

IMPORTANCE OF ZONING IN AIR QUALITY PLANNING

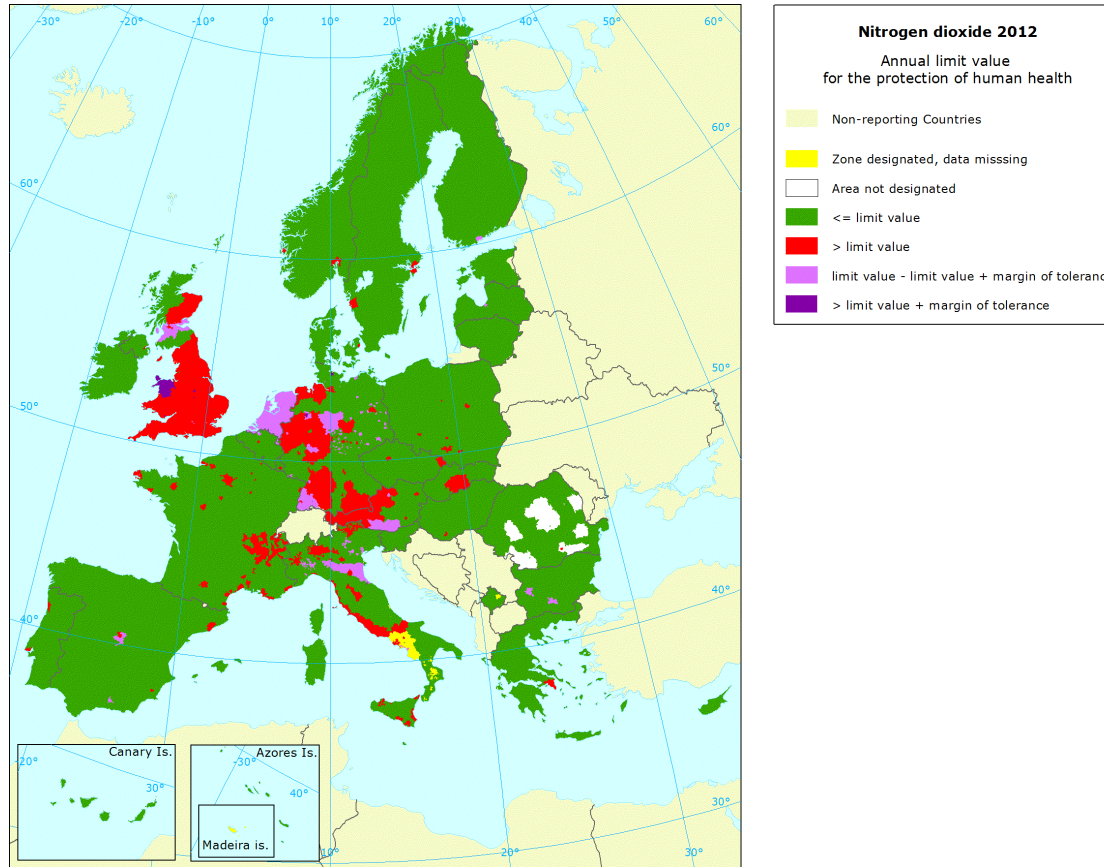
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ZONES and AGGLOMERATIONS

