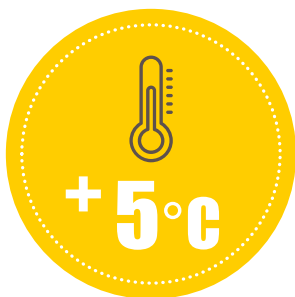


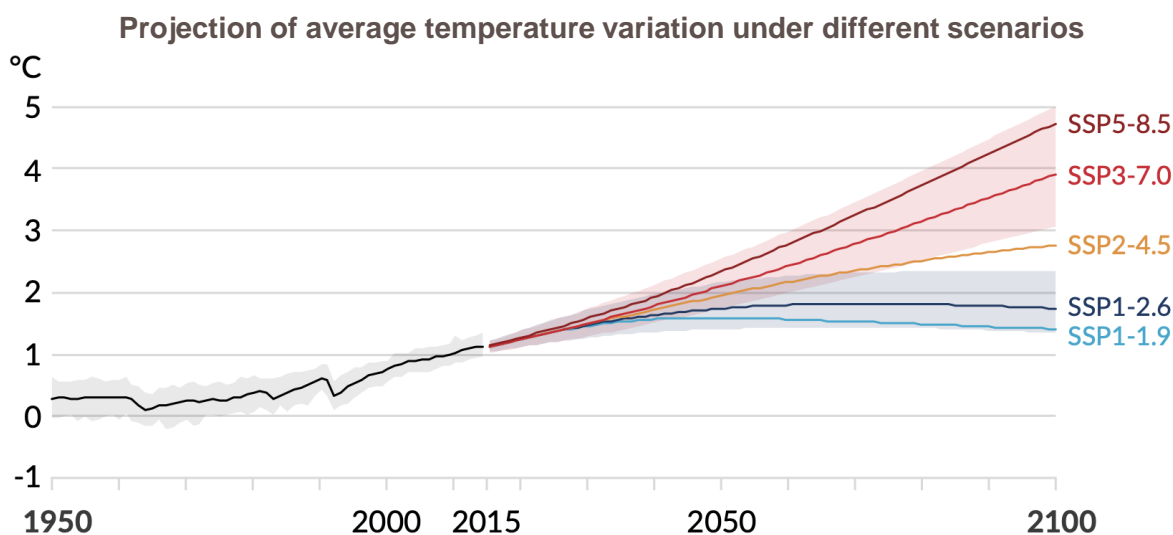
Introduction



LID Technologies is a French company that specializes in the development and commercialization of wireless embedded electronic systems, primarily for the automotive sector. Founded in 2004, it focuses on innovative solutions like tire pressure monitoring systems (TPMS), hands-free access systems, and telematics. These products are used across various markets, including trucks, buses, motorcycles, construction vehicles, and electric sports cars. The company has a strong emphasis on research and development, holding numerous patents in wireless automotive technology.



It is the **maximum increase** in the Earth's temperature expected in **2100** if we don't implement strong measures.



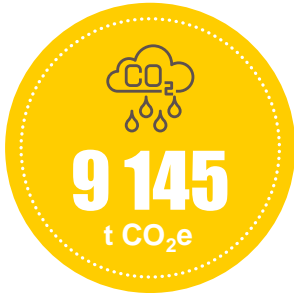
Source : GIEC, 1st working group, 2021

The **consequences of climate change** are already noticeable and will become more pronounced in the next few years.

As a committed company, **LID Tech** assessed its greenhouse gas emissions and committed to a **transition process via the Diag Décarbon'action** proposed by Bpifrance, in partnership with ADEME and collaboration with ABC.

The company Take[air] carried out this project.

