

European Green Deal: the Clean Air Challenge

**PETROS
KOKKALIS**

#CleanAirEU

Member of the
European Parliament



4th Mediterranean Shipping Conference

On the way to a Mediterranean Emission Control Area



DID YOU KNOW?



Air pollution costs **€4 billion**
in healthcare
and **€16 billion** in
lost workdays



400 000 premature
deaths in the EU every
year are linked to air pollution



Air pollution costs **€3 billion**
in lost crops and
€1 billion in building
damage

FRANS TIMMERMANS

First Vice President of the European Commission



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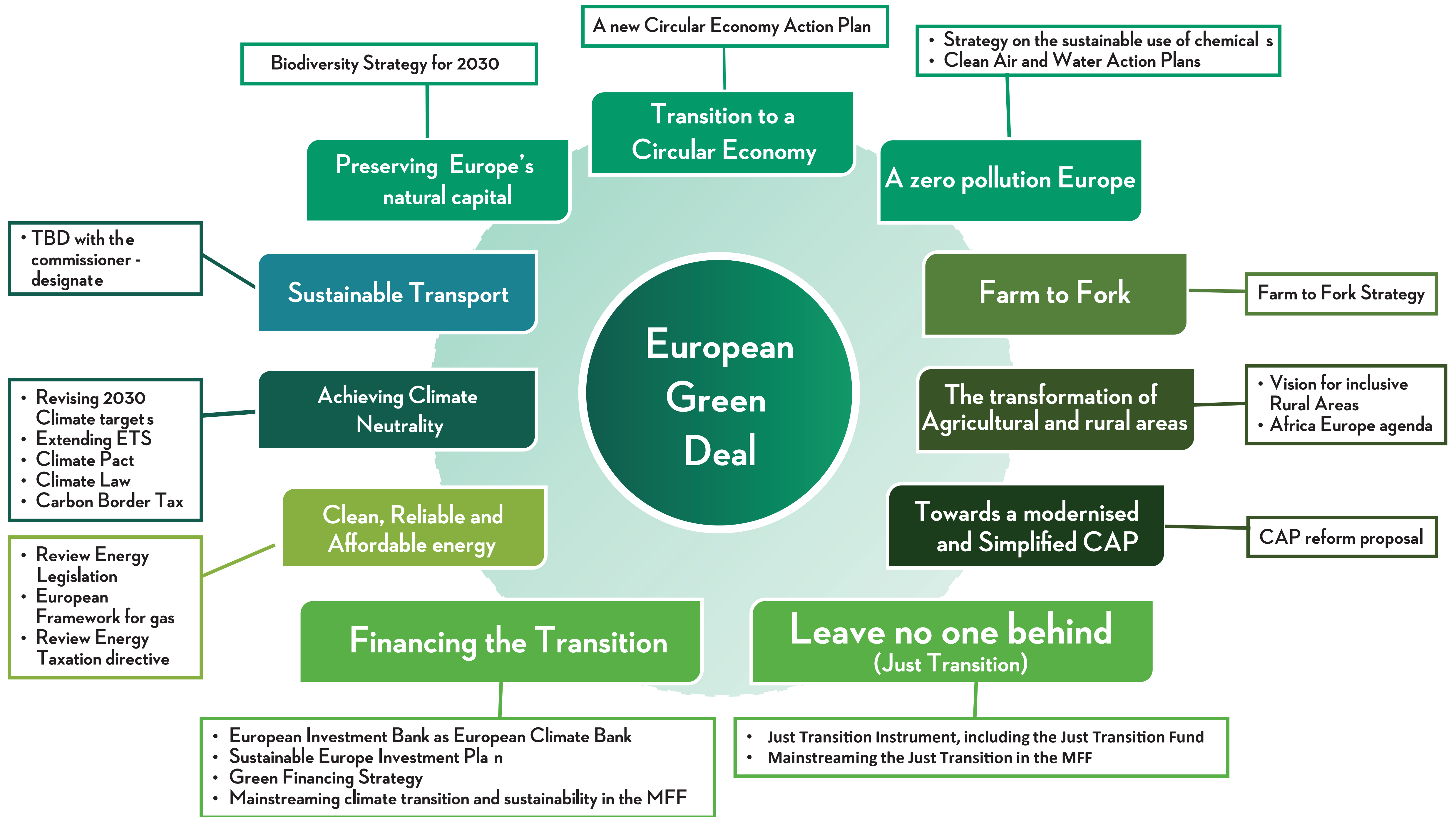
Air pollution is still one of the biggest killers in Europe. Do you know that more than 400000 premature deaths a year are a consequence of bad air quality. How can we accept this?

