



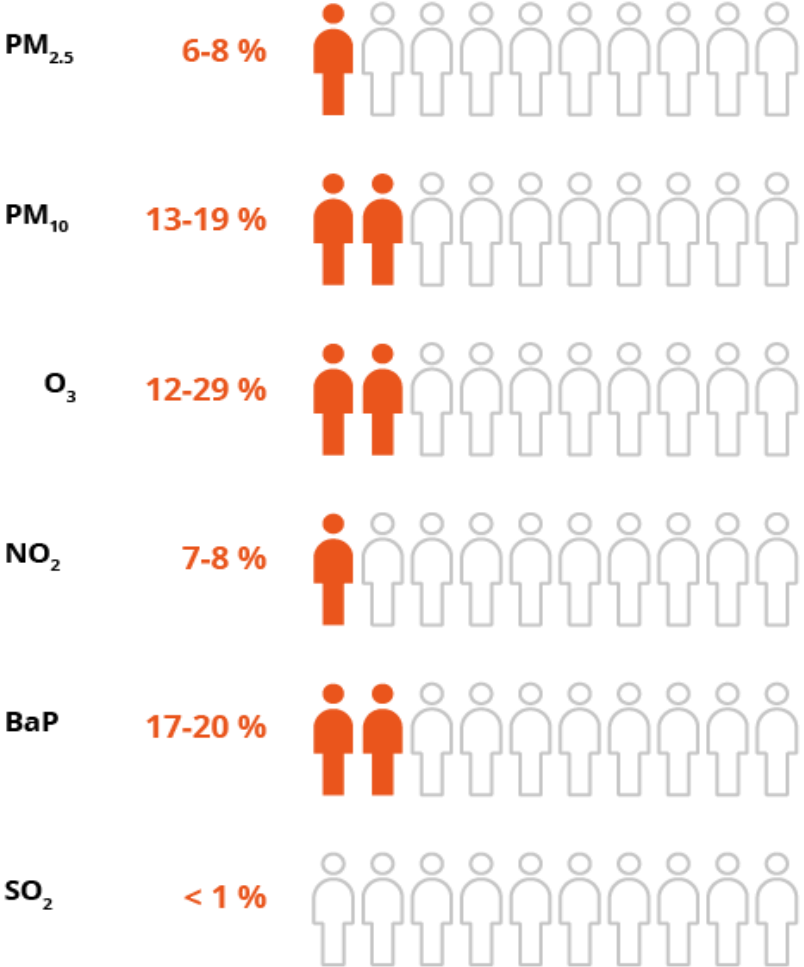
Air Quality in Europe 2019 – Trends, health impacts and a sustainable future

Hans Bruyninckx | Clean Air Forum | Bratislava 28 November 2019

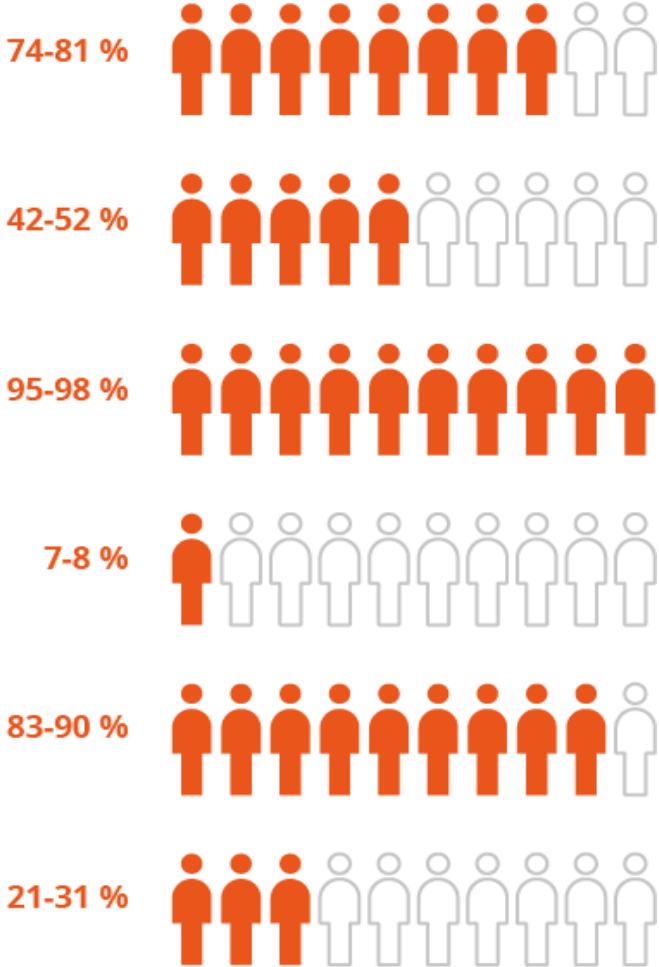
Many Europeans still exposed to harmful levels of air pollution

