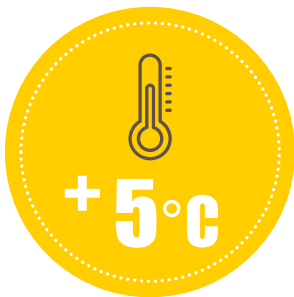


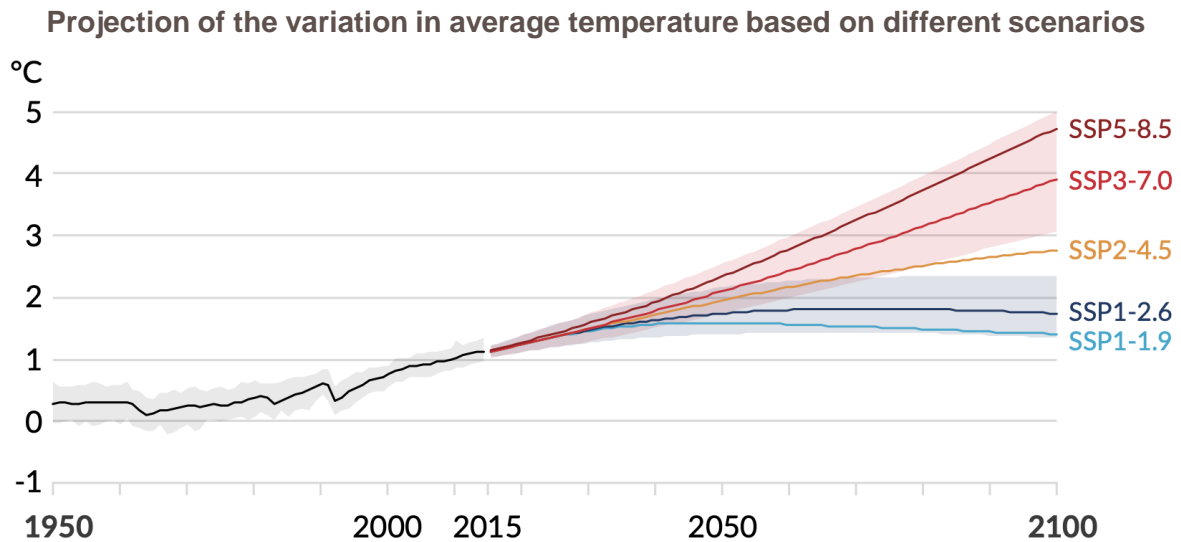
Introduction



A SME positioned as a designer and manufacturer of copper and fiber optic infrastructure equipment for digital and telecommunications network, based in the AIN region close to Lyon and Oyonnax.



This is the **maximum increase in the earth's temperature** that is **forecast by 2100** should strong measures not be adopted.

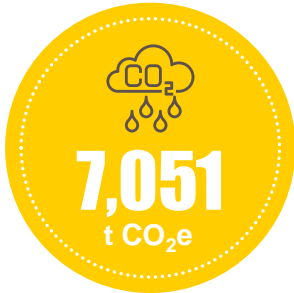


Source: IPCC, 1st working group, 2021

The **consequences of this climate change** are already visible and will become more pronounced in the coming years.

As a committed player, **OMELCOM** was seeking to conduct an assessment of its greenhouse gas emissions for the 3 scopes and commit to a **transition process via the Diag Décarbon'action** programme offered by Bpifrance, in partnership with the ADEME and in collaboration with the ABC. Assistance was provided by the company **TERRITOIRES ACTIONS**.

