



APPRAISAL Final Conference

Brussels, 11 May 2015

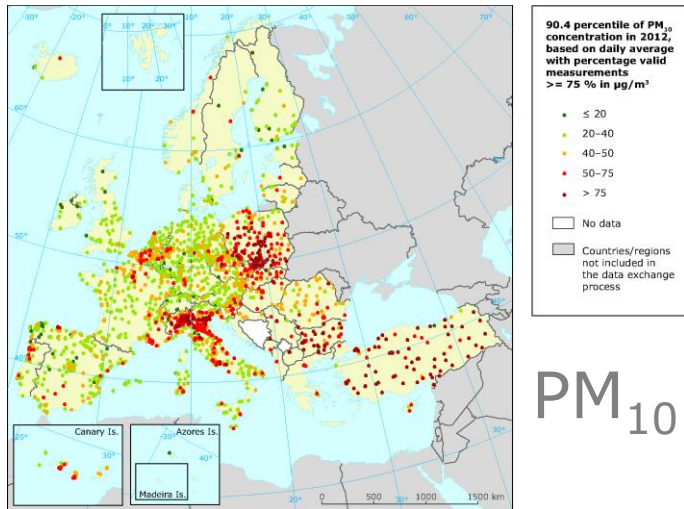
Needs for the AQD implementation up to 2020

**Andre Zuber and Thomas Verheye
Environment Directorate-General
European Commission**

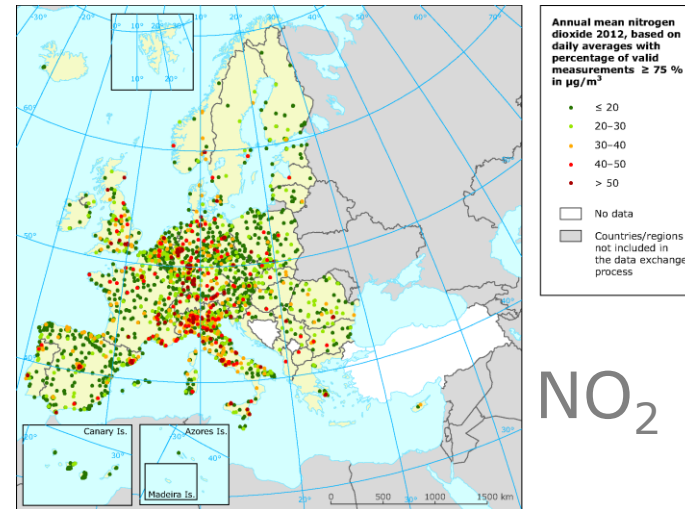


European
Commission

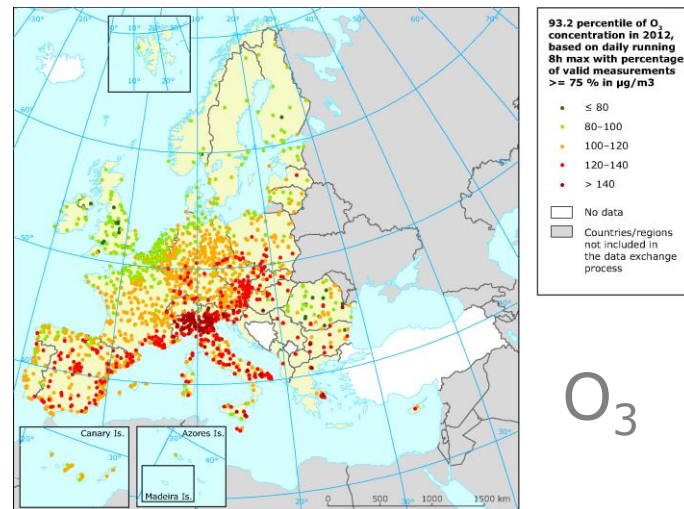
Significant air quality problems remain



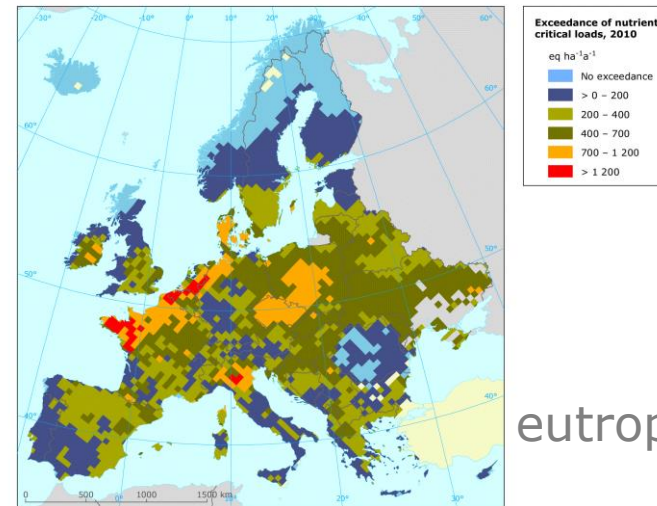
PM₁₀



NO₂



O₃



eutrophication

Table ES.1 Percentage of the urban population in the EU-28 exposed to air pollutant concentrations above EU and WHO reference levels (2010–2012)

| Pollutant | EU reference value | Exposure estimate (%) | WHO AQG | Exposure estimate (%) |
|-------------------|-----------------------------|-----------------------|--------------------------------|-----------------------|
| PM _{2.5} | Year (25) | 10–14 | Year (10) | 91–93 |
| PM ₁₀ | Day (50) | 21–30 | Year (20) | 64–83 |
| O ₃ | 8-hour (120) | 14–17 | 8-hour (100) | 95–98 |
| BaP | Year (1 ng/m ³) | 24–28 | Year (0.12 ng/m ³) | 85–89 |
| NO ₂ | Year (40) | 8–13 | Year (40) | 8–13 |
| SO ₂ | Day (125) | < 1 | Day (20) | 36–43 |
| CO | 8-hour (10) | < 2 | 8-hour (10) | < 2 |
| Pb | Year (0.5) | < 1 | Year (0.5) | < 1 |
| Benzene | Year (5) | < 1 | Year (1.7) | 10–12 |

Colour coding: < 5 % 5–50 % 50–75 % > 75 %

Source: EEA report 5/2014

Needs for the AQD implementation up to 2020

*Abatement action needed **now** on*

- **An effective implementation of current legislation (EURO 6, IED, Eco-design ...)**
- **Adoption of the Clean Air Policy Package (NEC D, MCP, GP)**
- **Ensure coherence with other policy areas (transport, energy and climate) – both at EU level and in MSs**
- **International cooperation**
- **Explore synergies, win-win and no-regret measures**

Needs for the AQD implementation up to 2020

Analysis, cooperation and coordination

- **European Clean Air Forum**
- **Air Quality Country Analyses and Outlooks**
- **Communication of all the experience and tools**
- **Improved tools for IAM and CBA (WHO update of Global guidelines, improved data from MS on AQ/EI)**
- **MS EU cooperation and coordination**