Share of EU urban population exposed to air pollutant concentrations above EU and WHO reference values in 2015-2017

EU limit/target values

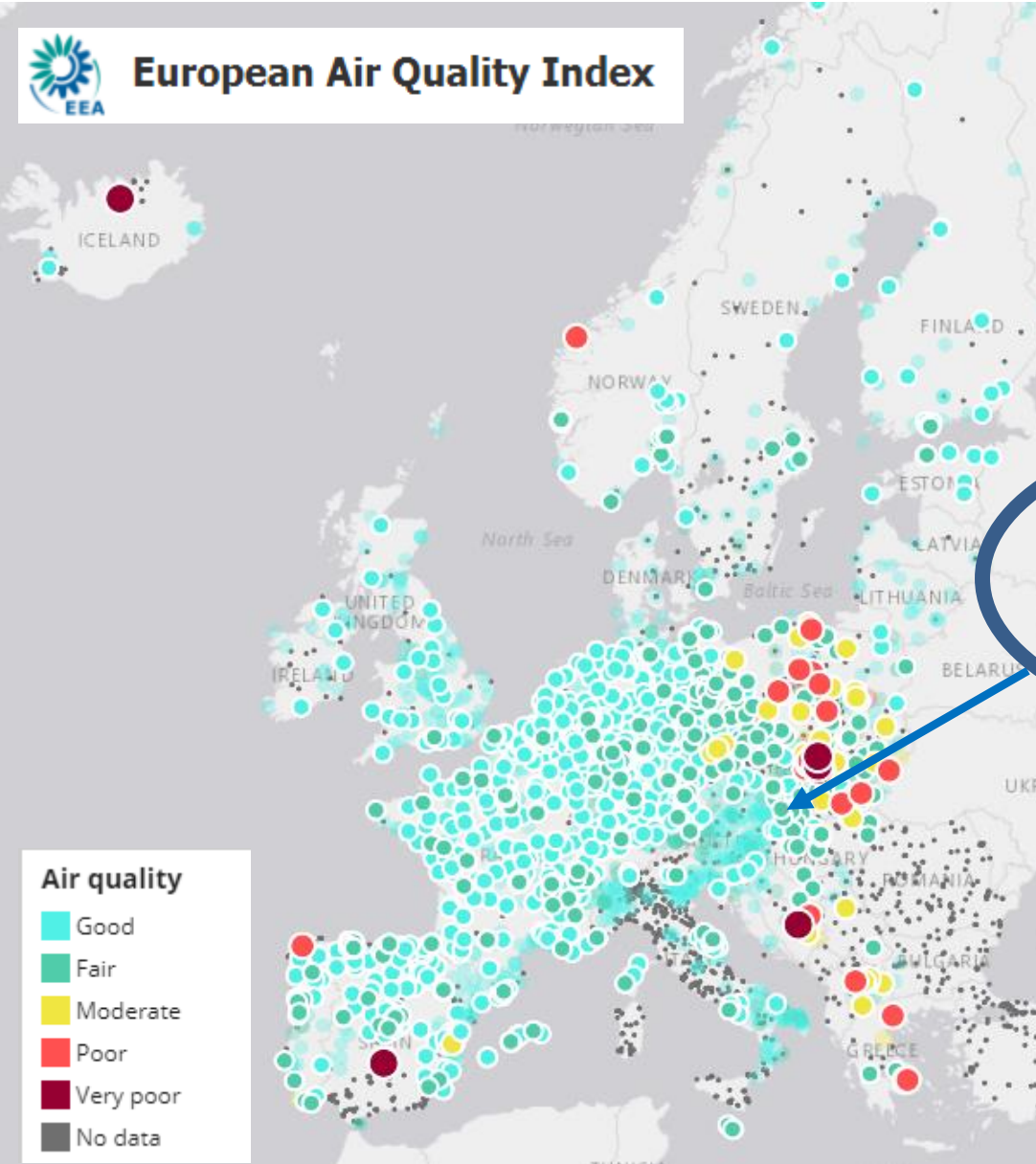


WHO guidelines



Source: [CSI004](#)

Europe's air quality and implications for health



Bratislava - Jeseniova (SK0048A)

Accumulated past 365 days

Air Quality Index Fair (due to PM2.5)