Results



This is OMELCOM's GHG assessment for the financial year 2021

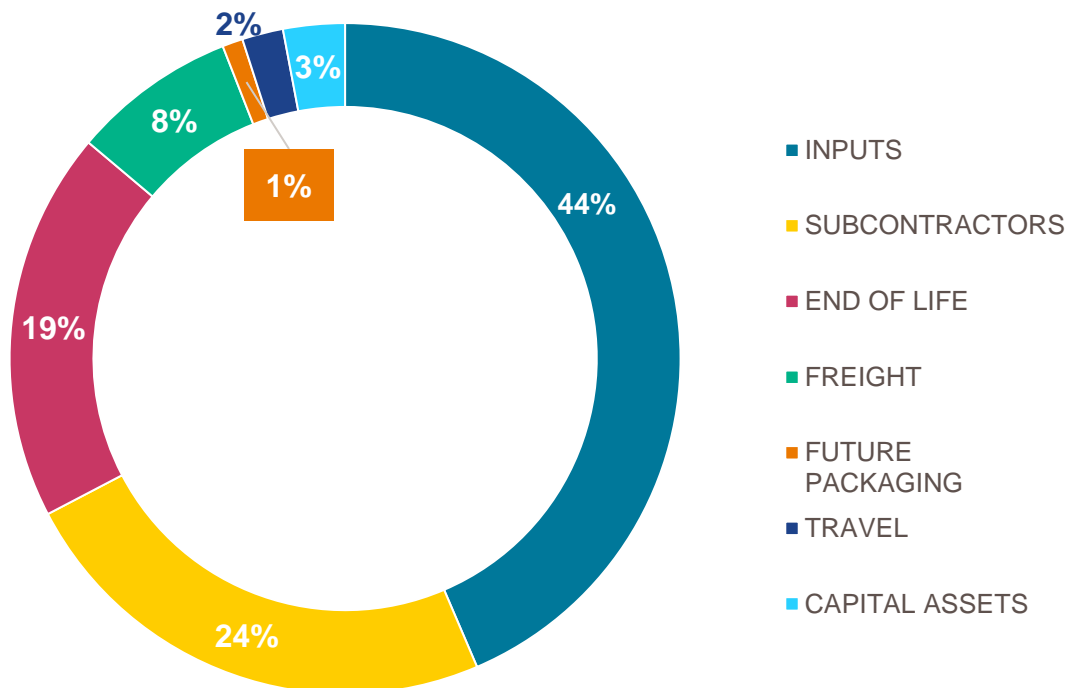
Which is equivalent:

- to the annual emissions of 705 French citizens,
- to 564 flights around the world,
- to burning 2,640,824 litres of diesel.

Key indicators



Breakdown of emissions

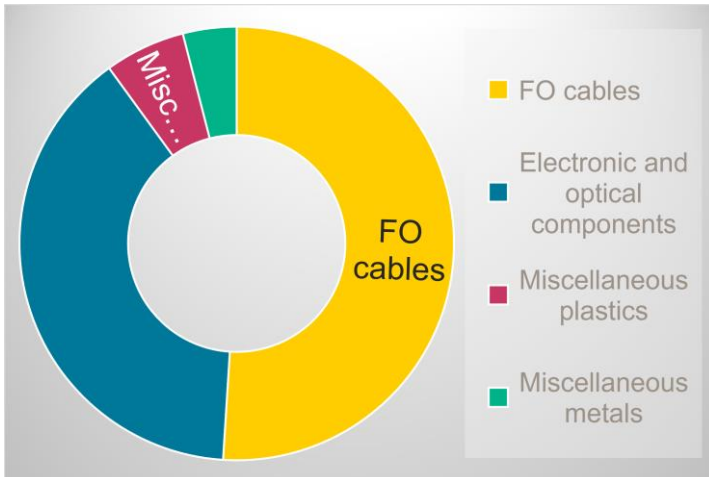


The breakdown of OMELCOM's emissions demonstrates the impact of the materials it handles and, in particular, that of plastic. The majority of the impact is logically due to inputs (69%) and, in particular, purchases of components (44%) including, specifically, fiber optic cables. The performance of subcontractors represents a challenge (24%), however, only the main subcontractor has seen their carbon assessment included overall, other subcontractors need to be encouraged to measure their GHG emissions and provide their assessment. The end of life has been evaluated to estimate the impact of this item on all emissions (19%), which is significant.

Analyses

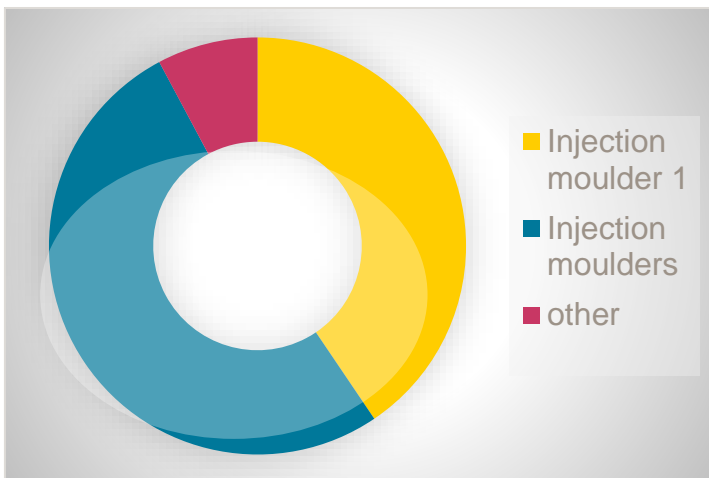


1st emissions item: Purchase of components (44%)



