



Clean air for all - Update

FAIRMODE technical meeting
Tallinn, 26-28 June 2018

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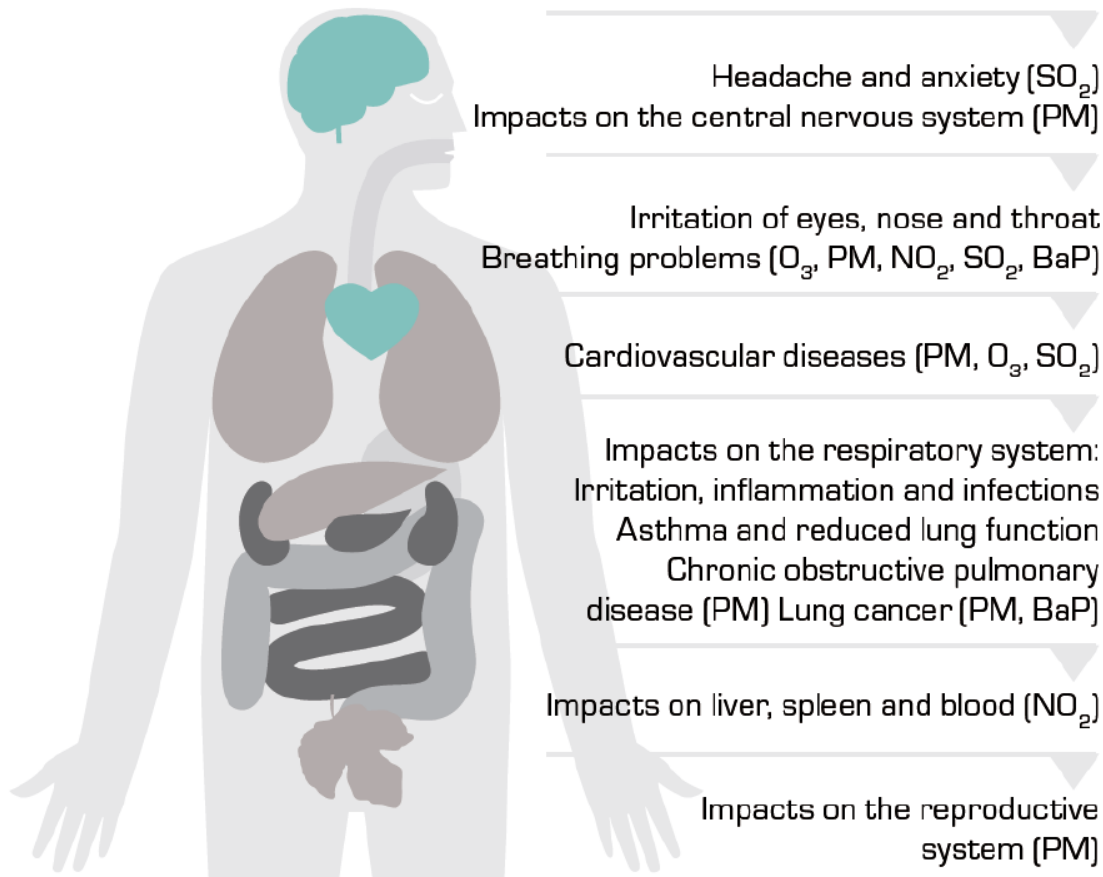
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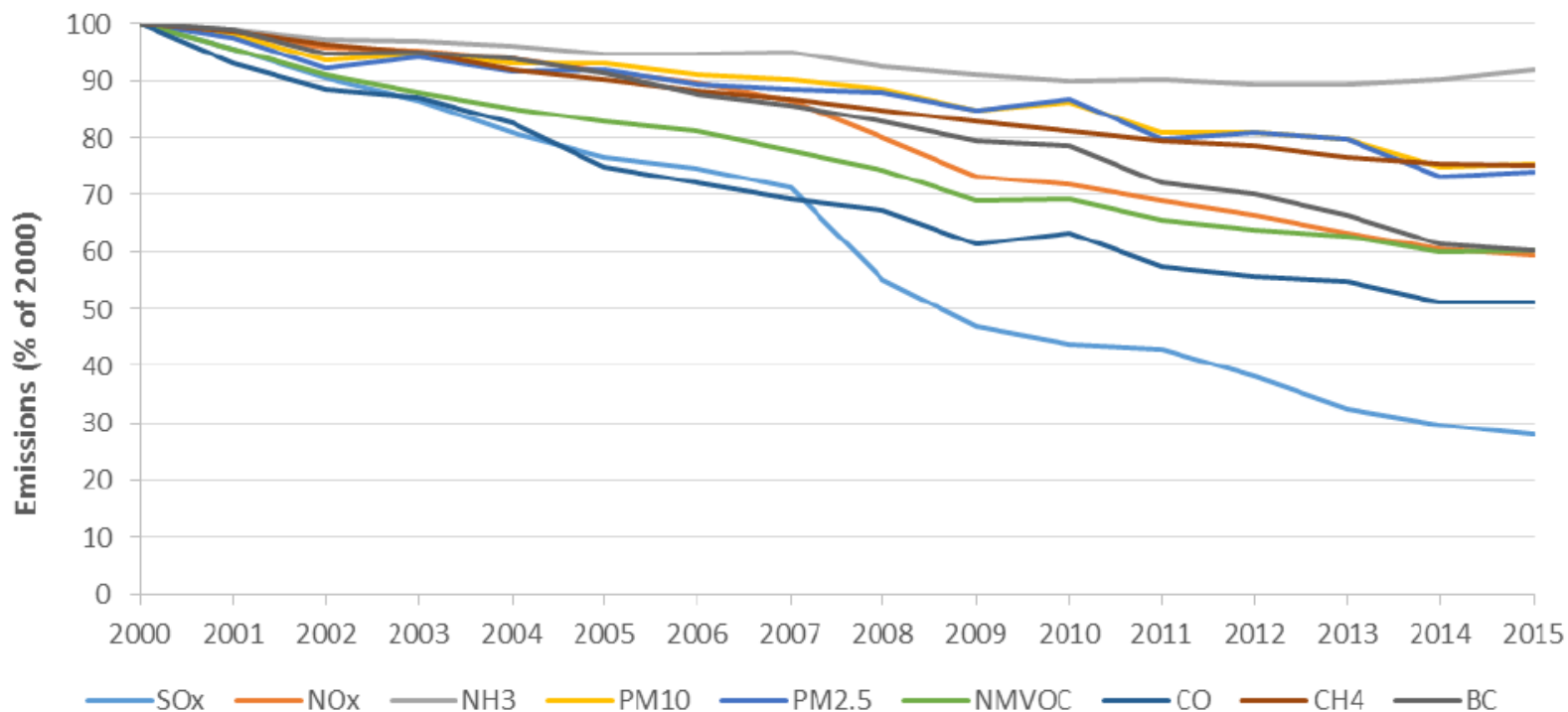