Date 2019-11-21 13:00 UTC+1

Country Slovakia

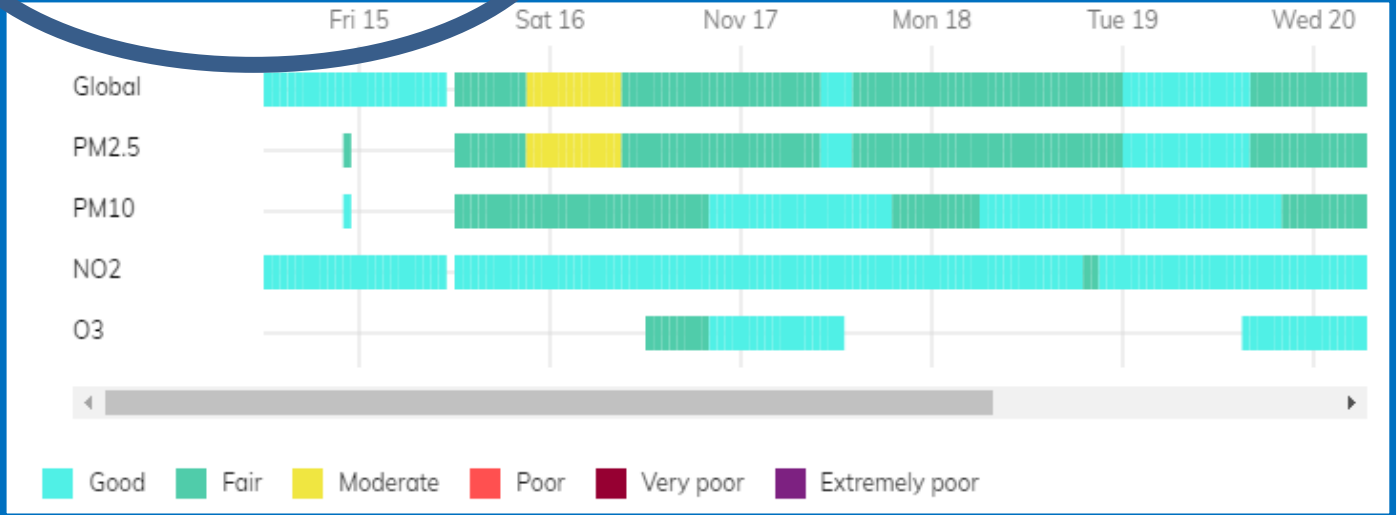
Location Bratislava III

Classification Background

Area Suburban

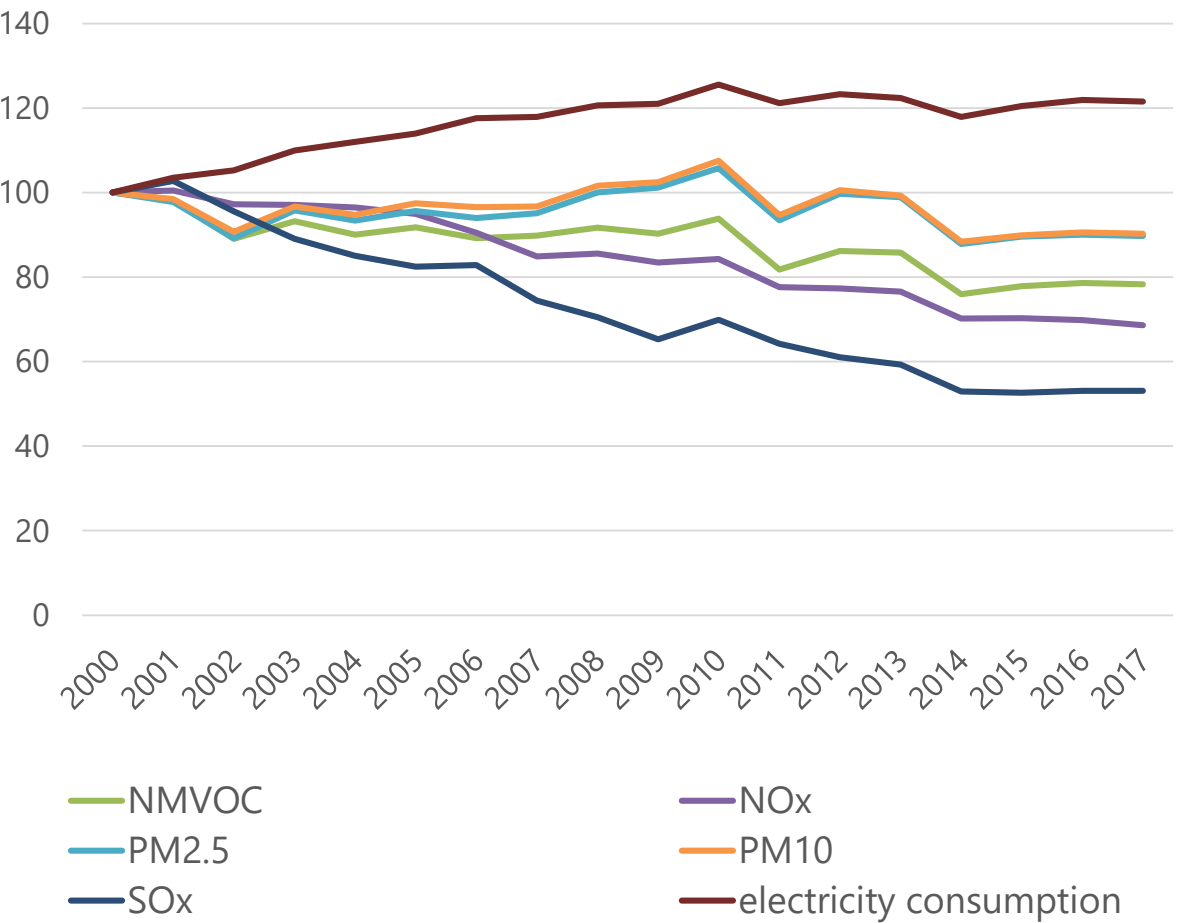
General population
Enjoy your usual outdoor activities.

