

Carbon Footprint Report 2023 of Encavis

Management Summary

Project Target: The project target was to calculate a Corporate Carbon Footprint (CCF) for Encavis AG (“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 2023.

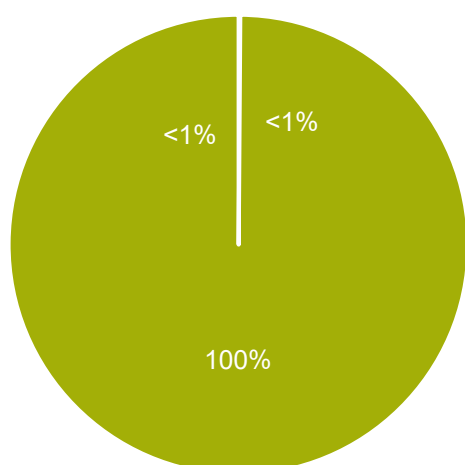
The inventory boundaries of the CCF are composed of the organizational and operational boundaries. For the present CCF the organizational boundaries are determined by:

- **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 2023: The calculated total carbon footprint amounts to **286.219 t CO₂e**



■ Scope 1 ■ Scope 2 ■ Scope 3

Scope	Value	Unit
Scope 1	611	t CO ₂ e
Scope 2*	540	t CO ₂ e
Scope 3	285.069	t CO ₂ e
Total CF	286.219	t CO₂e
*market-based		
Sum location-based: 2.832 t CO ₂ e		

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 **+/- 15-30%**. 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 2023, the following emission intensity metrics have been calculated:

Intensity metric	Value	Unit
Emissions per unit of revenue	621	t CO ₂ e/million EUR
Emissions per FTE	774	t CO ₂ e/FTE
Emissions per floor area	38	t CO ₂ e/m ²
Emissions per nominal capacity ²	135	t CO ₂ e/MW
Emissions per produced energy ³	0,08	t CO ₂ e/MWh

With over 64% of total emissions, capital goods (Scope 3.2) are the main drivers of Encavis' carbon footprint. The construction of new wind and solar parks as well as the acquirement of those parks plays a major role here. The second most important category is Investments (Scope 3.15) with 35%. Here, as well, investments in wind and solar parks in the construction phase are particularly significant. Compared to last year there is a shift of emissions from capital goods to investments due to acquirements of AG with lesser total nominal capacity. In Scope 2, the purchased electricity is essential, in Scope 1 it is the vehicle fleet. Compared to Scope 3 those emissions are neglectable, however for achieving science-based targets they are relevant as well.

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.



² For the nominal power only the parks of the AG were considered.

³ Based on the AG Parks