EU air quality context and trends

Health impacts of poor AQ are multiple and severe



Mass emissions of main pollutants have decoupled from GDP growth...

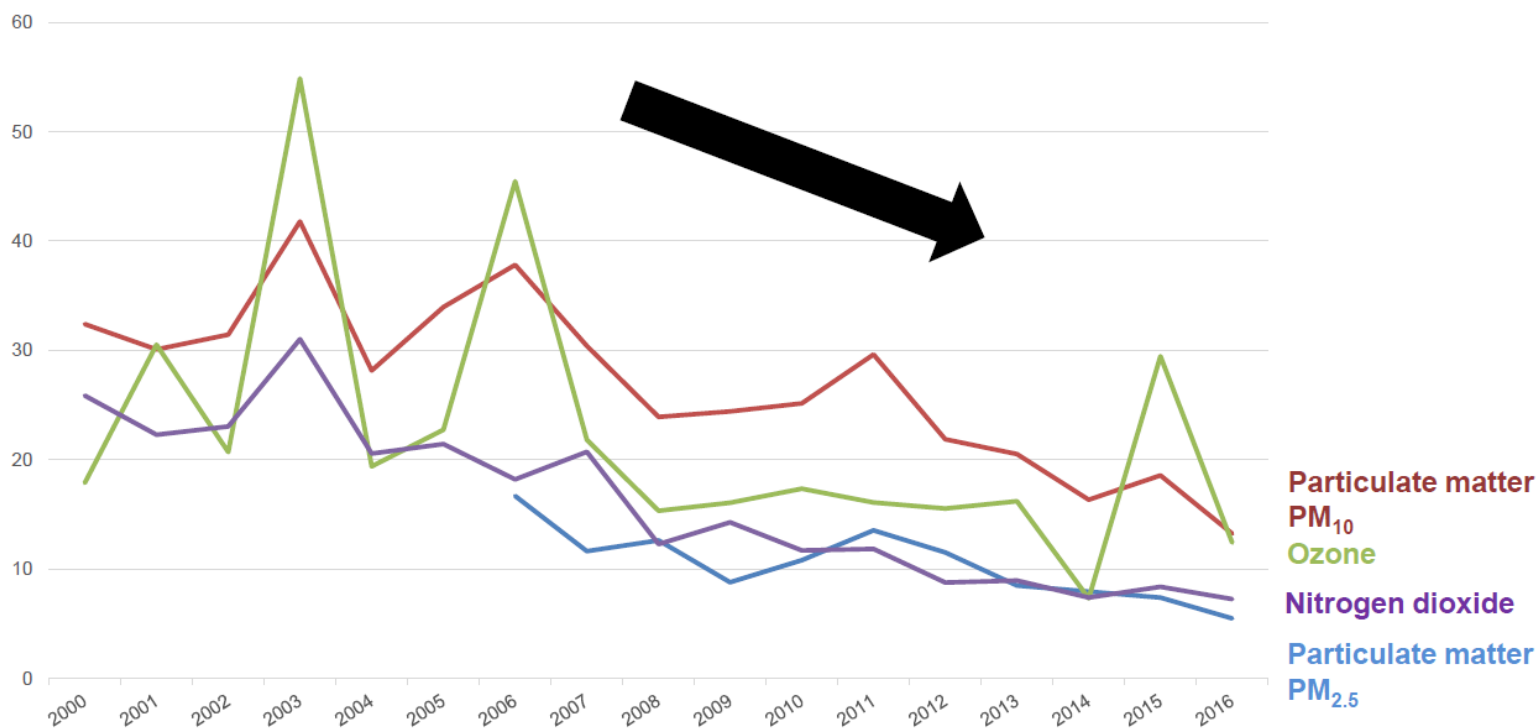


