

# Explanation of Key Trends - Fine Particulate Matter (PM<sub>10</sub>)

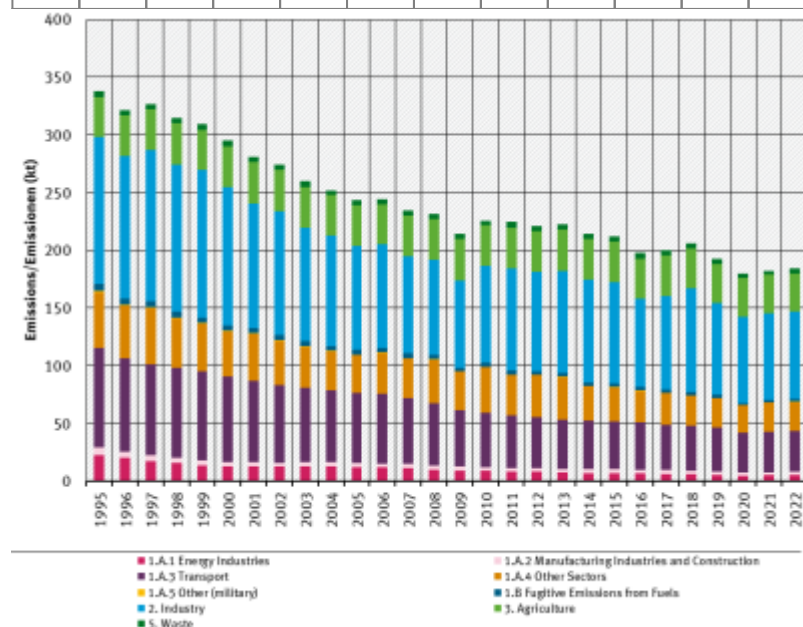
## Main drivers

Between 1995 and 2019 the **total PM<sub>10</sub> emissions** dropped 41.2%. The Main Drivers for PM<sub>10</sub> emissions are **Fuel Combustion (NFR 1.A)** with 48% of total 1995 emissions and a 57% reduction between 1995-2019 and as a sum the **Industrial Processes (NFR 2)** (and especially **Handling of Bulk Products NFR 2.L** therein) with 39% of total 1995 emissions and a 33% reduction between 1995-2019.

Within NFR 1.A, **Transport (NFR 1.A.3)** produces the biggest part of PM<sub>10</sub> emissions. Here, about 75% of 2019 Transport PM<sub>10</sub> 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)**.

PM<sub>10</sub> Emissions 1990-2019

| Total Emissions (kt) |      |      |      |      |      |      |      |      |      |      |      |      | Trend: latest compared to |            |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------|------------|
| 1995                 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 1995                      | last years |
| 346                  | 303  | 248  | 228  | 227  | 224  | 226  | 218  | 214  | 200  | 202  | 207  | 204  | ↓ -41.2%                  | →          |



PM<sub>10</sub> trend by sector