Sensitive population
Enjoy your usual outdoor activities.

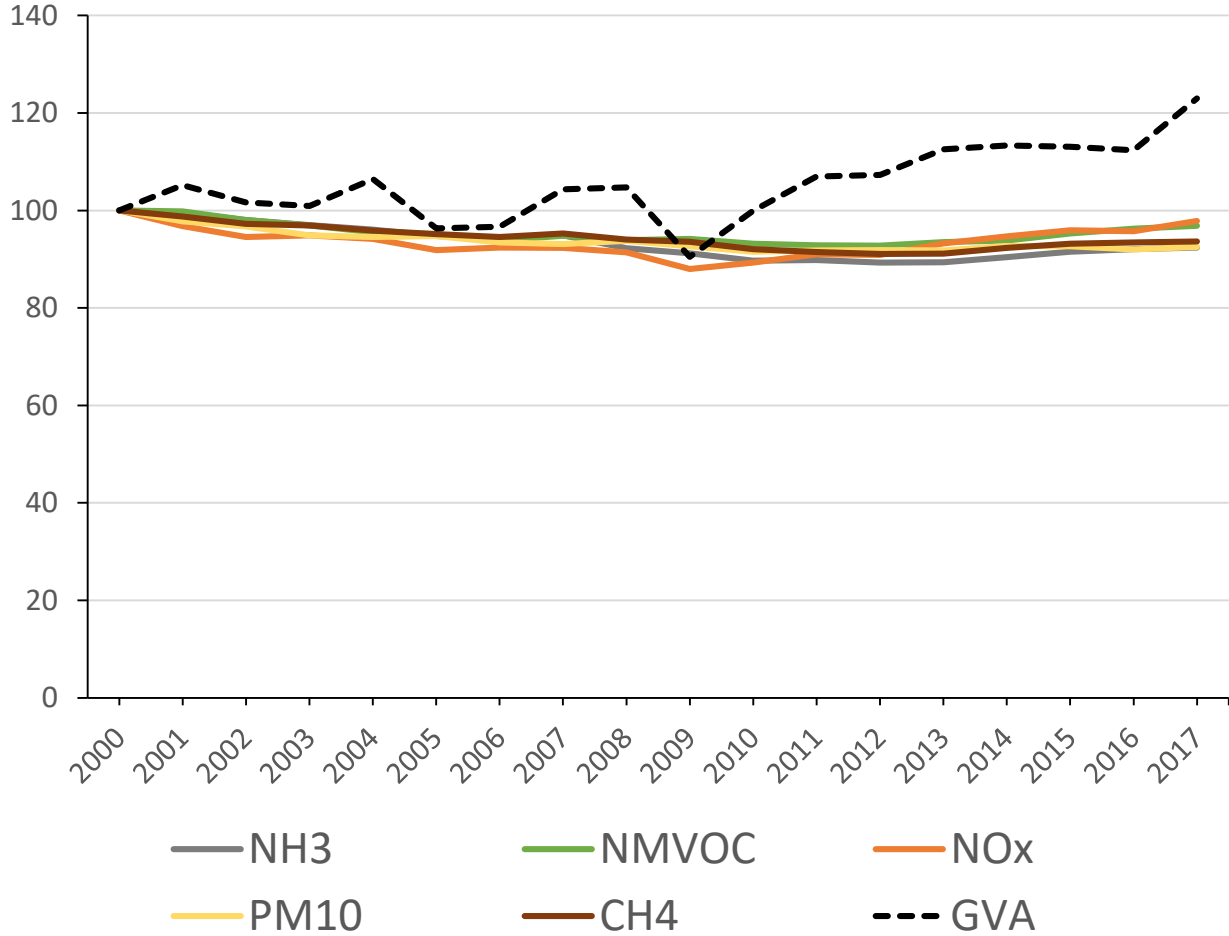


Emissions go down...but