

Carbon Footprint Report 2021

Management Summary

Project Target: The project target was to calculate a Corporate Carbon Footprint (CCF) for Encavis (“Encavis”). The calculation is based on internationally recognized standards for CCF calculation, in particular the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard (GHG Protocol) especially Corporate Value Chain (Scope 3) Accounting and Reporting Standard¹. The emission balance is reported in CO₂ equivalents (CO₂e). Reference year for the emissions balance is the calendar year 2021.

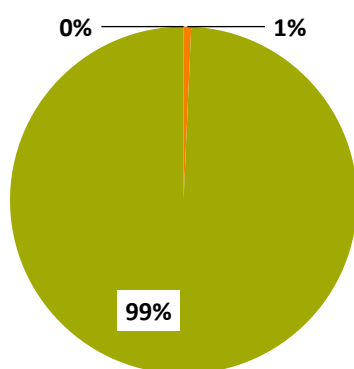
The inventory boundaries of the CCF are composed of the organizational and operational boundaries. For the present CCF the organizational boundaries are determined by:

- **Operational Control:** The reporting company reports 100 percent of the GHG emissions from those (affiliated) companies over which it has operational control.

The operational boundaries are determined by:

- **Scope 1 – Direct emissions:** These are GHG emissions occurring from sources that are owned or controlled by the company such as emissions from fuel consumption of vehicles, combustion (boilers, furnaces etc.) and chemical production.
- **Scope 2 – Indirect GHG emissions:** These are GHG emissions from purchased electricity or district heating consumed by the company.
- **Scope 3 – Other indirect GHG emissions:** These are GHG emissions which are indirectly emitted due to activities by the company. This can include emissions of purchased products or services, waste, commuting and work travel.

Encavis - Carbon Footprint 2021: The calculated total carbon footprint amounts to **474,907 t CO₂e**



Scope	Value	Unit
Scope 1	39	t CO ₂ e
Scope 2*	3,287	t CO ₂ e
Scope 3	471,581	t CO ₂ e
Total CF	474,907	t CO₂e
*market-based		
Sum location-based: 3,466 t CO ₂ e		

- Scope 1 - Direct Energy
- Scope 2 - Purchased Energy (market-based)
- Scope 3 - Company & Supply Chain Activities

¹ Standards available at <http://www.ghgprotocol.org/standards/>

The resulting data quality rating for the overall result is **“Fair”**, corresponding to a bandwidth of +/- 20%. All results are based on the information provided by Encavis and should be considered preliminary. DFGE recommends conducting further investigation to improve data quality.

Encavis – Carbon intensity. Based on the data provided by Encavis for the year 2021, the following emission intensity metrics have been calculated:

Intensity metric	Value	Unit
Emissions per unit of revenue	1427.43	t CO ₂ e/million EUR
Emissions per FTE	3216.66	t CO ₂ e/FTE
Emissions per floor area	146.83	t CO ₂ e/m ²

With 91% of total emissions, capital goods (Scope 3.2) are the main drivers of Encavis' carbon footprint. The new construction of the wind and solar parks plays a major role here. The second most important category is Investments (Scope 3.15) with 8%, which were accounted for the first time in 2021. Here, too, investments in wind and solar parks in the construction phase are particularly significant. In Scope 2, the purchased electricity is essential, in Scope 1 it is the vehicle fleet.

The methodological background, detailed results for all categories, used data sources as well as a detailed data quality assessment and much more are presented in the detailed carbon footprint report.