Results



These are the **GHG emissions of LID Tech** over the fiscal year 2023

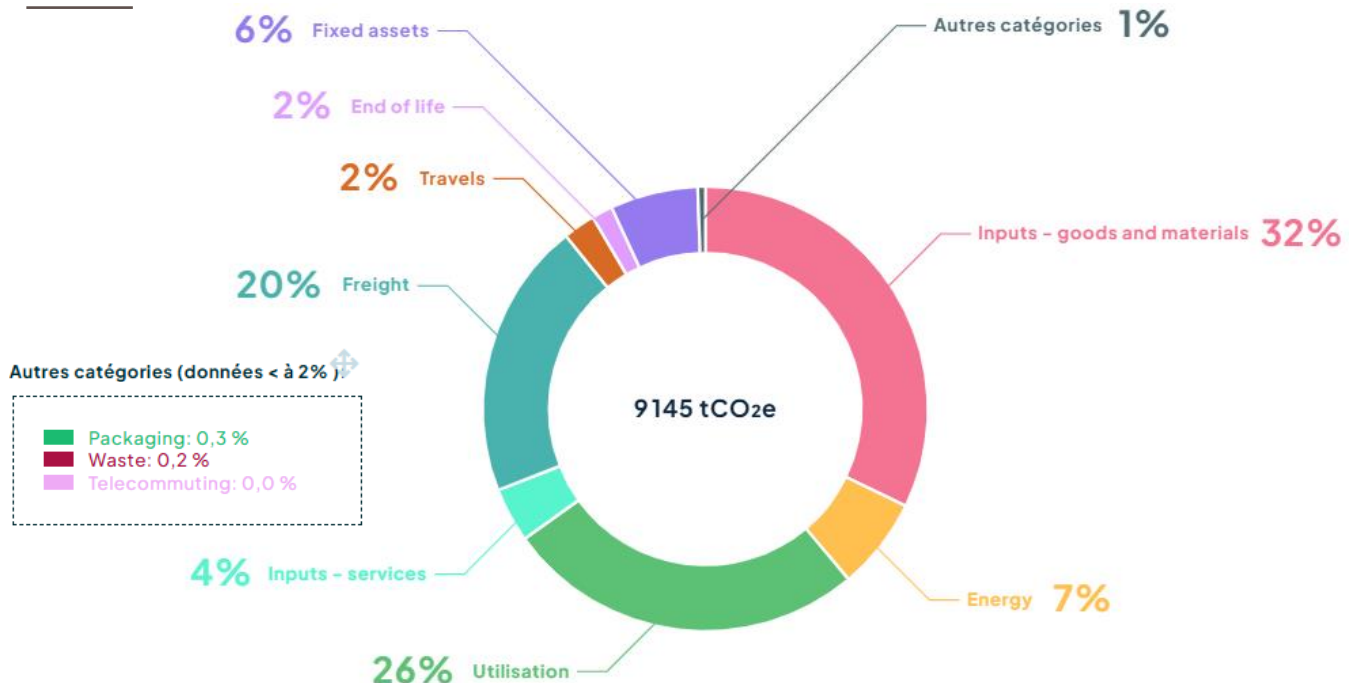
It is equivalent to :

- the annual emissions of 924 French people ;
- 1 502 trips around the world by plane ;
- the combustion of 2 950 000 litres of diesel fuel.

Key indicators



Distribution of emissions



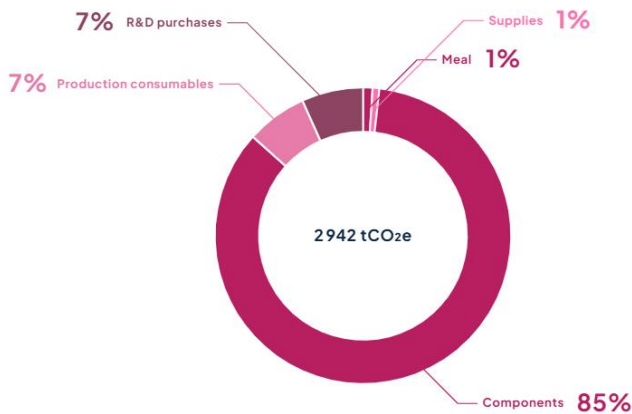
LID Tech's GHG emissions profile is typical of its activity: the main challenge is in the composition of the products themselves. Indeed, raw materials (33%) are the main item on the balance sheet, along with the use of the products sold (26%). Freight impact is the second most important issue (20%).