not equally across all sectors

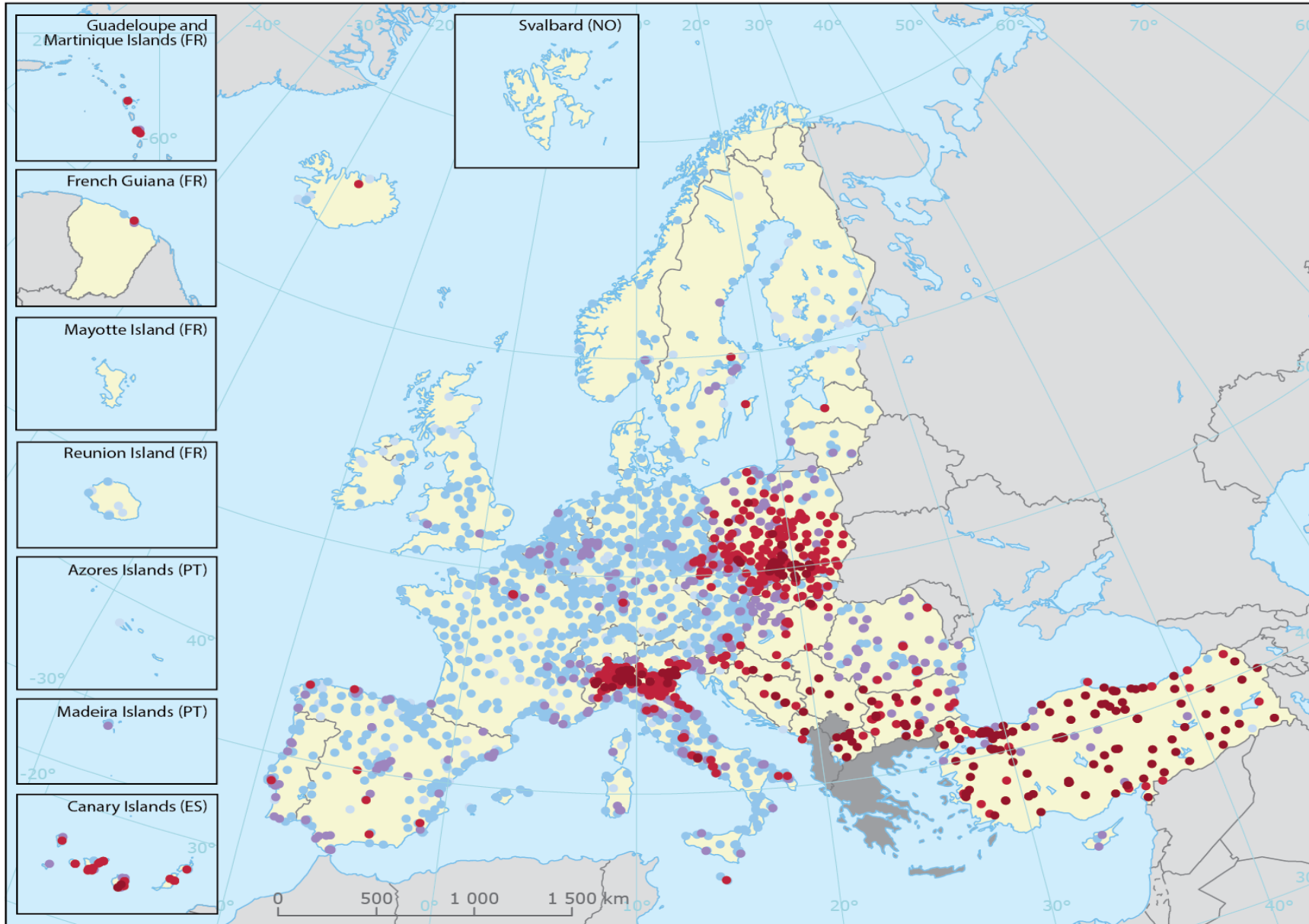
Commercial, institutional and residential energy use