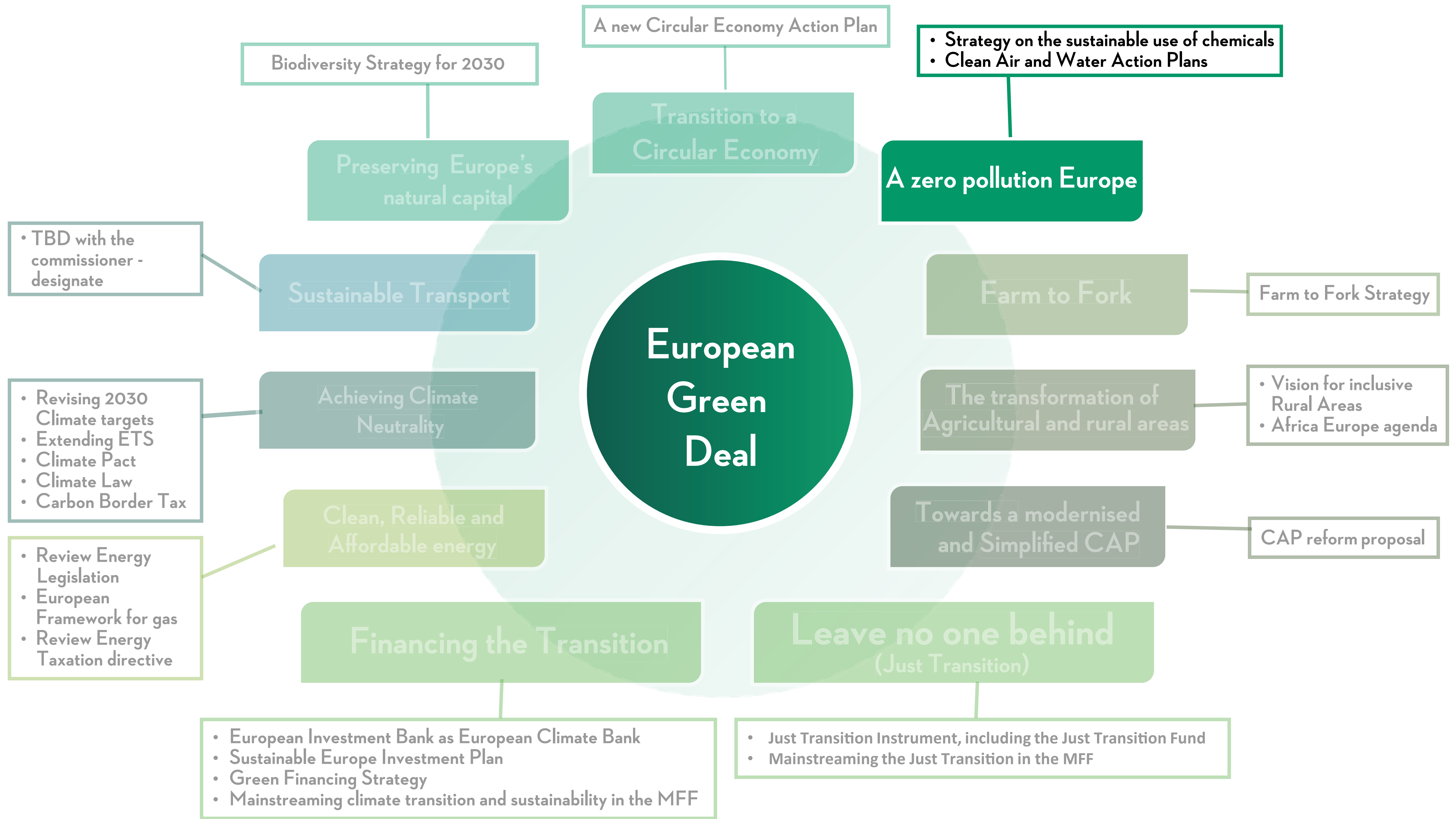
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Clean air in our cities and clean water in our rivers and oceans – that is what we need so that we can lead healthier lives on a planet that can sustain all of humanity.

