

# Explanation of Key Trends - Carbon Monoxide

## Main drivers

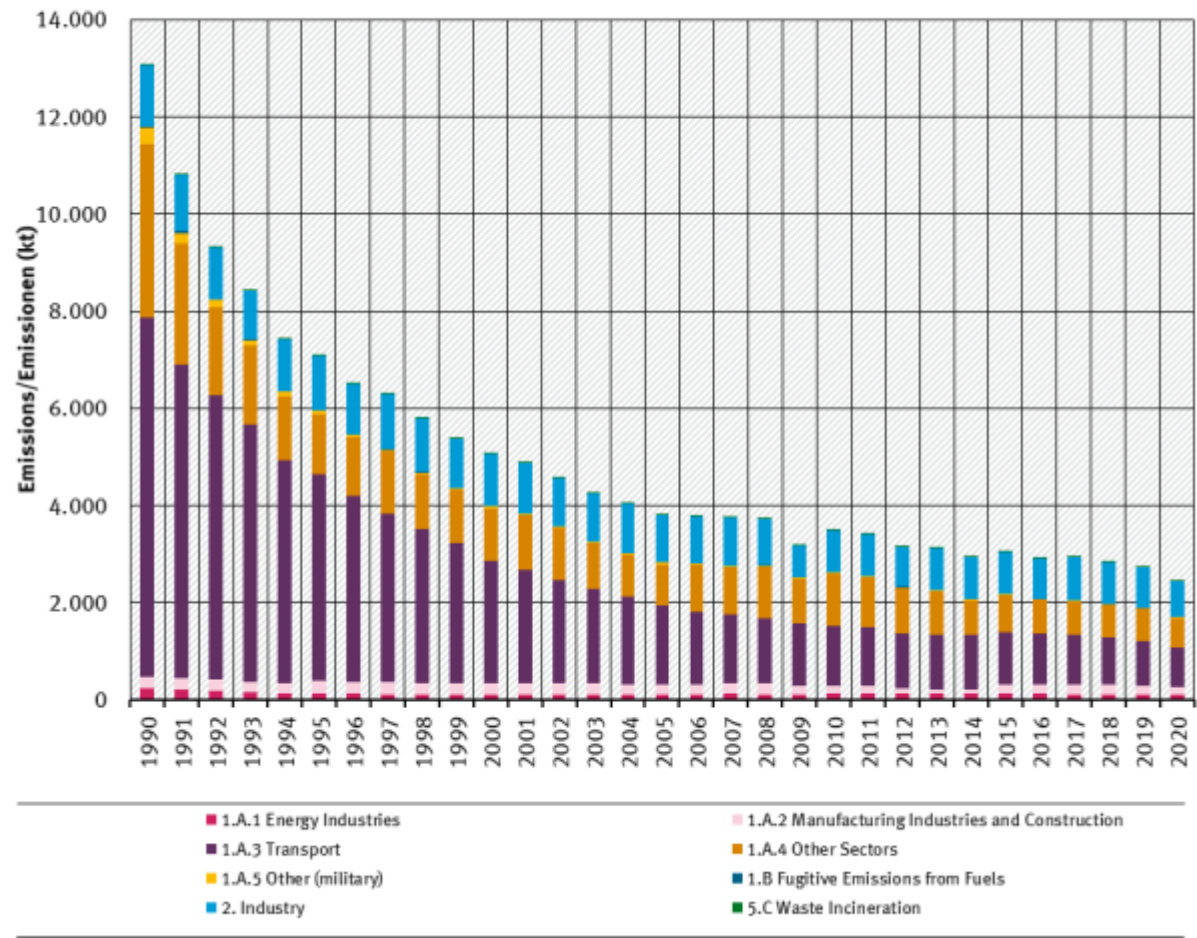
**CO total emissions** show a falling trend over the whole interval, with emission reductions of 81.2 % between 1990 and 2020 and a renewed interval of emission reductions in the last years. The Main Driver for CO emissions is **Fuel Combustion (NFR 1.A)** with 90% of total 1990 emissions and an 86% reduction between 1990 and 2020. 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 89% in those categories between 1990 and 2020 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 82% reduction between 1990 and 2020.

