## Explanation of Key Trends - Fine Particulate Matter (PM10)

## Main drivers

Between 1995 and 2019 the **total PM10 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)**.

Total Emissions (kt) Trend: latest compared to 1995 2000 2005 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 last years ⇒ 41.2% Emissions/Emissionen (kt) 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 Industry Agriculture 5. Waste

PM10 Emissions 1990-2019

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