



2023 CARBON FOOTPRINT REPORT

AUTONOMOUS FUTURE, TODAY

EasyMile's Contribution to Emissions Reduction: Unveiling Our Carbon Footprint Report

At EasyMile, sustainability is at the core of our activity. We understand the critical importance of reducing our carbon footprint to protect the environment and ensure a sustainable future. In this report, we'll delve into the highlights of our 2023 Carbon Footprint Report, exploring both our achievements and the steps we plan to take to further reduce our carbon emissions.

1. Introduction

1.1. Context

Global warming is such that the Earth's temperature has risen by one degree Celsius since the end of the 1970s. The [Paris Agreement](#) sets out a global framework to avoid dangerous climate change by limiting global warming below 2°C and pursuing efforts to limit it to 1.5°C. At EasyMile, we want to play our part in the fight against global warming.

Where shall we start? To answer this question, we carried out a "carbon audit", i.e. we assessed the environmental footprint of our activities. In this page, we describe our methodology. We detail here what we learned from our two first carbon audits.

1.2. The Carbon footprint

The carbon footprint helps to identify the emission hot spots along the company's value chain. With this, we can build an action plan based on our specific carbon footprint. But carrying out a carbon footprint is not an easy task, and as we are not climate specialists, we called on [Magelan](#), a firm specializing in carbon footprints. They helped us to build our 2021 footprint, and trained our CSR Team to calculate it by ourselves from 2022.

1.3. Methodology

To measure the emissions caused by our activities, we've reviewed our expenses and operations to quantify them. The emissions are not measured in CO₂, but in CO₂e, for "CO₂ equivalent". Carbon dioxide is not the only greenhouse gas; water vapor, methane and nitrogen protoxyde also belong to this dreaded family, for example. To compare the various greenhouse gasses, we situate them in relation to CO₂ to get a common unit for assessing a gas's capacity to warm the atmosphere.

2. Emissions overview

EasyMile total emission for 2023 are 1402 t CO₂e (1260 t CO₂e in 2022).

This 140 tons total increase is mainly based on emissions that were not computed the previous years: year after year we improve our data collection to refine the calculation.

We've taken into account those new factors of emissions in 2023:

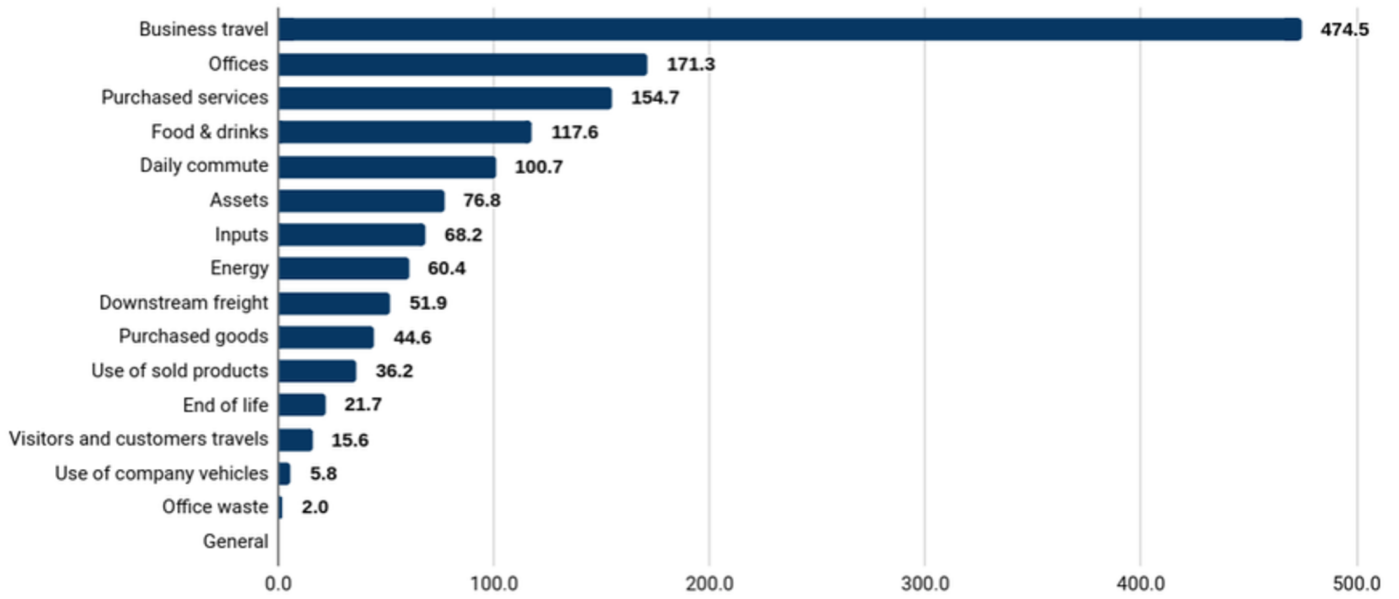
- Business Travels paid by Invoice, adding 95 tons
- Visitor travels adding 15 tons
- Receptions adding 5 tons
- Office Condominium charges, adding 28 tons
- IT Fiber consumption, adding 6 tons