2000-2015: +32% GDP, net decrease or all main pollutants
NECD effective, some concerns about ammonia

...but urban AQ issues persist

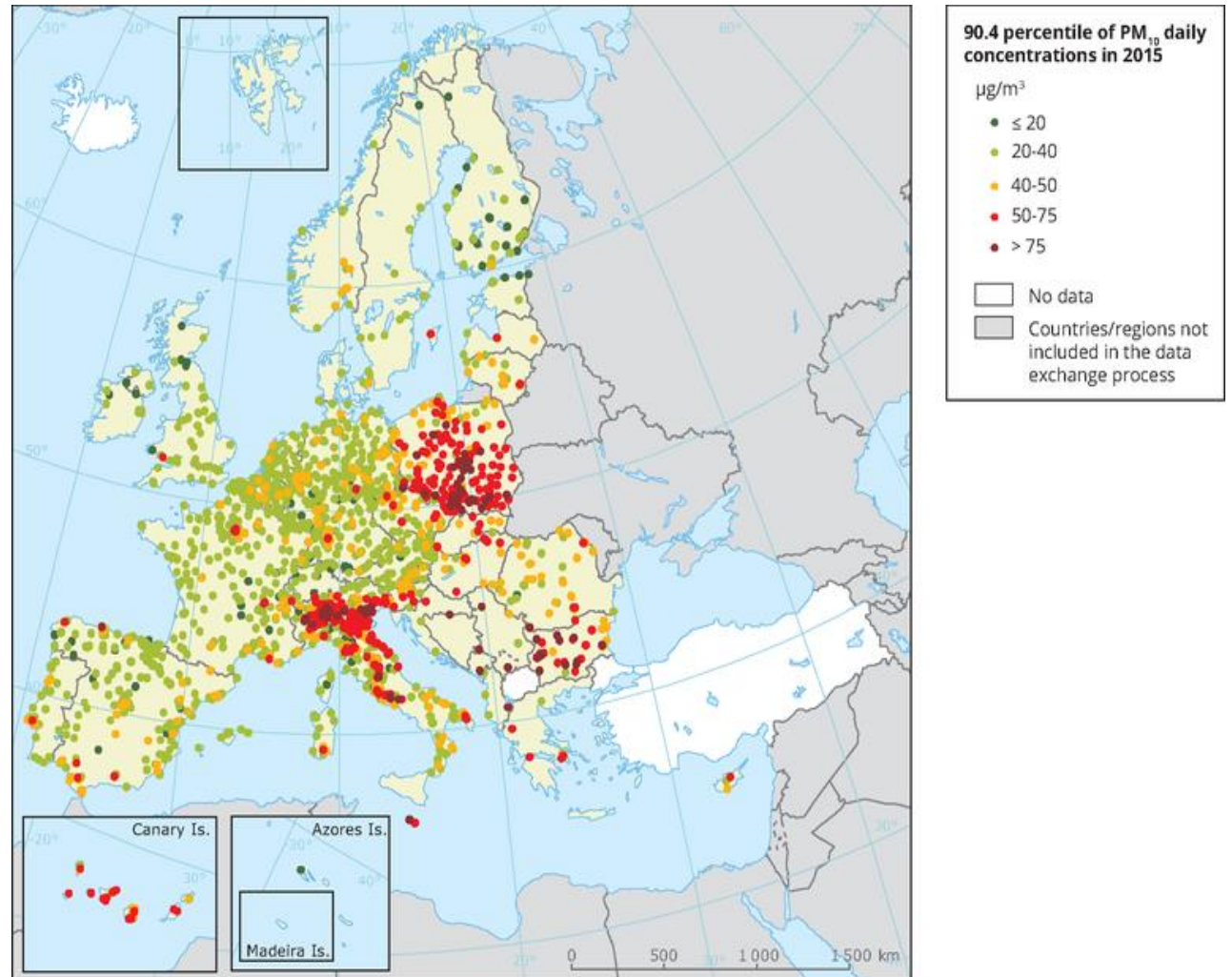
Positive trends for population exposed to selected EU limit and target values