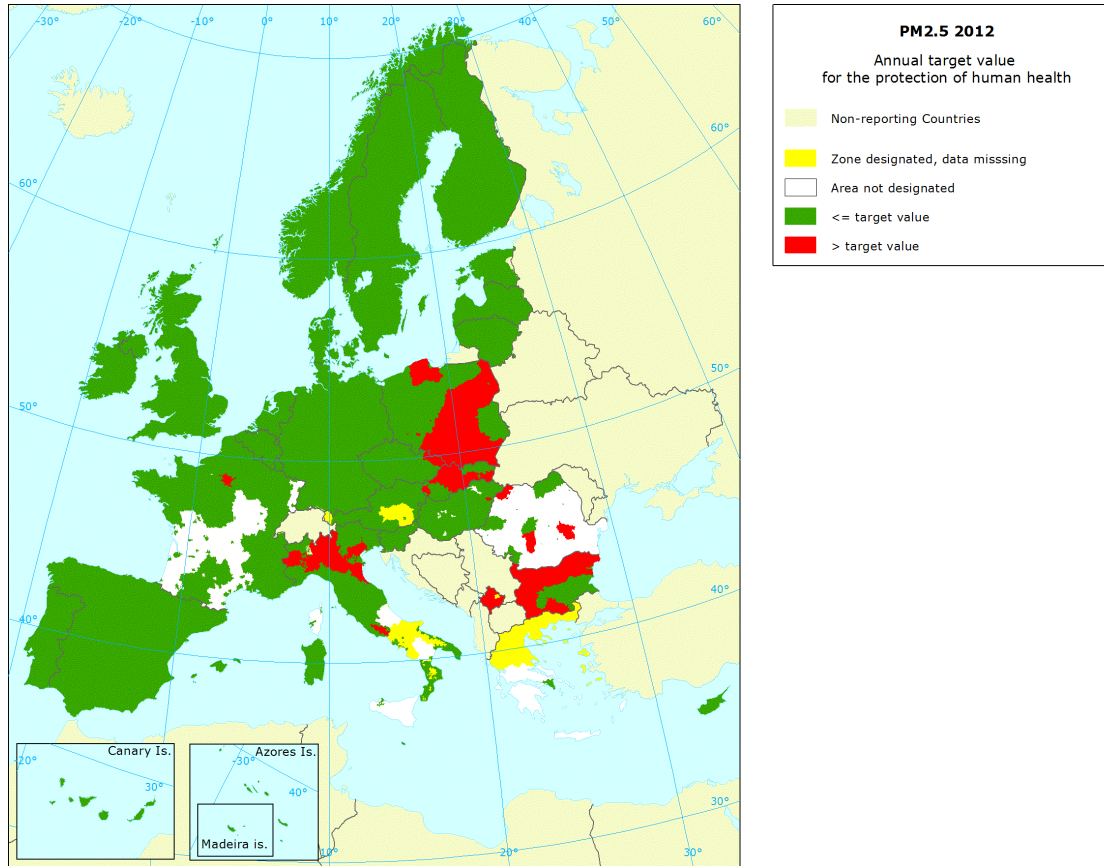
- ☀ AQD definitions
- ☀ 'zone' shall mean part of the territory of a Member State, as delimited by that Member State for the purposes of air quality assessment and management;
- ☀ 'agglomeration' shall mean a zone that is a conurbation with a population in excess of 250 000 inhabitants or, where the population is 250 000 inhabitants or less, with a given population density per km² to be established by the Member States
- ☀ State-level decision, local implementation

NON-COMPLIANT ZONES – NO2



Source: EEA

NON-COMPLIANT ZONES – PM2.5



Source: EEA

AIR QUALITY ASSESSMENT

- AQD, Recital 18:

Air quality plans should be developed for zones and agglomerations within which concentrations of pollutants in ambient air exceed the relevant air quality target values or limit values, plus any temporary margins of tolerance, where applicable.

- Ambient air quality shall be assessed in all zones and agglomerations

- Macro and microscale criteria for AQ assessment points → **Annex III AQD**

- *avoid measuring very small micro-environments in their immediate vicinity (100 m length at traffic-orientated sites, at least 250 m × 250 m at industrial sites, where feasible)*

- *industrial sources → at least one sampling point shall be installed downwind of the source in the nearest residential area*

- flow around the inlet sampling probe shall be unrestricted

- inlet sampling point shall be between 1,5 m (the breathing zone) and 4 m above the ground

- interfering sources, security, access, availability, visibility, public safety etc. to be taken into account



THANK YOU FOR YOUR ATTENTION

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