Explanation of Key Trends - Carbon Monoxide
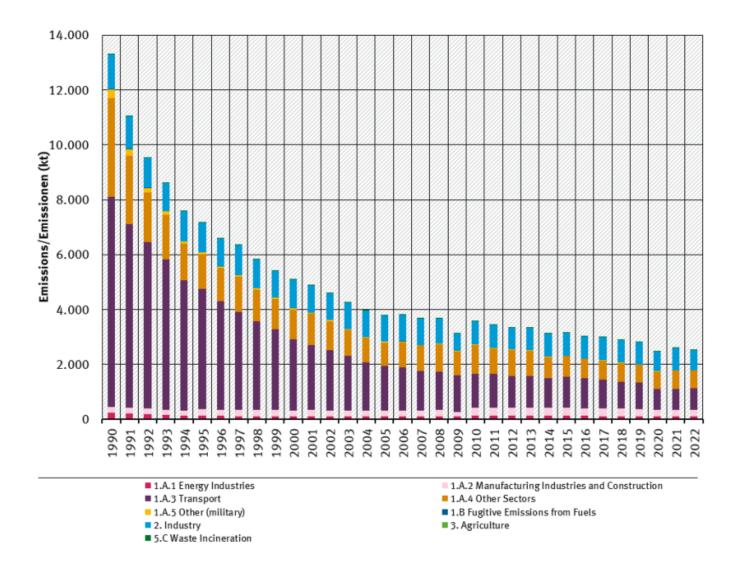
Main drivers

CO total emissions show a falling trend over the whole interval, with emission **reductions of 80.9 %** between 1990 and 2022 and a renewed interval of emission reductions in the last years.
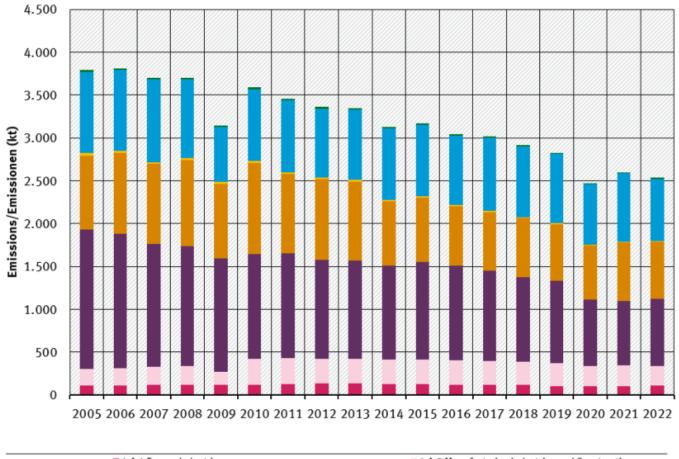
The Main Driver for CO emissions is **Fuel Combustion (NFR 1.A)** with 90% of total 1990 emissions and an 85% reduction between 1990 and 2022. In the Fuel Combustion category, **Road Transport (NFR 1.A.3.b)** is responsible for 57% of the 1990 emissions, with **Passenger Cars (NFR 1.A.3.b.i)** emitting nearly all of it. Reductions of about 90% in those categories between 1990 and 2022 are mainly due to constantly improving fuels and increasingly stricter regulations resulting in technical improvements.

Other Sectors (NFR 1.A.4, including commercial/institutional and residential sources) are responsible for about 27% of 1990 Fuel Combustion emissions with a 81% reduction between 1990 and 2022.

Table: Carbon monoxide emissions 1990-2022, in kilotonnes [kt]

																	Trend: latest compared to	
1990	1995	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	1990	previous year
13.320	7.188	5.097	3.790	3.588	3.459	3.360	3.344	3.129	3.171	3.042	3.021	2.917	2.828	2.469	2.596	2.539	-80.9%	-2,2%

Legend:
- 1.A.1 Energy Industries
- 1.A.2 Manufacturing Industries and Construction
- 1.A.3 Transport
- 1.A.4 Other Sectors
- 1.A.5 Other (military)
- 1.B Fugitive Emissions from Fuels
- 2. Industry
- 3. Agriculture
- 5.C Waste Incineration

Legend:
- 1.A.1 Energy Industries
- 1.A.3 Transport
- 1.A.5 Other (military)
- 2. Industry
- 5.C Waste Incineration
- 1.A.2 Manufacturing Industries and Construction
- 1.A.4 Other Sectors
- 1.B Fugitive Emissions from Fuels
- 3. Agriculture