Urban population (%)



PM₁₀ (2015)

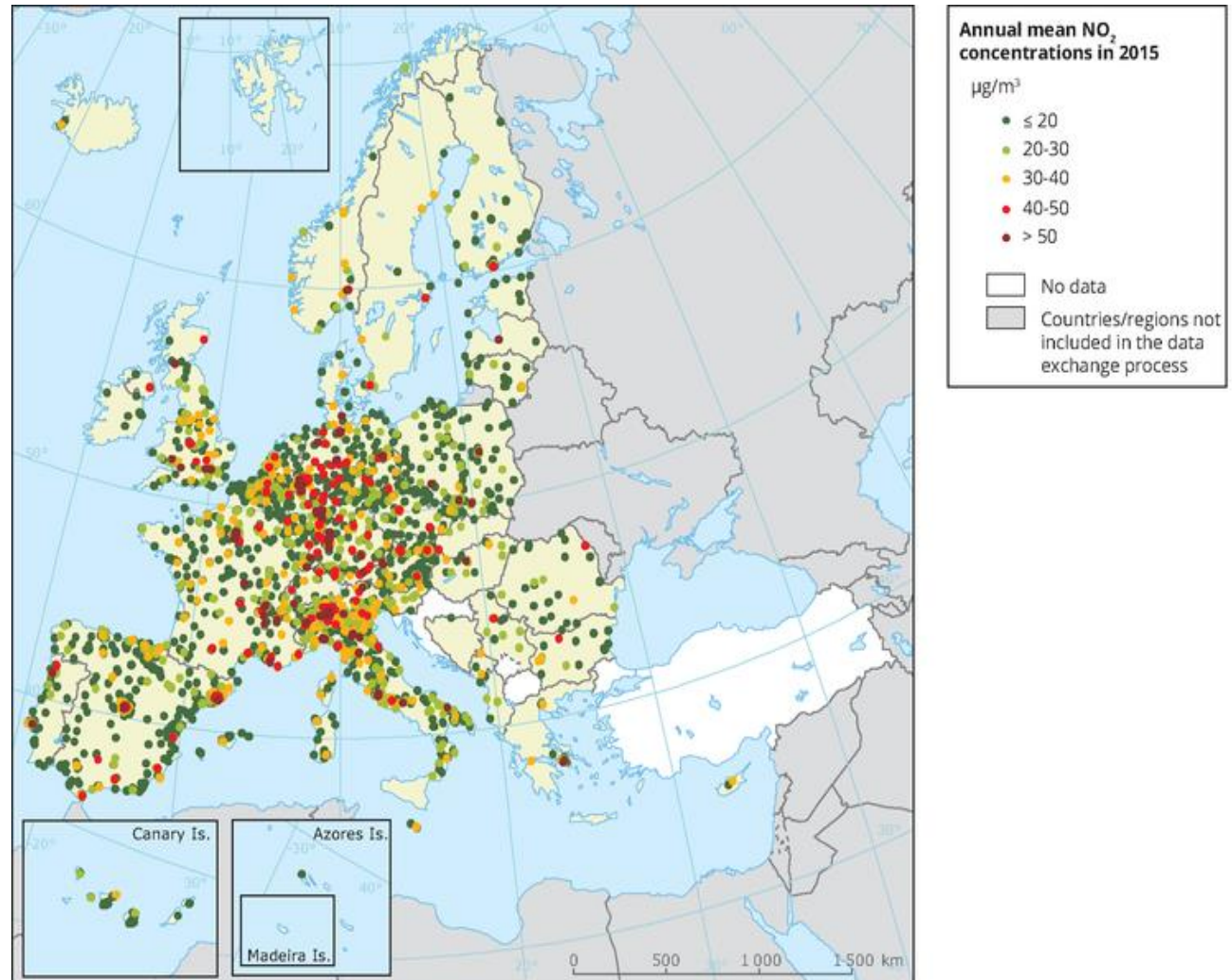
PM₁₀ exceedances are often linked to fuel combustion (i.e. energy, heating, transport)