The uncertainty rate is 15%. LID Tech is part of a continuous improvement process, with the first GHG Balance exercise serving to identify the main issues.

Analysis

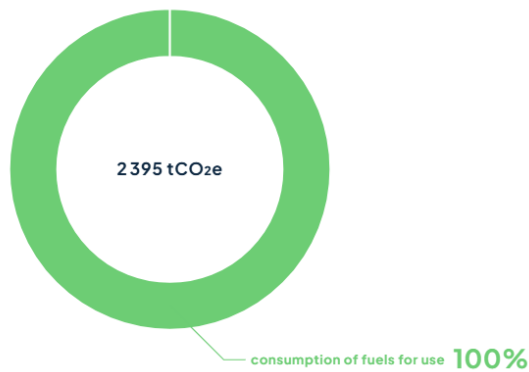


1st emissions item : INPUTS (32%)



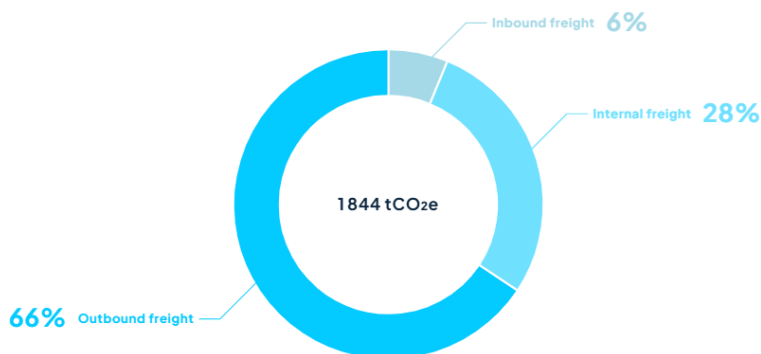
The components of LID products and trade sales are the largest emissions in this family. This corresponds to 25% of total emissions.

2nd emissions item : UTILISATION (26%)



The calculation of emissions linked to the use of LID products is based on numerous assumptions, leading to considerable uncertainty in the results.

3rd emissions item : FREIGHT (20%)



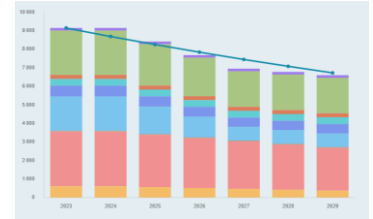
Freight emissions are mainly linked to outbound freight (66%), followed by internal freight (28%). 99% of freight is carried by air and 1% by road.







Action plan

4

- 28%

It is the relative GHG emissions reduction target that **LID TECH** has set for 2030, including the 10 most popular actions at the end of the workshop.



TOPICS	KEY ACTIONS
 PILOTAGE	<ul style="list-style-type: none"> • Set up a project team to transition the company • Integrate CO2 criteria when purchasing components and equipment • Encourage suppliers/subcontractors to carry out their Bilan Carbone®.
 ECO-DESIGN	<ul style="list-style-type: none"> • Carry out life cycle analyses and/or eco-design • Reduce product consumption • Reuse of obsolete equipment and/or second-hand purchases
 SUBCONTRACTOR	<ul style="list-style-type: none"> • Improving the accuracy of subcontracting data
 TRAVEL	<ul style="list-style-type: none"> • Find technical contacts close to customers/subcontractors • Eco-driving training • Set up a sustainable mobility package
 LOGISTICS	<ul style="list-style-type: none"> • Relocate subcontracting to bring production closer to sales outlets • Increase the share of sea freight
 ENERGY	<ul style="list-style-type: none"> • Challenge subcontracting to increase self-consumption • Integrate energy consumption into equipment sourcing for SMT lines