Explanation of Key Trends - Fine Particulate Matter (PM₁₀)

Main drivers

Between 1995 and 2021 the total PM₁₀ emissions dropped by 47.4%. The Main Drivers for PMsub>10</sub> emissions are Fuel Combustion (NFR 1.A) with 48% of total 1995 emissions and a 60% reduction between 1995 and 2021 and as a sum the Industrial Processes (NFR 2) (and especially Handling of Bulk Products NFR 2.L therein) with 40% of total 1995 emissions and a 43% reduction.

Within NFR 1.A, Transport (NFR 1.A.3) produces the biggest part of PM₁₀ emissions. Here, about three quarters of the 2021 Transport PM₁₀ emissions are produced by Road Transport (NFR 1.A.3.b), half of which is directly caused by fuel combustion (NFR 1.A.3.b.i - iv) and the other half by road abrasion and tyre and brake wear (NFR 1.A.3.b.vi - vii).

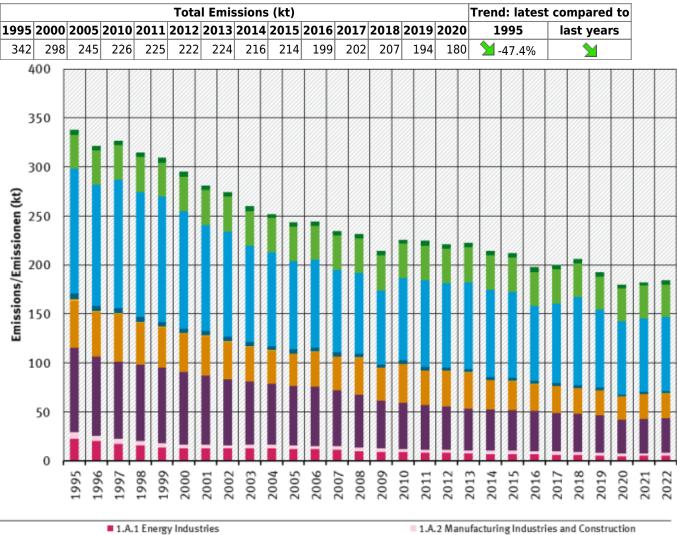


Table: PM₁₀ Emissions 1990-2021

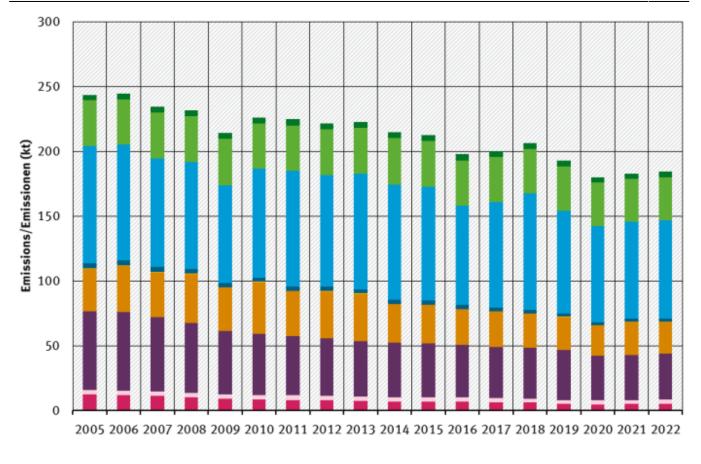
1.A.3 Transport

1.A.5 Other (military)

- Industry
- 5. Waste

- 1.A.4 Other Sectors
- 1.B Fugitive Emissions from Fuels
- 3. Agriculture

PM₁₀ trend by sector



- 1.A.1 Energy Industries
 1.A.3 Transport
- 1.A.5 Other (military)
- Industry
- 5. Waste

- 1.A.2 Manufacturing Industries and Construction
- 1.A.4 Other Sectors
- 1.B Fugitive Emissions from Fuels
- 3. Agriculture

 PM_{10} trend by sector, from 2005