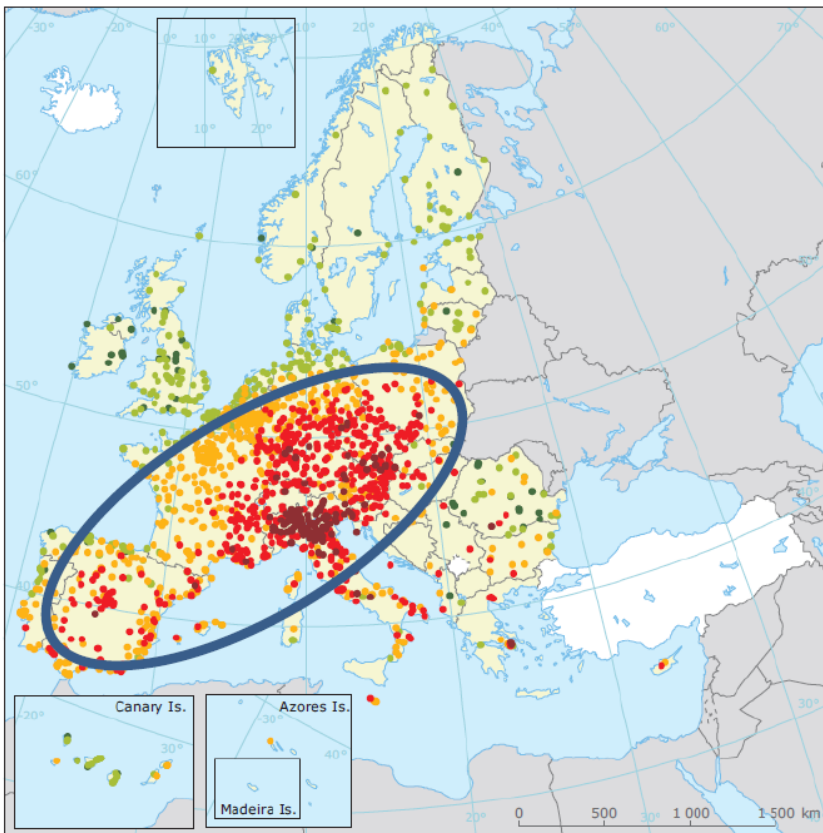
NO₂ (2015)

NO₂ exceedances

Are often linked to traffic, in more than 130 cities in EU.



High ozone concentrations harm health and ecosystems (incl. crops)



- High levels of ground level O₃ occur across southern Europe in the summer
- 2015 was the second warmest year on record in Europe, high concentrations in Central Europe as well



Update: Fitness Check of the Ambient Air Quality Directives [ongoing]

Fitness Check of AAQDs – Focus

This fitness check will look at two complementary EU Ambient Air Quality Directives, i.e. **Directives 2008/50/EC** and **2004/107/EC** – see Roadmap of August 2017.

Important: A fitness check is a **retrospective exercise** – to assess what has happened and looks at what caused any change and how much might reasonably be credited to EU action. This particular fitness check will focus on the period **2008 to 2018**.

Key question of this **evidence-based critical analysis** is whether EU actions are fit for purpose and delivering as expected – to identify learning points to guide future action.

Fitness Check – Five evaluation criteria

Relevance: e.g. to what extent do the Directives (still) set appropriate objectives, and set air quality standards to protect health in accordance with scientific understanding?