Without those additional 150 tons, our total emissions would be really close to 2022.

In order to compare the emissions through the years or with others companies of the same activity, we often compute the emission per employee:

- 5.5 t CO₂e / employee (4.9 t CO₂e in 2022)

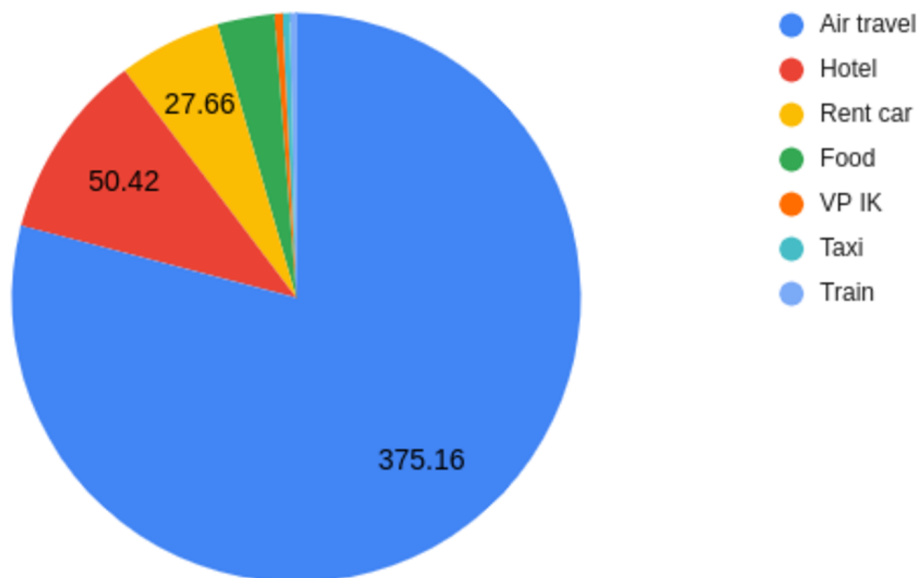
In details, EasyMile 2023 emissions are:



3. Emissions in detail

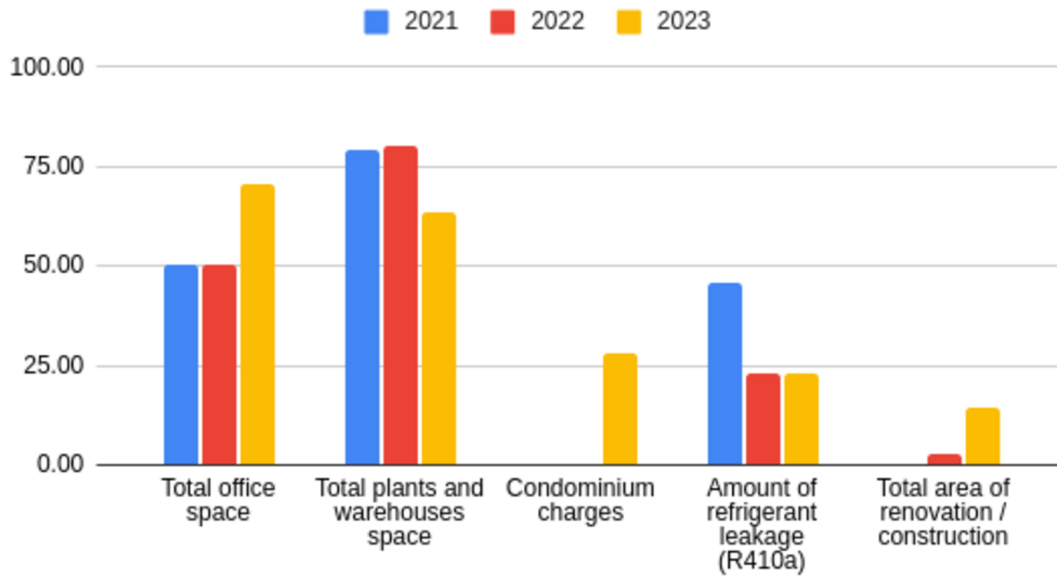
3.1. Business travel

This is by far our 1st emission factor in 2022. The main source of emission is the “travel by plane”:



3.2. Offices

Our 2nd emission factor is based on the kg CO2e/m² ratio that covers the work needed to build the offices. The carbon emission is amortized on standard duration, 50 years for offices, 30 years for warehouses.

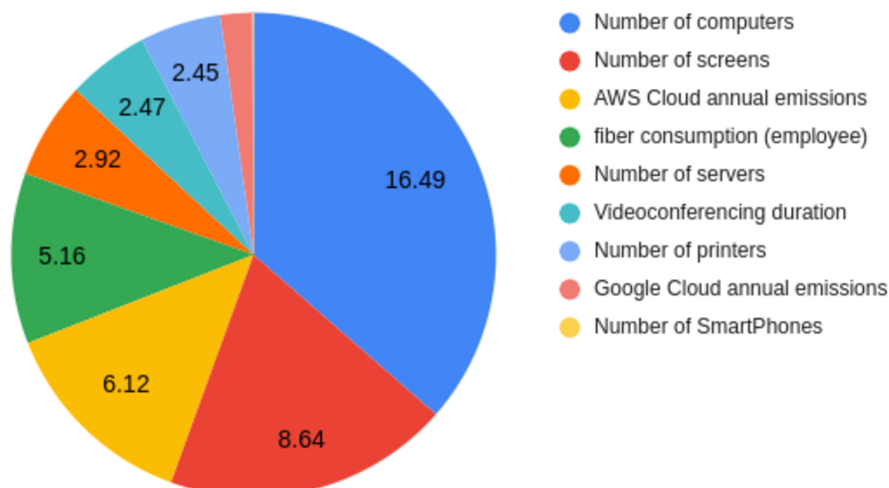


3.3. Purchased services

This is our 3rd emission factor. The emission of intellectual services (accountant, lawyer, consulting, freelances...) , R&D and Insurance, banking services are based on monetary ratio.

We’ve decided to represent and follow all emissions linked to IT (services such as fiber consumption, AWS, Google... + goods depreciation: computers, company smartphones...).

The total for 2023 is 84 tons:



3.4. Inputs

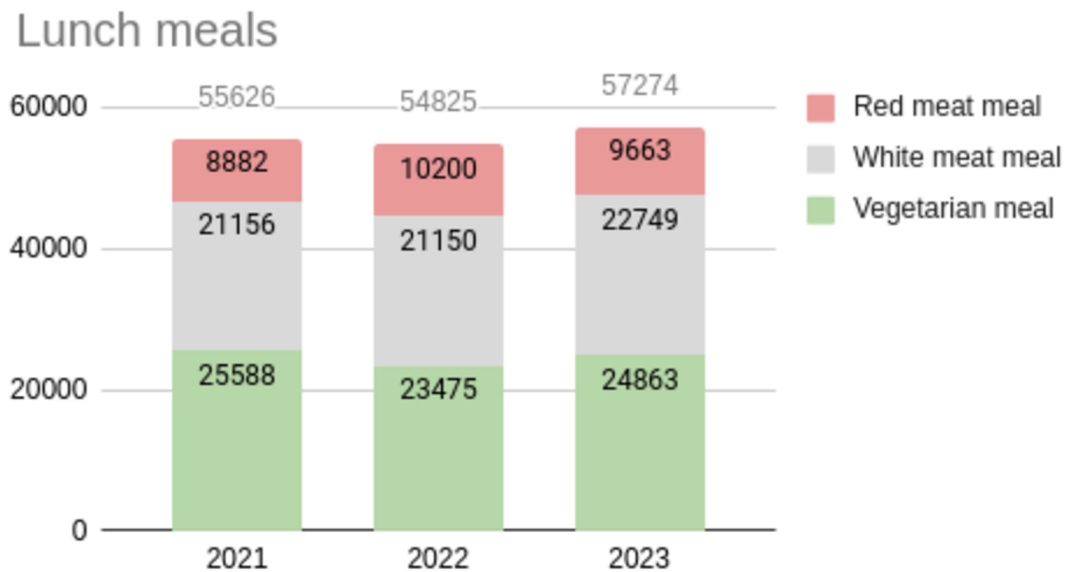
Inputs are the platforms we buy to our partners, the sensors, hardware that we add to make them autonomous. Some partners have built their own Life-cycle assessment that helps a lot to compute the emission of the raw platforms.

