity.



Results

Purchase of services



269 tCO2e



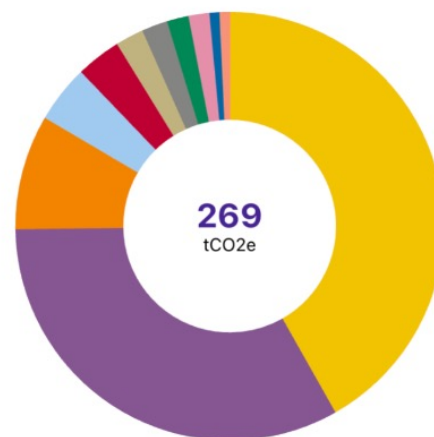
21% of your total footprint

How was this item measured ?

This item is fully analyzed thanks to the accounting data that you have provided in the **accounting file**.

The ADEME's carbon base references monetary ratios giving an emission factor per € spent for each category of purchase. For foreign companies, the database Exiobase was used for each country.

Total emissions per companies (tCO2e)



AMA SA	112.7 tCO2e	AMA (Shanghai) - Chine	88.9 tCO2e
AMA Xperteye (Inc) - US	23.3 tCO2e	AMA XPERTEYE - JAPON	11.7 tCO2e
AMA (LTD) - HK	9.1 tCO2e	AMA XPERTEYE - ESPAGNE	5.7 tCO2e
AMA Xperteye (GmbH) - Allemagne	5.3 tCO2e	AMA Xperteye (SRL) - Roumanie	4.4 tCO2e
AMA Xperteye (LTD) - UK	4.2 tCO2e	AMA C�il de l'Expert Inc - Canada	2 tCO2e
AMA XPERTEYE - ITALIE	1.9 tCO2e		

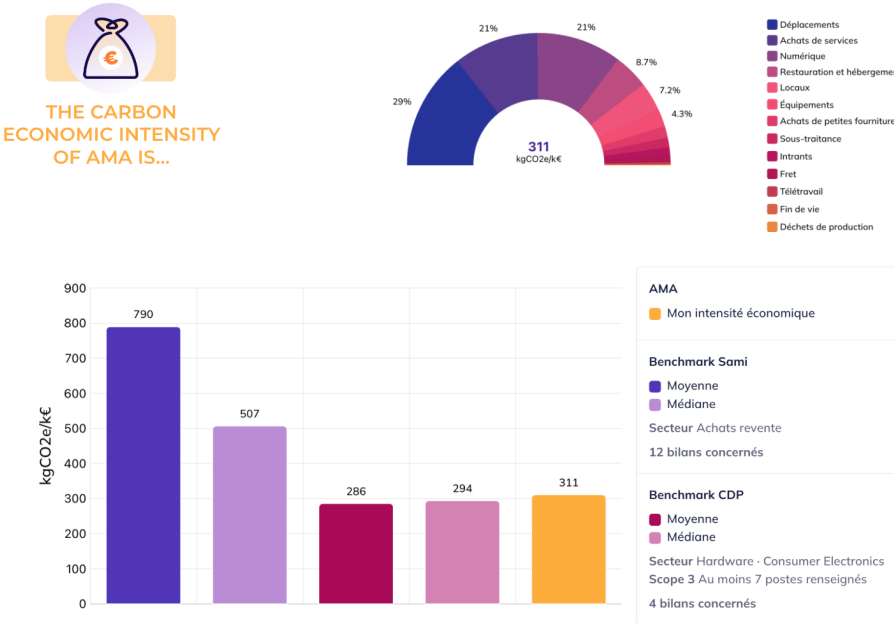
SAMI CATEGORY	ACTIVITY DATA
AMA SA	788 k�
AMA (Shanghai) - Chine	155491 �
AMA Xperteye (Inc) - US	163882 �
AMA XPERTEYE - JAPON	77694 �
AMA (LTD) - HK	16733 �
AMA XPERTEYE - ESPAGNE	38739 �
AMA Xperteye (GmbH) - Allemagne	51701 �
AMA Xperteye (SRL) - Roumanie	18499 �
AMA Xperteye (LTD) - UK	27124 �
AMA C�il de l'Expert Inc - Canada	14225 �
AMA XPERTEYE - ITALIE	10082 �



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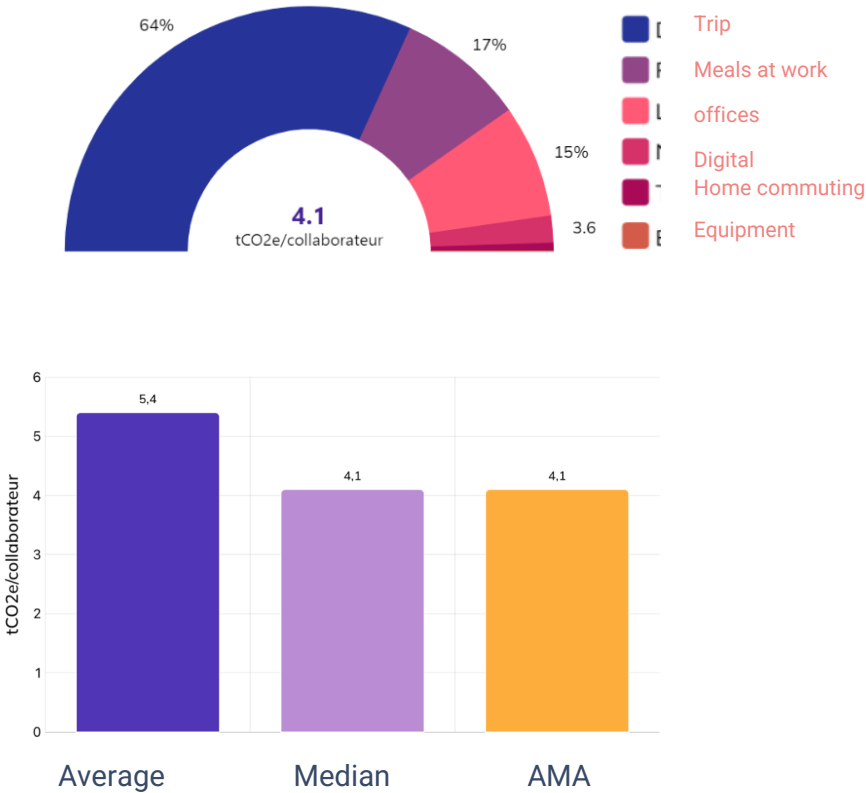
Carbon intensity

