

Statement Greenhouse Gases (GHG)

June 2023

Melexis has a clear definition, motivation and strategy for sustainability. It helps us to realize the best imaginable future. For our company, but especially for our planet and the people on it.

Sustainability is creating value for as many stakeholders as possible while respecting people and minimizing the use of natural resources. Translated: do more with less in a respectful way. That's why we defined a clear sustainability strategy which aims at both the planet and people.

Planet

- Zero carbon emissions
- Contributing to circular packing and packaging
- Responsible sourcing
- Contributing to zero carbon emissions at customers

People

- Providing a diverse and inclusive workplace
- Offering an engaging professional journey
- Ensuring a safe working environment
- Working together to create a positive social impact

We are translating this strategy into sub goals and actions so we ensure the impact of our intentions. This will create transparency, prevent greenwashing and strengthen our status as a company that cares.

Our ICs and people shape the best imaginable future

The Melexis business model is supporting a sustainable lifestyle. Our products increase efficiency and minimize the use of energy. We play an important role in the electrification of the car. That's how we help with the transition from fossil fuels to eco-friendlier alternatives.

To do so, we need inspired people. That's why we pay so much attention to a diverse, respectful and stimulating working environment. We encourage diversity. We advocate inclusion. We empower people.

It's very clear that sustainability is a collective objective. It involves all colleagues, customers and suppliers throughout the complete supply chain. Together we aim for a sustainable future.

Our carbon footprint

In light of our business activity, ISO 14001 certification rules have defined Melexis as a company with low environmental impact. Melexis designs high-tech semiconductors and integrated circuits and its main production process is testing: we probe products on wafer level and subsequently on the final device. This means that no chemical substances or hazardous substances are used in our production sites. We use nitrogen for low-temperature testing and electricity is the main source of energy for our operational processes.

Melexis adheres to the Greenhouse Gas or GHG Protocol and is now measuring its scope 1 and 2 emissions. In consultation with an external consultant, all our sites have been assessed and their baseline measurements regarding CO₂ emissions have been determined. These initial values provide the starting point for annual comparisons and allow for the establishment of future key performance indicators.

The Melexis carbon footprint analysis is based on the Greenhouse Gas or GHG Protocol (the most widely used protocol to calculate greenhouse gas emissions) and currently lists two scopes:

- Scope 1 covers the direct emissions from owned or operated assets (for example, the fumes from the tailpipes of a company’s fleet of vehicles).
- Scope 2 covers the indirect energy-related emissions from the purchase of energy.

For the calculation of the carbon footprint the ‘méthode Bilan Carbone®’, version V8.6.1 was used. The study was carried out in accordance with ISO 14064-1 (ISO 14064-1: Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals). The results are presented in conformity with the Greenhouse Gas (GHG) Protocol guidelines.

Scope	ton CO ₂ e	%
1	1,029	7.7
2	12,343	92.3
Total 2022	13,372	100
Total 2021	13,814	100

Scope	Activity	Unit	2022	2021
2	Total emission	ton CO ₂ e	13,372	13,814
	Production volume	devices (in 1,000,000)	1,942	1,776
	Specific emission	ton CO ₂ e/10 ⁶ dev.	6.89	7.78

Our goal

Our 2021 scope 1 and 2 footprints served as the baseline for 2022 to define a realistic target for CO₂ reduction to meet the carbon neutrality goal of the European Green Deal in 2050.

By 2030, Melexis aims to reduce its CO₂ emissions per chip by 40%