CO Emissions 1990-2020

| Total Emissions (kt) |       |       |       |       |       |       |       |       |       |       |       |       |       |       | Trend: latest compared to |            |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|------------|
| 1990                 | 1995  | 2000  | 2005  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 1990                      | last years |
| 13.081               | 7.100 | 5.084 | 3.837 | 3.513 | 3.429 | 3.175 | 3.134 | 2.965 | 3.069 | 2.946 | 2.961 | 2.852 | 2.753 | 2.455 | 📉 -81.2%                  | ➡          |

### Carbon Monoxide / Kohlenmonoxid

Emissions per Sector / Sektorale Emissionen

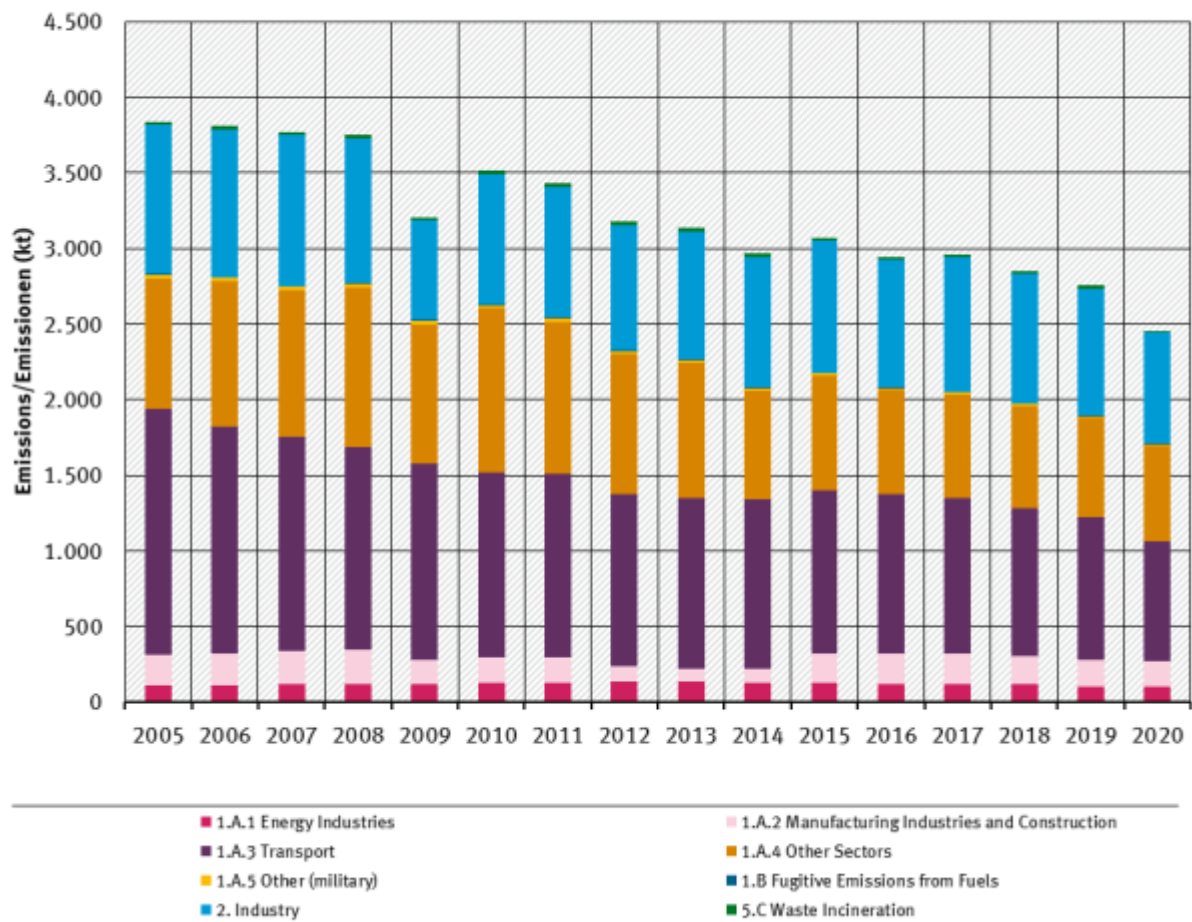


Quelle: German Emission Inventory (01.02.2022)

### CO trend by sector

## Carbon Monoxide / Kohlenmonoxid

Emissions per Sector / Sektorale Emissionen



Quelle: German Emission Inventory (01.02.2022)

CO trend by sector, from 2005