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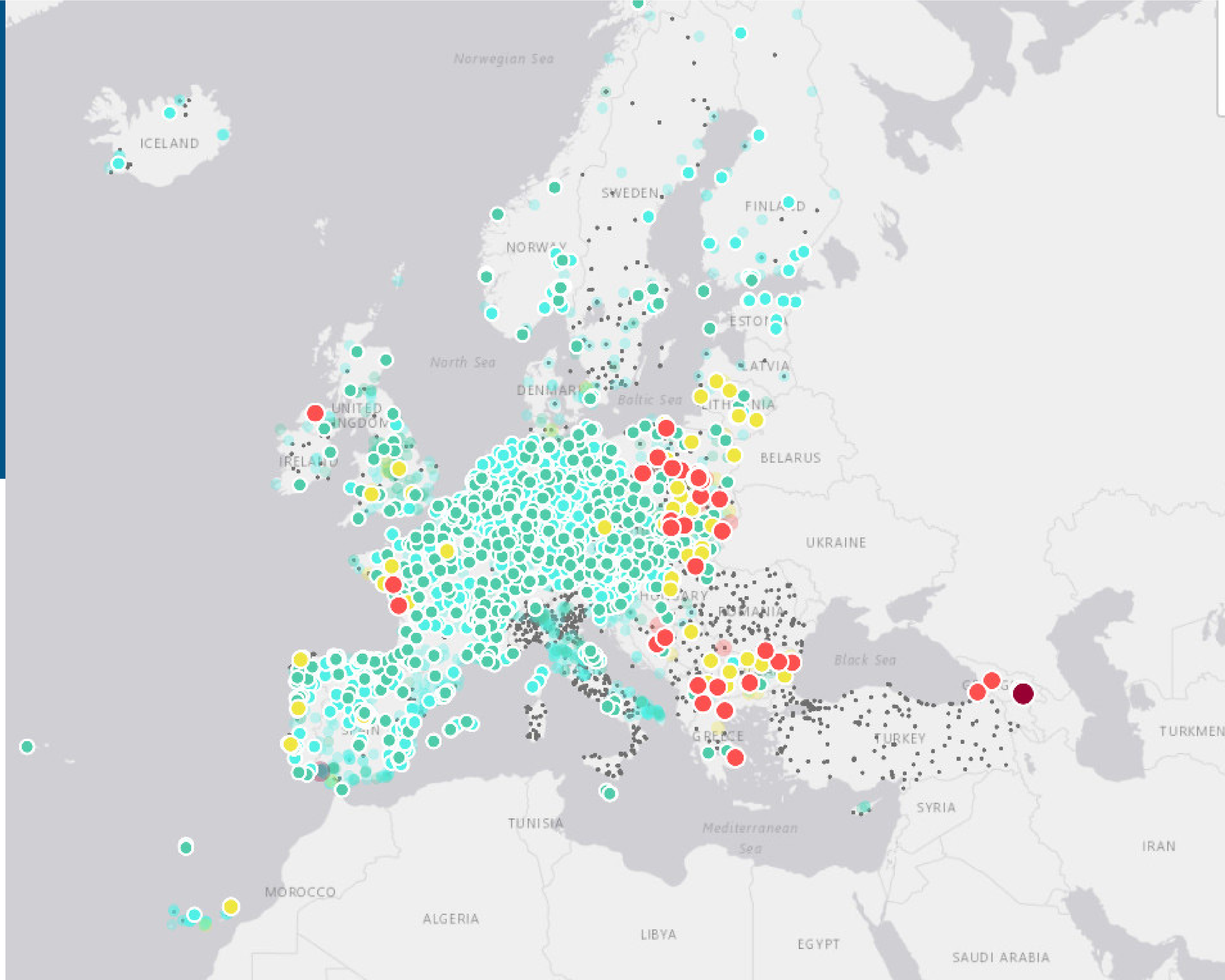