Agriculture



Particulate matter (PM₁₀) concentrations in Europe



90.4 percentile of PM₁₀ daily concentrations in 2017

µg/m³

- ≤ 20
- 20-40
- 40-50
- 50-75
- > 75

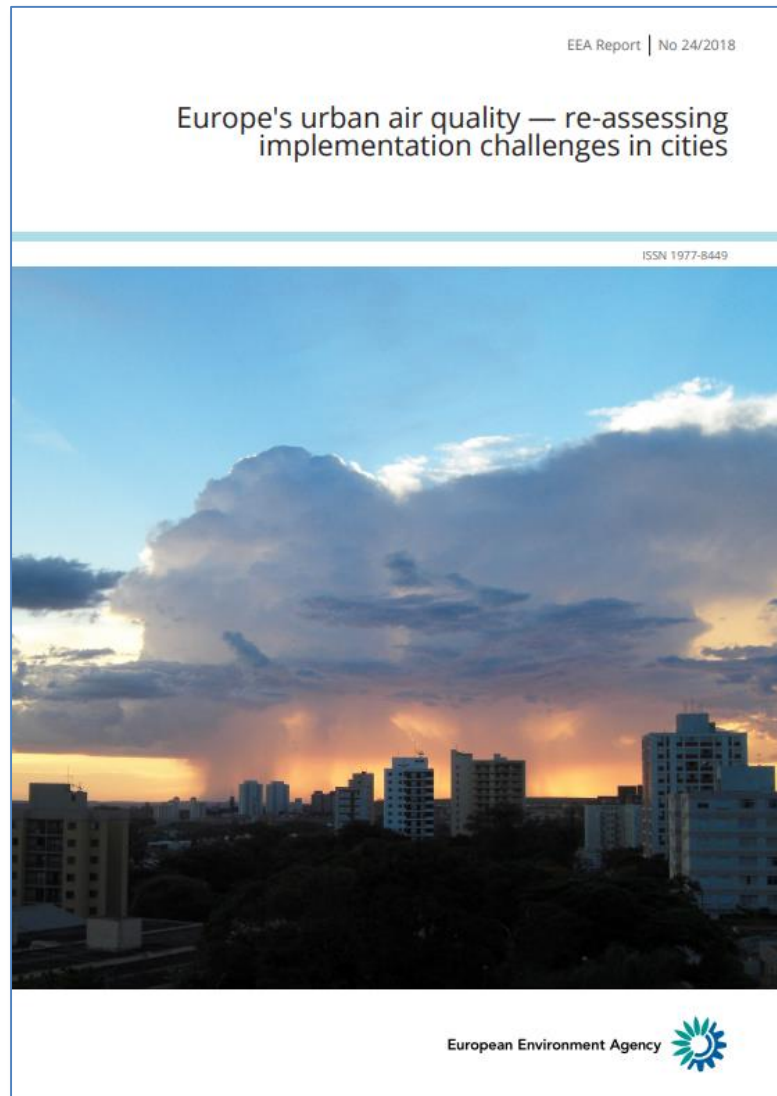