3.5. Food and drinks

Employees are the core of our operations. A carbon footprint shall take into account what they eat for lunch during working days, and how they commute to work.

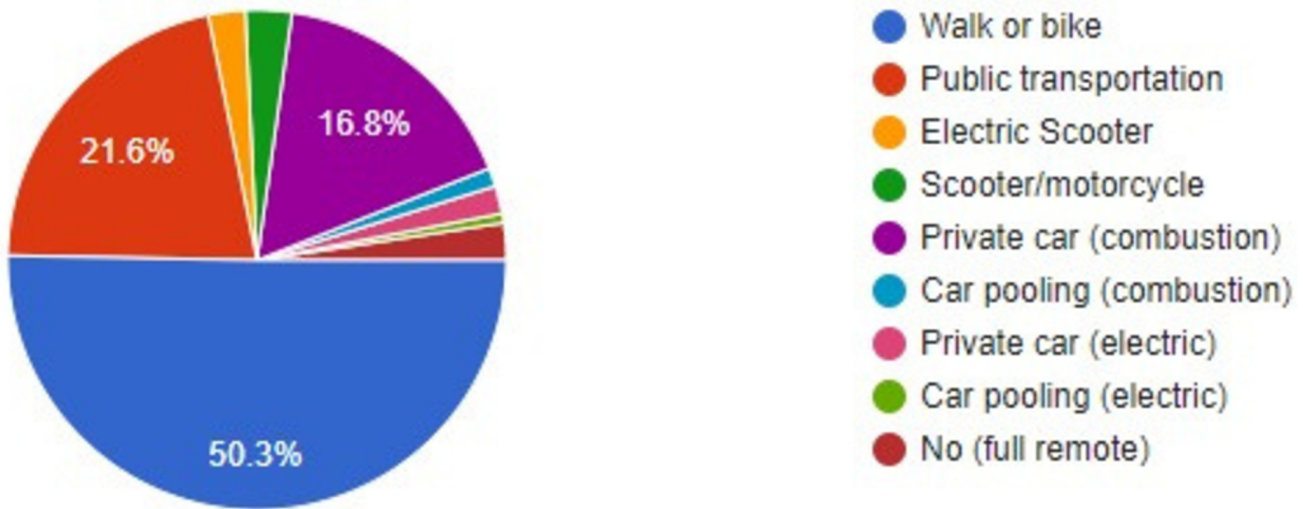
A significant proportion of our CO2e emissions comes from what we eat. That's why we sent a survey to all employees to get that precious information.

Around 40% of meals were declared vegetarian, emitting 10%.