AIR QUALITY IN THE EU

Air quality

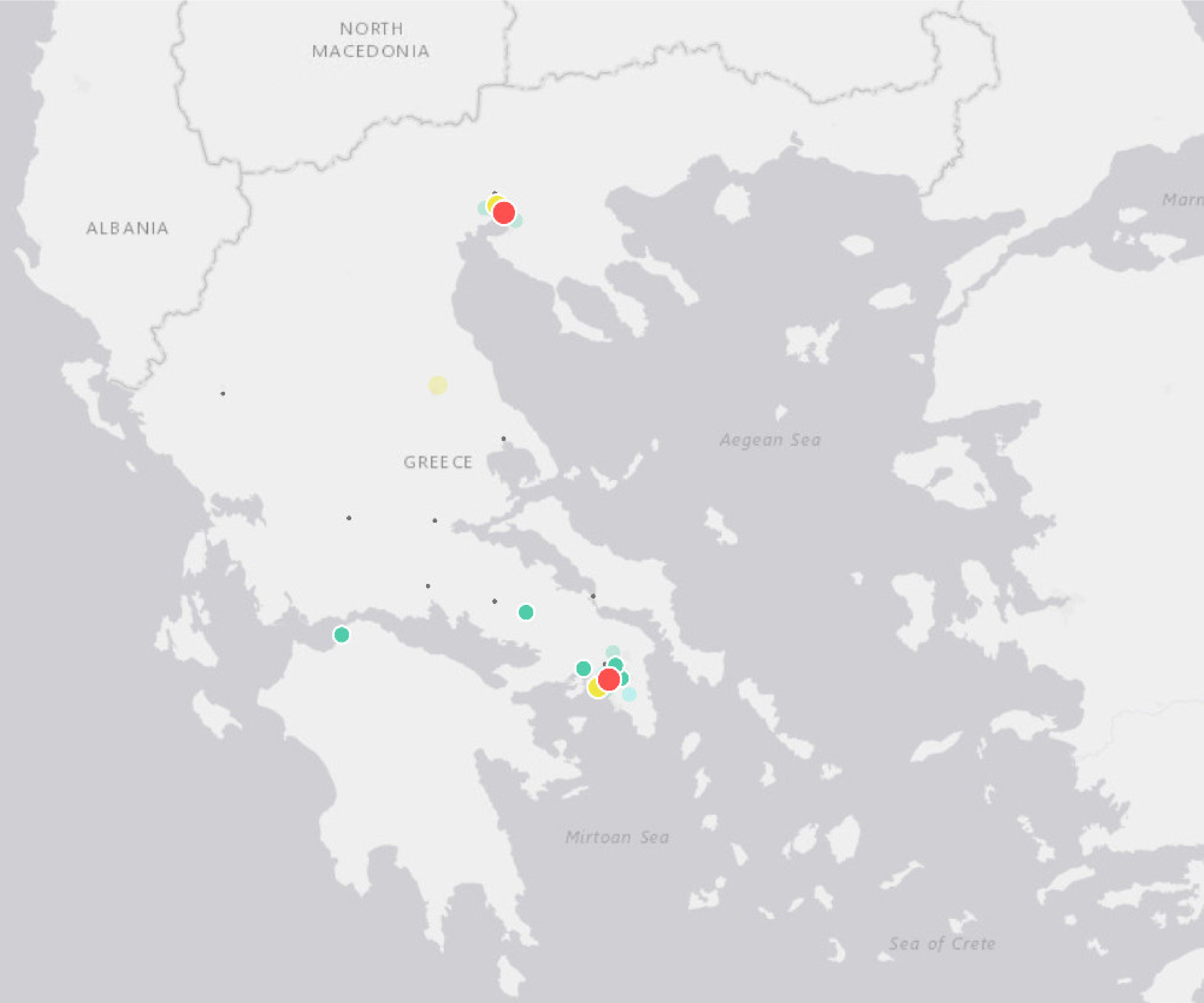
- Good
- Fair
- Moderate
- Poor
- Very Poor
- No Data



AIR QUALITY IN GREECE

Air quality

- Good
- Fair
- Moderate
- Poor
- Very Poor
- No Data



Air pollution in Greece

Air pollution country profile: Greece



Air quality

The table below shows the percentage of urban population exposed to concentrations above EU standards for selected air pollutants such as PM₁₀, PM_{2.5}, O₃, NO₂ and BaP for the years 2012-2017.