■ No data

■ Countries/regions not included in the data exchange process

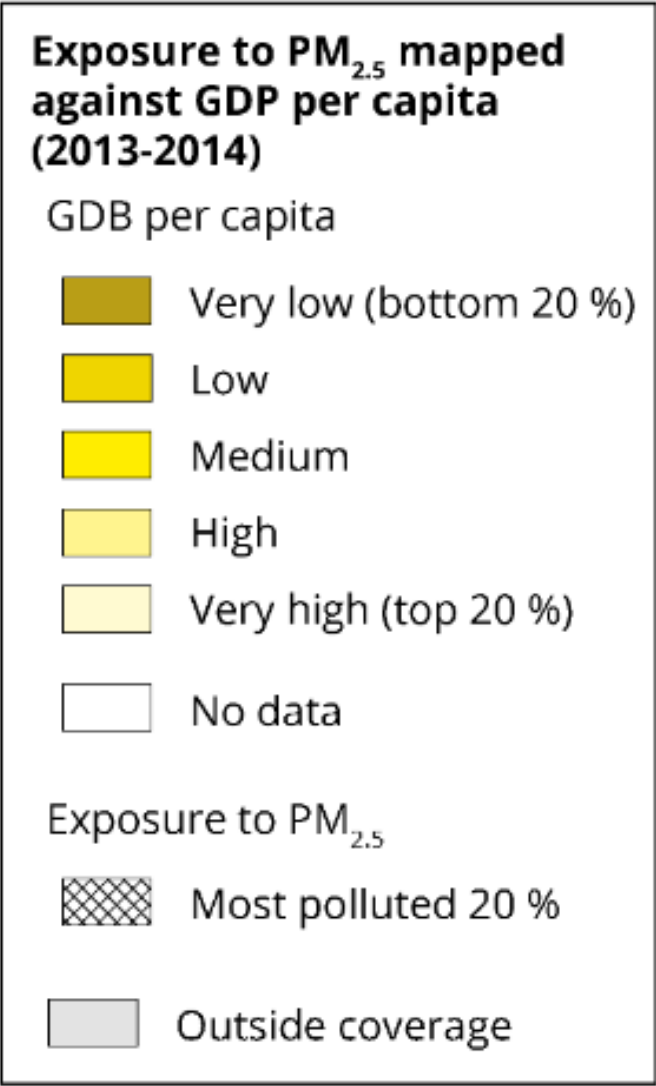
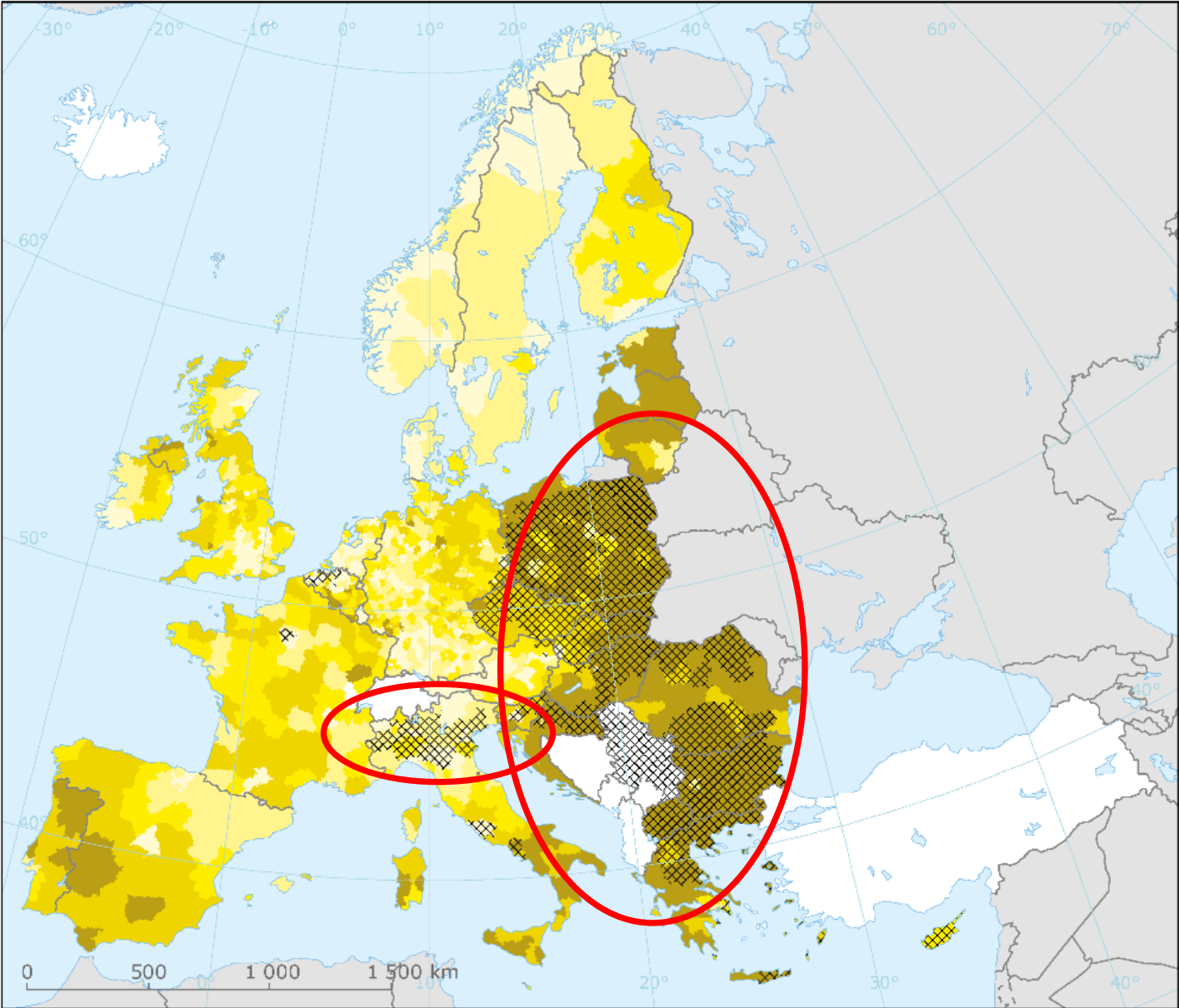
EU daily limit value 50 µg/m³