The carbon intensity indicators allows the comparison with a similar sector of activity.
Its calculations methodology bring back AMA's total greenhouse gas emissions to 2 other indicators representing the turnover and the number of employees.
It allows you to compare your overall **carbon performance** with that of other companies in your sector, canceling out the turnover effect.
Comparison data is taken from **Sami's customer base** and the **Carbon Disclosure Project (CDP)** for the specified industry.



311
kgCO2e / k€ of revenue

4.1
tCO2e / employee



Targets and commitment to reduce our CO₂ emissions

The Science Based Targets (SBTi) initiative mobilizes the private sector **to take urgent climate action**.

Targets are considered "science based" because they are consistent with what the latest climate science considers necessary to achieve the Paris Agreement's goals of limiting global warming to 1.5°C, by 2050 compared to pre-industrial levels.



My action plan

From 2021 to 2023

[Change target year](#)

Emissions at the reference period (2021)

1,695 tCO₂e

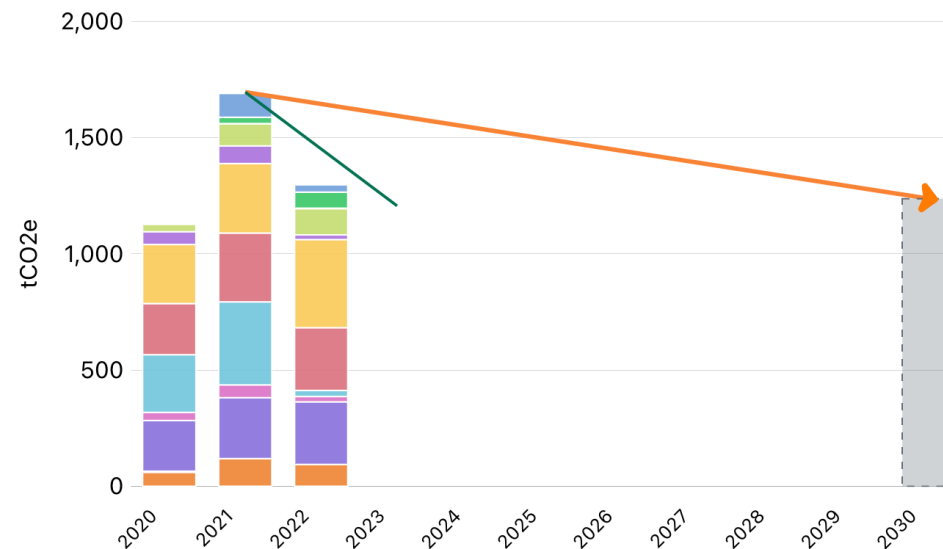
Total emissions to reach at target year (2023) based on the 3% annual reduction objective from the reference period (2021)

1,593 tCO₂e

Reduce

My emissions reduction trajectory

[VIEW MY EMISSIONS REDUCTION TRAJECTORY](#)



- Premises
- Purchase of services
- Input
- Trips
- Meals and accommodation
- Equipment
- Remote work
- Product usage
- Small supply purchase
- IT
- Freight
- End of life
- Subcontracting
- Production wastes

Linear annual reductions

Action plan projection
based on current action plan

My objective
3% reduction



Reduction Plan:

- ✓ **On trips**, we set up a carpooling workshop sharing tips to ease the adoption.
- ✓ **On IT purchases**, we select responsible data centers.
- ✓ **On IT**, we optimized data storage and start extending IT equipment life.
- ✓ We work with our suitcase supplier to build a suitcase made of 80% recycled material.
- ✓ We regularly educate our teams about sustainable development (cyber clean up and AMA Sustainability Days).
- ✓ We start raising our critical **suppliers** about Ethics and sustainability. (Code of Conduct, survey)
- ✓ We apply to B-Corp international **CSR Label**

<https://app.sami.eco/en/org/AamKEe4uZWgxcJy44bZGzh/action/plan>



Premises

Reduce the emissions of premise usage

4 NEW ACTIONS



Trips

Reduce the emissions of employees travelling or commuting



Food and accommodation

Reduce emissions of food and accommodation



IT purchases

Reduce the carbon footprint of your IT purchases



Products

Reduce the emissions of the manufacturing of goods

2 NEW ACTIONS



Freight

Reduce the emissions of transportation

Trips

Reduction potential

Reduce air travels in your Travel Policy	TO DO	-1.5 tCO2
Introduce the sustainable mobility package	TO DO	-26.5 tCO2
Implement a carpooling system	IN PROGRESS	-11 tCO2

Total: -39 tCO2e



Construction

Reduce the emissions of works



Awareness

Awareness of employees and partners

2 NEW ACTIONS



Low-carbon business

Reduce the global impact of your activity



Promotion

Communicate about your commitment to the climate

My action plan

[VIEW MY ACTION PLAN](#)

3
Actions implemented

7
Actions in progress

7
Actions to do

110
Suggested actions