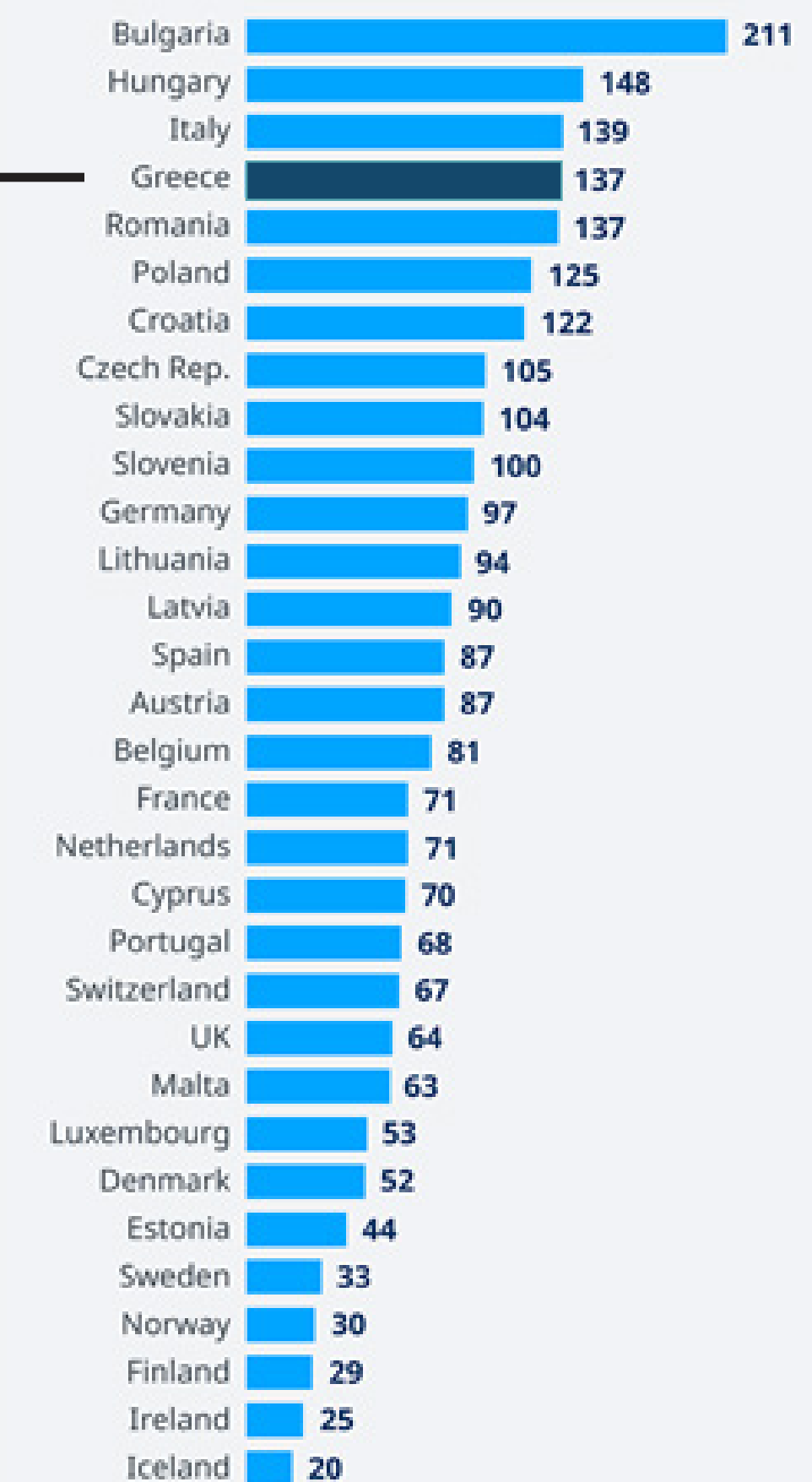
		2013	2014	2015	2016	2017
PM2.5	annual mean	0,0		0,0	0,0	0,0
NO2	annual mean	2,4	2,4	3,0	2,4	2,7
PM10	percentile 90.41	52,0	2,3	4,2	28,6	26,8
O3	percentile 93.15	96,8	47,9	96,9	72,5	96,8
BaP	annual mean					0,0

Air emissions

The table below shows a summary of the progress made by EU Member States in meeting the current emission ceilings of the National Emission Ceilings (NEC) Directive, and for other EEA member countries the emission ceilings of the LRTAP Convention's Gothenburg Protocol (where relevant).

The human cost of air pollution

Premature deaths due to air pollution* in 2015 per 100,000 people



Source: European Environment Agency, 2018
*Particulate matter (PM_{2.5} and PM₁₀), nitrogen dioxide, ozone

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DIGITAL STRATEGY MUNICIPALITY OF PIRAEUS



Ψηφιακή Στρατηγική
Δήμου Πειραιά

2018 - 2024

**1mil.
euro**

smart sensors

Smart detection devices interconnected via high-speed communication networks and open data platforms.

The devices will collect critical data such as energy consumption, traffic, air quality etc. and provide open access to different stakeholders

REQUEST FOR RESEARCH
EPRS
European Parliamentary
Research Service



- In-house research department and think tank of the European Parliament.
- Provide Members of the European Parliament with independent analysis and research on policy issues in order to assist them in their parliamentary work.

“Specifications for setting up an automated network for monitoring air quality and providing online access to data related to air pollution, sound pollution and meteorological conditions in Greece, and specifically in the most affected cities such as **Piraeus**, Thessaloniki, Volos.”



THANK
YOU

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