



Air Quality

- revision of EU Rules -

Status: October 2021

*European Commission
Clean Air Unit*

“The Commission will draw on the lessons learnt from the evaluation of the current air quality legislation.

It will also propose to strengthen provisions on monitoring, modelling and air quality plans to help local authorities achieve cleaner air.

The Commission will notably propose to revise air quality standards to align them more closely with the World Health Organization recommendations.”

Communication on the European Green Deal (COM/2019/640 final)

#EUGreenDeal

Different levels of ambition (example: for PM_{2.5})

AMBITION LEVEL



-

EU standards today / baseline



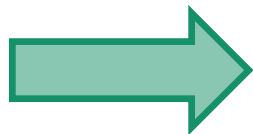
Low ambition



Mid ambition



High ambition

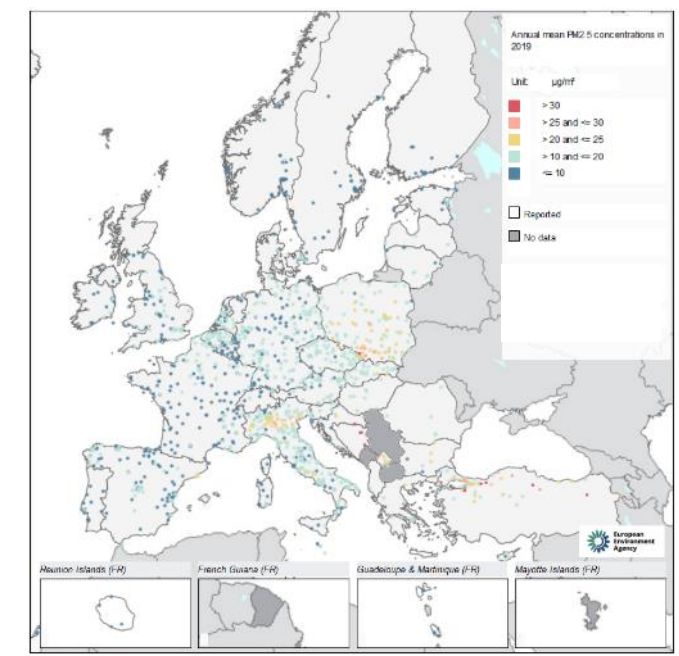
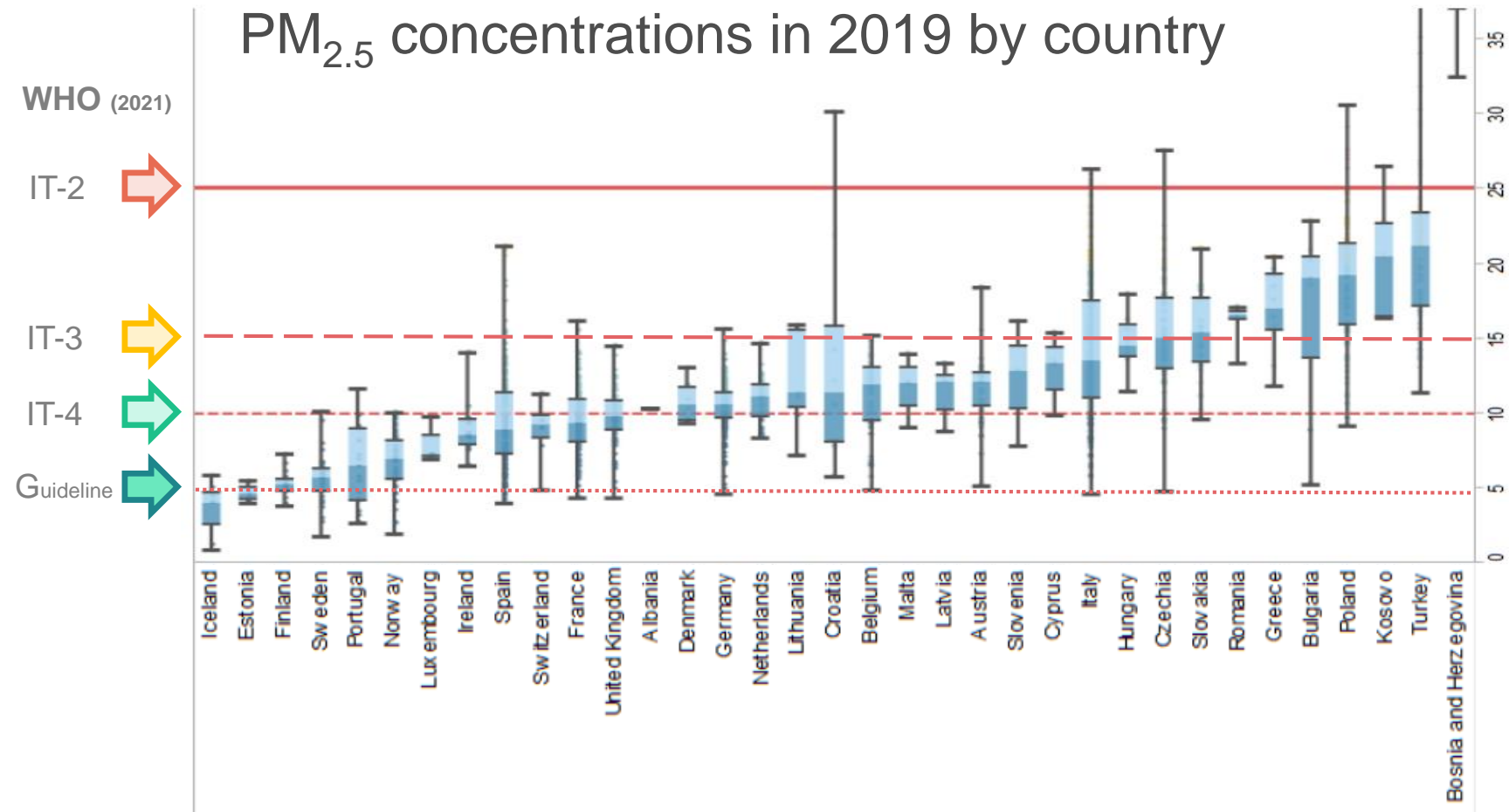