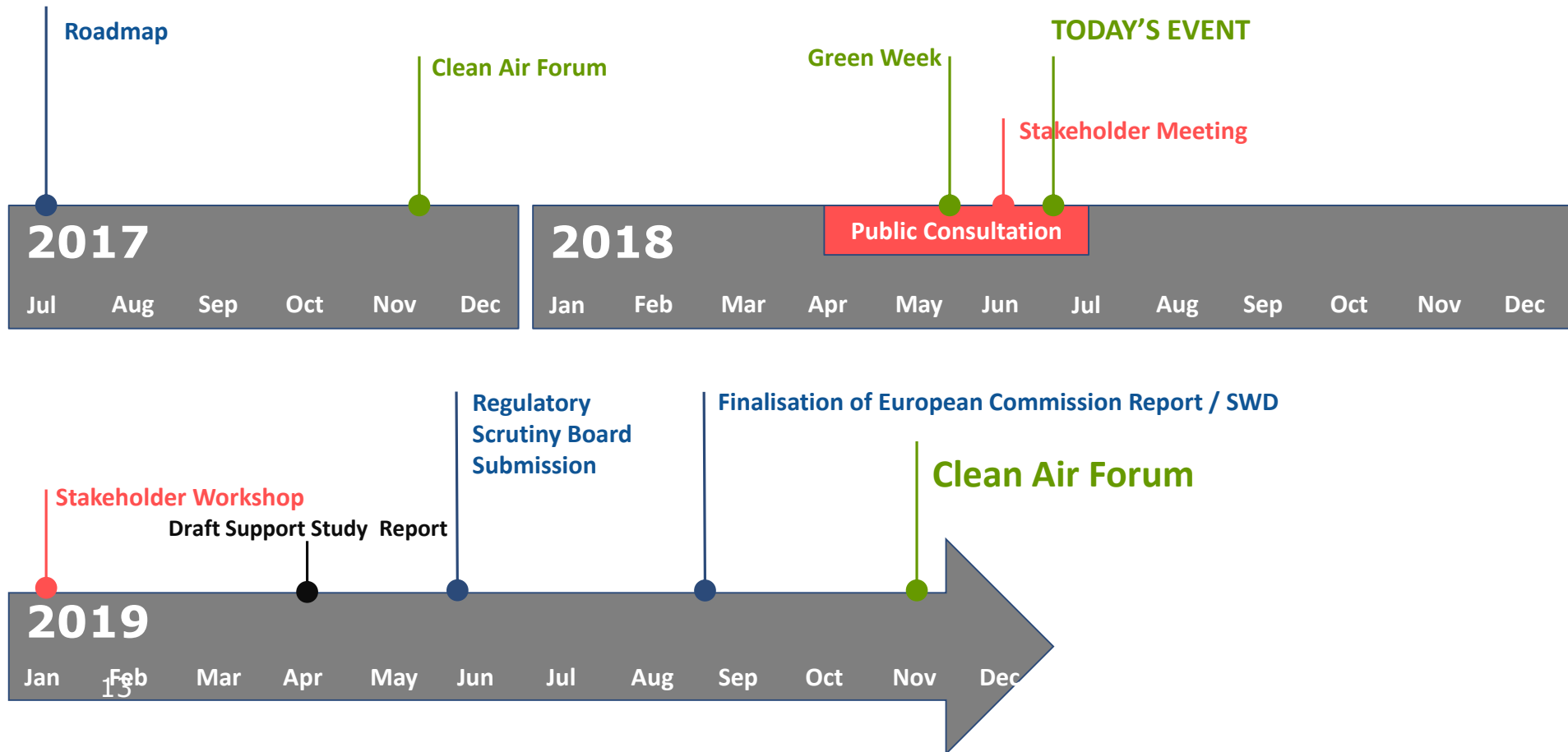
Coherence: e.g. to what extent are the Directives coherent internally, between each other, as well as with the overarching EU air quality policy approach?

Effectiveness: e.g. to what degree have the Directives acted as an incentive to implement effective and cost-effective measures to improve air quality?

Efficiency: e.g. to what degree do the benefits of improved air quality justify the costs, and have been significant differences in costs (or benefits) between actors?

EU value added: e.g. to which degree have common EU air quality standards and comparable monitoring, reporting and assessment regimes enabled better action?

Fitness Check – Our timeline



Fitness Check of AAQDs – evaluation questions

1/2

1. How relevant are the AAQDs for the needs of citizens?
2. How far are the AAQDs aligned with key EU priorities?
3. What factors have contributed to meeting the objectives of the AAQDs?
4. What are the costs and benefits associated with implementation?
5. Are there significant cost differences across MS or sectors?