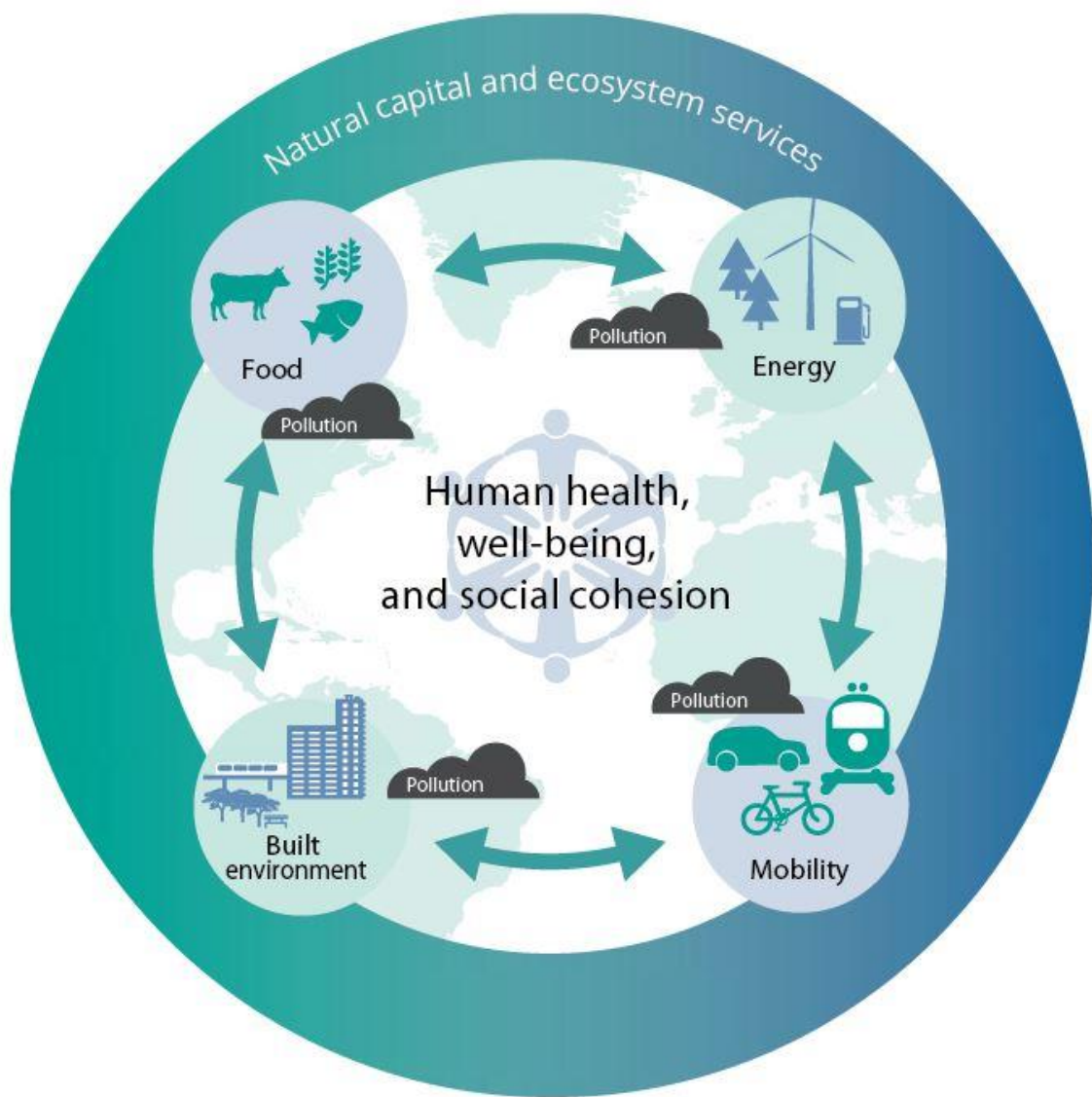
Air quality and urban implementation



Social vulnerability: poorer regions have worse air quality



Systems thinking and the European Green Deal



- Global leadership: world's first **climate-neutral** continent
- **Biodiversity Strategy 2030**
- New **Circular Economy** Action Plan
- **Zero pollution strategy**
- **Farm to fork** strategy
- **Just transition**
- **Sustainable European Investment Plan**
- Future ready economy – new **industrial strategy**

Air quality in Europe — 2019 report

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Thank you

[https://www.eea.europa.eu/publications/
air-quality-in-europe-2019](https://www.eea.europa.eu/publications/air-quality-in-europe-2019)

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