WHO – Air Quality guidelines and interim targets for PM (annual mean)

Annual mean level	PM _{2.5} (µg/m ³)	Mortality
Interim target 1	35	+ 24 % above guideline level
Interim target 2	25	+ 16 % above guideline level
Interim target 3	15	+ 8 % above guideline level
Interim target 4	10	+ 4 % above guideline level
AQ guideline level	5	mortality at guideline level

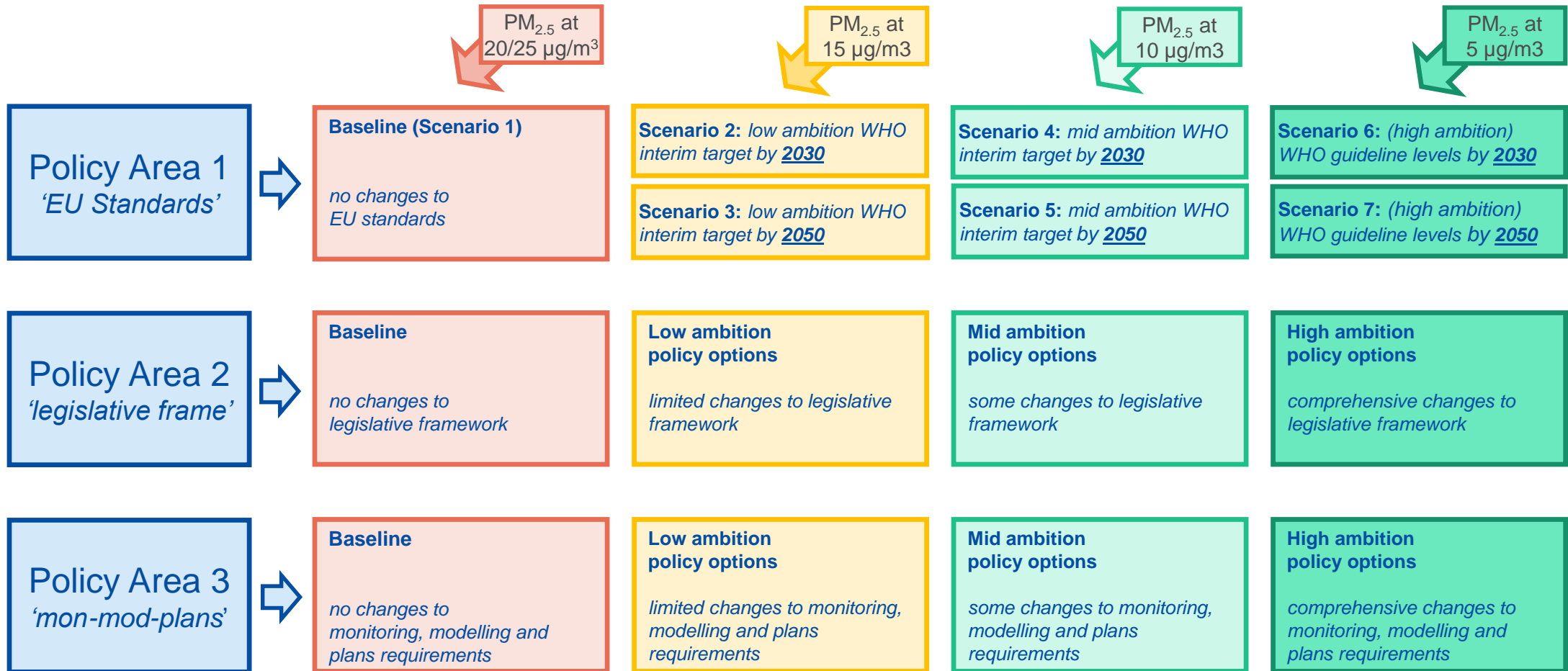


Ambition level versus air quality today



Source(s): EEA Europe's air quality status 2021

Assessment of policy options per policy area



→ based on assessment of consequences, combine different policy options to **policy packages**

Policy area 1 – air pollutants to consider

Particulate Matter (PM2.5)	Particulate Matter (PM10)	Sulphur Dioxide (SO2)	Nitrogen Dioxide (NO2) (and Nitrogen Oxides, NOx)	Carbon Monoxide (CO)	Ozone (O3)	Ultrafine particles
Based on WHO 2021, and others	Based on WHO 2021, and others	Based on WHO 2021, and others	Based on WHO 2021, and others	Based on WHO 2021, and others	Based on WHO 2021, and others	Based on good practice statements by WHO 2021
Arsenic	Cadmium	Nickel	Lead	Benzo(a)Pyrene	Benzene	Black carbon
Based on WHO 2000, and others	Based on WHO 2000, and others	Based on WHO 2000, and others	Based on WHO 2000, and others	Based on WHO 2000, and others (including WHO 2016)	Based on WHO 2000, and others	Based on good practice statements by WHO 2021

Clean Air Milestones 2020 to 2023 (indicative)



Contact us:

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Have your say:

<https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12677-Revision-of-EU-Ambient-Air-Quality-legislation>

Thank you