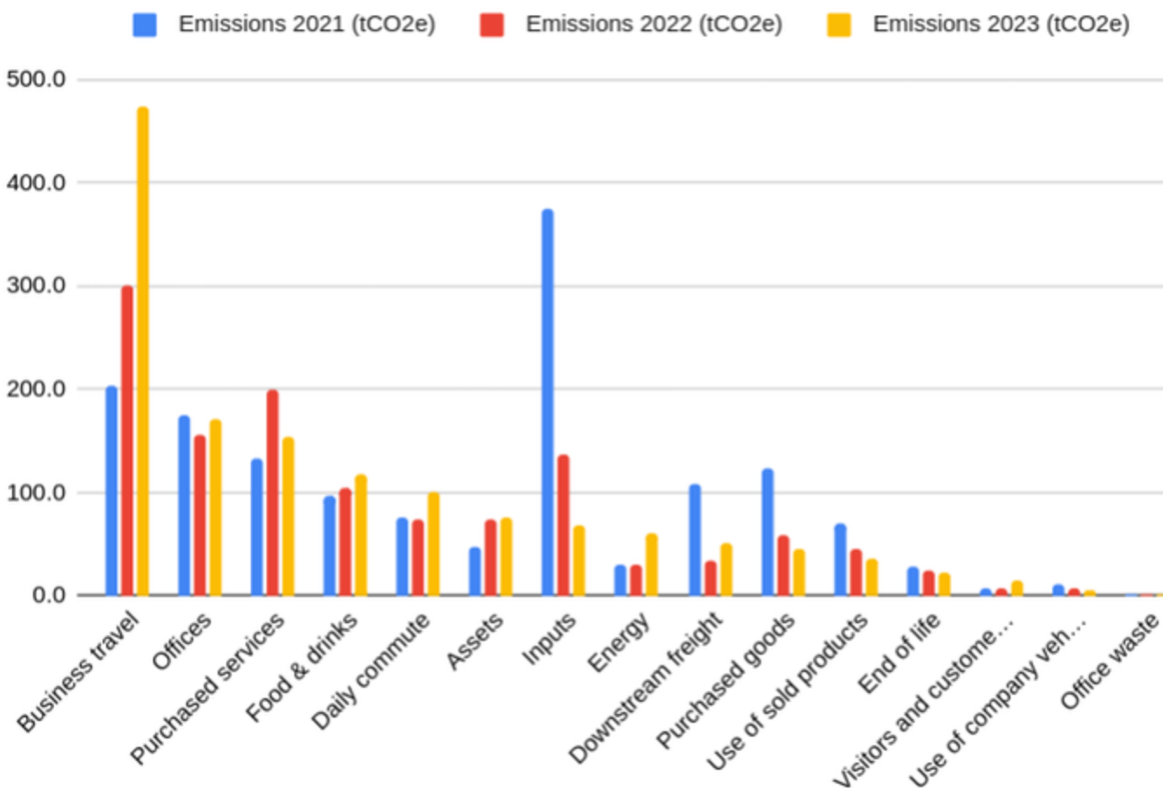


3.6. Daily commuting

Employee commuting is also part of EasyMile operation footprint. Here are the results: only 20% of the employees commute by combustion car or motorcycle. But the high emission associated with combustion makes it 90% of our commuting emission...



4. Emissions 2023 vs 2022 vs 2021



After 2021 COVID restrictions, **Business Travels** have increased their emissions by 50%. As we've seen, most of the travel emissions are due to the flights.

Purchased services have evolved a lot between 2021 and 2022 due to the fact that we miss detail on the expenses and use monetary factors with a high level of uncertainty. The computation has been improved a lot in 2023.

Office emissions are quite stable with the same surface of offices and warehouses.

The total **Purchased Goods** have been refined a lot and its uncertainty lowered. We'll keep replacing monetary factors with the real emission when possible in the next few years.

5. Limitations

- Some emissions are still based on monetary ratios that have a higher uncertainty factor. Year after year we keep improving this by getting the real emissions with our providers.
- In some offices, it is difficult to compute the energy consumption since we pay a global rent including all charges.
- Our carbon footprint does not take remote work into account (electricity consumed at home by employees while working.)

6. Actions

Our 2023 Carbon Footprint Report serves as a valuable tool for assessing our progress and planning future actions. Here are some key steps we plan to take:

Challenge Business Travel: We aim to reduce the need for business travel through remote maintenance and video conferences, prioritizing train travel for shorter trips.

Supplier Selection: We will consider carbon criteria when choosing suppliers, favoring those with sustainable practices.

Electronics: Prioritizing refurbished computers and phones helps reduce the carbon footprint associated with electronics.

Employee Awareness: We will continue to raise employee awareness through communication and initiatives like Climate Fresks.