

Tibnor Emission Statement 2022

This emission statement aims to provide a complete picture of Tibnor's carbon dioxide emissions using the GHG Protocol reporting standard. Using a cradle-to-gate approach, Tibnor is focusing on upstream emissions within scope 3. All Tibnor entities are included in the reporting scope.

Category	Total emissions [ton CO2e]	Share of total emissions	Ton CO2e per ton steel (ave)*
Scope 1 emissions	2 671	0,16%	0,003
Scope 1 emissions	2 671	0,16%	
Scope 2 emissions	3 056	0,18%	0,003
Marked-based emissions	3 056	0,18%	
Location-based emissions	3 557		
Scope 3 emissions**	1 650 213	99,65%	1,877
3.1. Purchased goods and services	1 576 302	95,19%	
3.2. Capital goods	11 552	0,70%	
3.3. Fuel and energy-related activities	1 653	0,10%	
3.4. Upstream transportation and distribution	19 494	1,18%	
3.5. Waste in own operations	42	0,00%	
3.6. Business travel	41	0,00%	
3.7. Employee commuting	440	0,03%	
3.8. Upstream leased assets	-	0,00%	
3.9. Downstream transportation and distribution	40 690	2,46%	
TOTAL	1 655 940	100%	1,884

*) Total emissions divided by 2022 volume (879,000 ton)

**) Cradle-to-gate approach, i.e. upstream scope 3 only

Climate related goals and ambitions

Tibnor's overall goal is to reduce the average emission intensity per ton steel delivered (ton CO2e per ton steel) by 2030 with at least 50% compared to base year (2022). For 2022 the average emission intensity was 1,884 ton CO2e per ton steel.

Tibnor has an ambition to help drive the steel value chain towards net zero emissions. The by far largest potential impact comes from prioritizing sourcing of materials with low/no carbon dioxide emissions. In addition, moving away from fossil fuels in transportations also have material impact.

Calculation principles

Scope 1&2

Scope 1&2 include emissions from Tibnor's own operations. Scope 1 includes fuel use and refrigerant leakage, and scope 2 covers electricity and heating in all facilities. For scope 2, the market-based approach is used in the consolidation of

emissions including contract emission factors where available and residual mix factors elsewhere. Consumption data is collected from all individual Tibnor markets.

Scope 3

Category 3.1 is the material sub category from an emissions perspective. There are a few more categories with limited impact on total emissions.

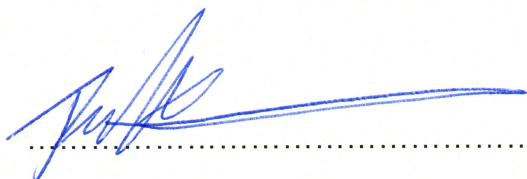
For emissions from purchased goods a hybrid method is used with supplier-specific data where available and secondary data to fill the gaps.

Emissions for purchased services (e.g. IT services, audits, licenses) as well as capital goods (e.g. machines, buildings and vehicles) are calculated based on spend.

For outbound transportation arranged or paid for by Tibnor (Category 3.4 Upstream transportation and distribution), emissions are calculated on country-level using either distance and weight, ton-kilometers and weight, or total emissions calculated by the transport company.

For inbound transportation arranged or paid for by suppliers (Category 3.9 Downstream transportation and distribution), emissions are calculated on supplier level using weight, distance and transport mode for each transport leg.

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