

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

## Main drivers

Between 1995 and 2023, **total PM<sub>10</sub> emissions dropped by 46%**.

The Main Drivers for PM<sub>10</sub> emissions are **Fuel Combustion (NFR 1.A)** with 48% of total 1995 emissions and a 63% reduction between 1995 and 2023 and as a sum the **Industrial Processes (NFR 2)** (and especially **Handling of Bulk Products NFR 2.L** therein) with 38% of total 1995 emissions and a 37% reduction.

Within NFR 1.A, **Transport (NFR 1.A.3)** produces the biggest part of PM<sub>10</sub> emissions. Here, about three quarters of the 2023 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)**.

Table: PM<sub>10</sub> Emissions 1990-2023, in kilotonnes [kt]

																	Trend: latest compared to	
1995	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	1995	previous year
334	291	240	223	222	219	220	212	210	195	198	205	191	179	180	182	182	-45.7%	0.2%