Fitness Check of AAQDs – evaluation questions

2/2

7. How efficient are monitoring, reporting and assessment regimes?
8. Has the implementation of the AAQDs supported the competitiveness of the EU?
9. To what extent do the AAQDs interact with other policies affecting AQ?
10. To what extent have the AAQDs allowed AQ to improve beyond what would have been possible w/o EU action?
11. What has been the EU added value of the AAQDs?

Consultation open until 31st of July!

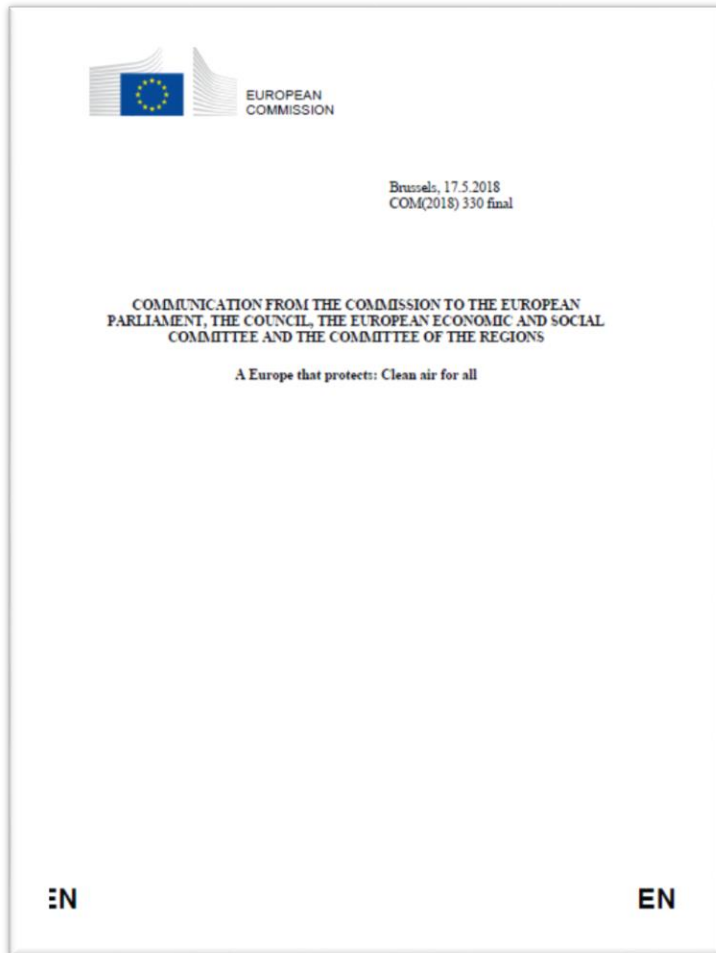
https://ec.europa.eu/info/consultations/public-consultation-support-fitness-check-eu-ambient-air-quality-directives_en





Clean Air for All communication and Clean Air Outlook

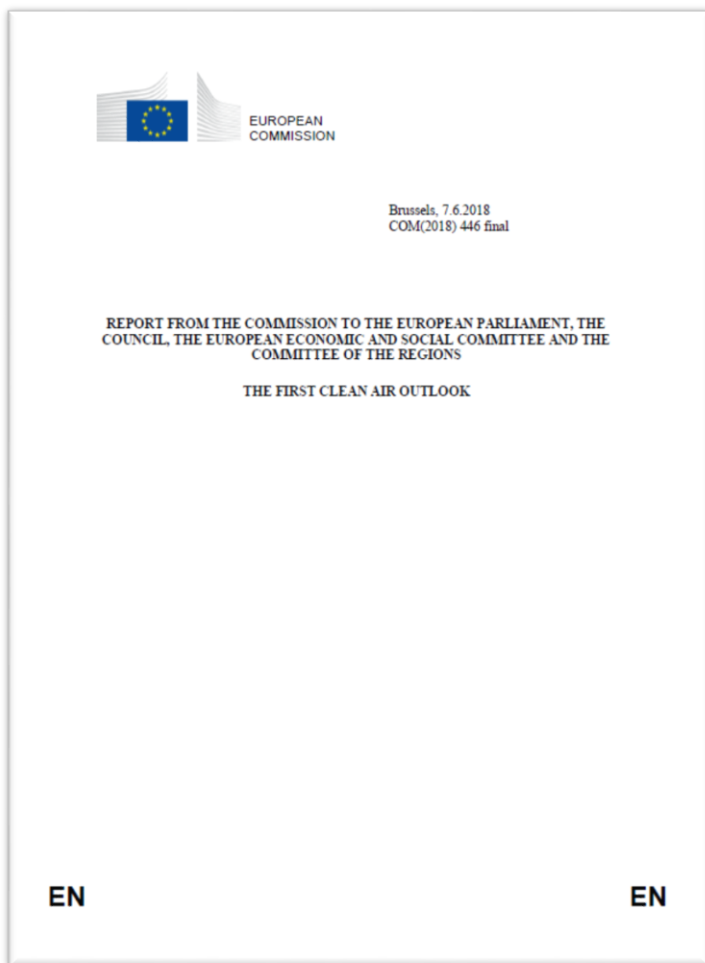
A Europe that protects: Clean Air for All communication published May 2018



