

## **Pollutant emissions from road transport: state of play of the European Union regulations**

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Air pollution lies amongst the most significant risks in the European Union causing around 400 000 premature deaths per year as well as large economic and environmental impacts. Since road transport is a key source of primary pollutants it has been subjected for decades to EU efforts aiming at curbing pollutant emissions. The aim of the presentation is to provide an overview of the current EU emission regulations scenario focusing on on-road testing with portable emissions measurement systems from the perspective of the Joint Research Centre, the in-house research centre of the European Commission, which has played a significant role in the development of the EU emissions standards for light and heavy-duty vehicles, as well as non-road mobile machinery.

The JRC research outputs in order to support to EU emission policies will be presented, namely the Real Driving Emissions regulation for light-duty vehicles whose final regulatory package entered into force in 2019 as well as the provisions for PEMS-based In-Service conformity of light and heavy-duty vehicles.