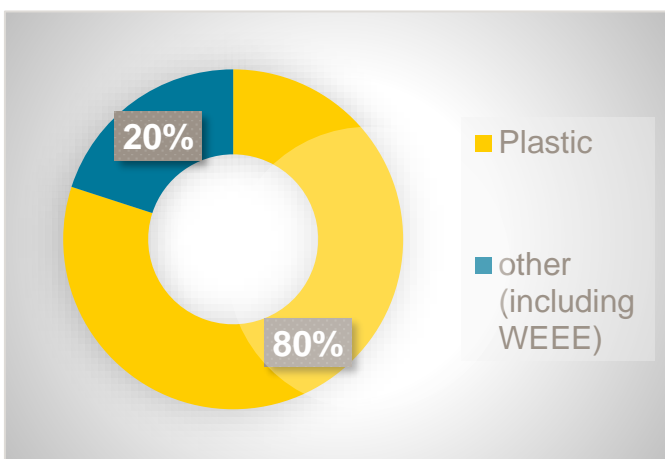
- The main purchasing item (22% of total emissions) relates to fiber optic cables: the unit used is the number of metres of cable: the larger the number of optical fibers, the greater the GHG impact.
- 17% of OMELCOM's total carbon footprint is made up of optical and electronic components.

2nd emissions item: SUBCONTRACTORS (24 %)



- 92% of subcontracting relates to plastic injection moulding. As regards this item, OMELCOM mainly works with local subcontractors, which use plastic material sourced by OMELCOM.
- OMELCOM needs to support these subcontractors with their decarbonisation by encouraging them to understand and then reduce their impacts year on year.

3rd emissions item: END OF LIFE (19 %)



The end of life estimate enables the impact of the weight and composition of products to be taken into account in this first carbon assessment. Even though the EPR system for the Construction Sector will only be deployed on 1st January 2023.







The eco-design of products will have a significant impact on this "end of life" item.

Proposed measures

4

-2%

This is the target for the **annual reduction in relative GHG emissions** that **OMELCOM** has set itself for 2023 and up to 2030.

TOPICS	KEY MEASURES ENVISAGED
 STEERING/GUIDANCE	<ul style="list-style-type: none"> • Measure 1: Continue to train the Carbon Officer in carbon accounting • Measure 2: Include CSR and the climate strategy in monthly quality/CSR meetings, equip ourselves with specific indicators. • Measure 3: Identify the resources needed to implement measures
 ECO-DESIGN	<ul style="list-style-type: none"> • Measure 1: Coordinate the ECO-design action plan • Measure 2: Be able to include GHG footprint measurement from the R&D phase for new products • Measure 3: Work to reduce packaging and digitise documents.
 LOW-CARBON PURCHASES	<ul style="list-style-type: none"> • Measure 1: Strengthen ties with pioneering and virtuous partners (IPC, injection moulders and material suppliers) • Measure 2: Strengthen supplier assessments on the basis of CSR criteria by means of questionnaires and audits • Measure 3: Increase purchases with a low GHG impact
 TRAVEL	<ul style="list-style-type: none"> • Measure 1: Implement the company's mobility plan • Measure 2: Encourage car sharing and "soft" modes of transport • Measure 3: Reshape the mobility of sales representatives
 LOGISTICS- FREIGHT	<ul style="list-style-type: none"> • Measure 1: Establish a Freight 21 programme • Measure 2: Raise customers' awareness of the CO2 impacts of different delivery methods to obtain better levels of forecasts. • Measure 3: Avoid stock shortages to reduce air freight
 SETTING AN EXAMPLE	<ul style="list-style-type: none"> • Measure 1: Apply the 2022 energy sobriety plan • Measure 2: Accurately measure the consumption of different items • Measure 3: Reduce night-time lighting