http://ec.europa.eu/environment/air/pdf/clean_air_for_all.pdf

- **Explanation** of EU AQ policy
- **Examples of measures** to reduce emissions from different sectors
- **Governance:** working together to deliver clean air for all Europeans
 - Clean Air Dialogues with MS
 - Enforcement action

First Clean Air Outlook published June 2018

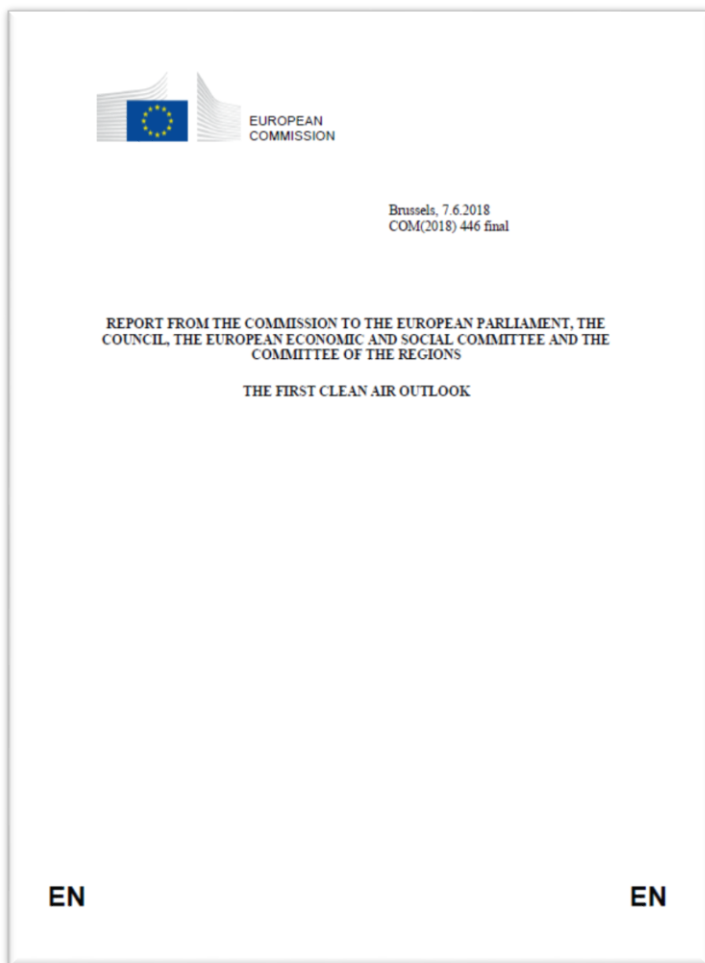


http://ec.europa.eu/environment/air/clean_air/outlook.htm

Now including:

- the impacts of the **Climate and Energy Policy** as finally proposed by the Commission
- the impacts of Eco-design provisions for stoves and boilers, the Medium Combustion Plants Directive, **Euro 6 RDE**, the Non-Road Mobile Machinery Directive and new BAT conclusions under the Industrial Emissions Directive

First Clean Air Outlook published June 2018



http://ec.europa.eu/environment/air/clean_air/outlook.htm

- **EU on track to meet reduction of health impacts from air pollution** by half by 2030
- Urgent short-term action needed to achieve **compliance with AAQDs**
- Successful NECD implementation track **except NH₃ from agriculture**
- **Methane emissions to be kept under review** due to O₃ impacts
- Next outlook to be published in 2020



Thank you!

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