

Update of EEA and EIONET activities

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State of the Environment 2020 Report



Mandate for SOER in the EEA Regulation

'The task of the Agency shall be [...] to publish a report on the state of, trends in, and prospects for the environment every five years supplemented by indicator reports focusing upon specific issues.'

Article 2(h)

Key messages from SOER 2015



- Policies have delivered substantial benefits for the environment, economy and people's well-being, yet major challenges remain.
- Europe faces persistent and emerging challenges linked to production and consumption systems, and the rapidly changing global context.
- Achieving the 2050 vision requires system transitions, driven by more ambitious actions on policy, knowledge, investments and innovation.
- Doing so presents major opportunities to boost Europe's economy and employment and put Europe at the frontier of science and innovation.

Long term objectives...



Living well, within
the limits of our planet

7th Environment Action Programme
(2013)



Natural capital

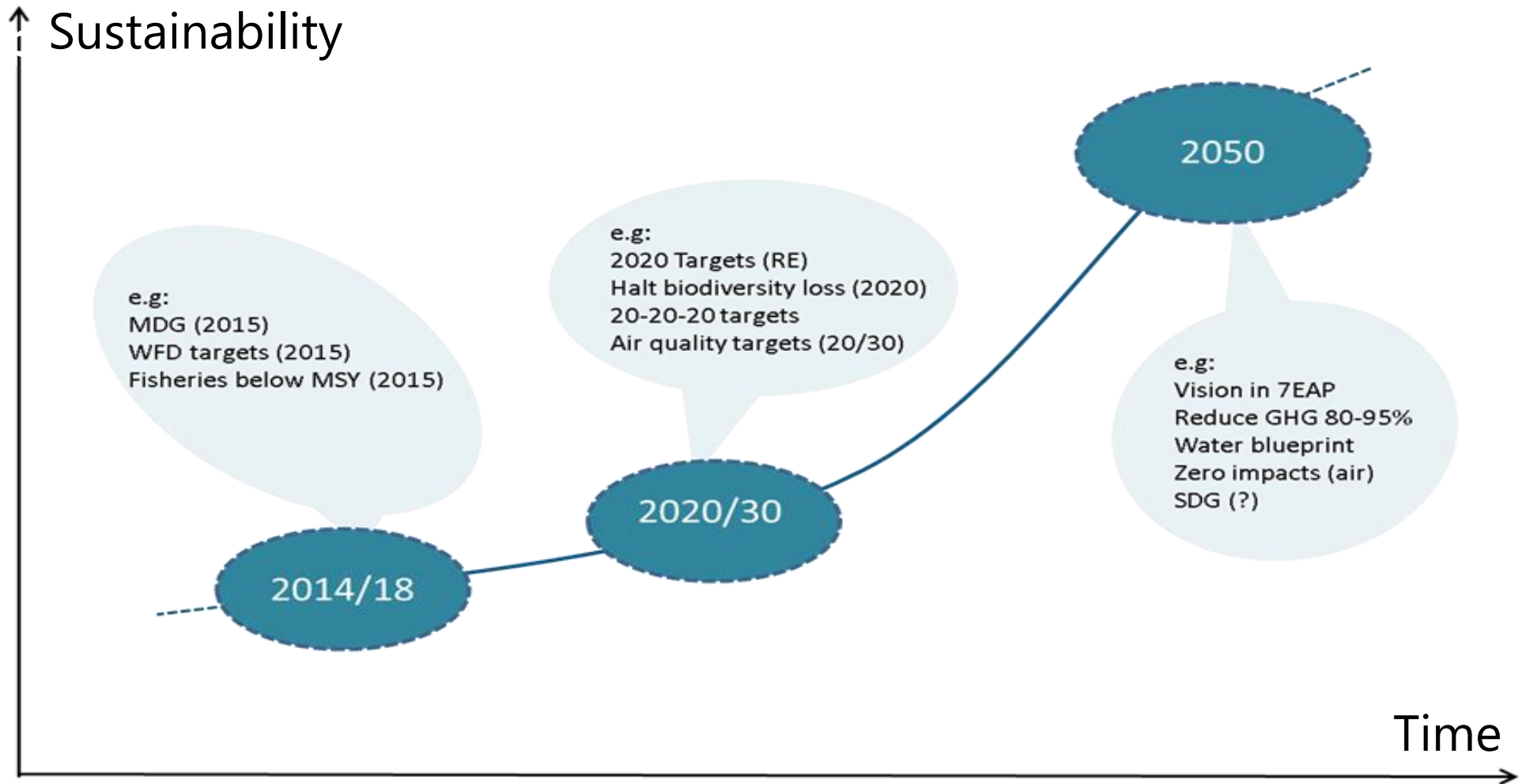


Resource
efficiency, low-
carbon economy



Health & wellbeing

... are increasingly embedded in EU policies

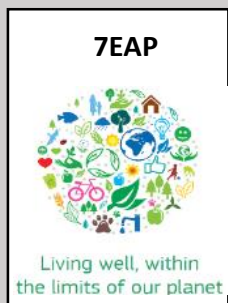


Source: EEA Multi-Annual Work Programme 2014 to 2018

Approach SOER2020 – environmental themes (1)

Integrated thematic assessments

- Biodiversity and nature
- Freshwater
- Land and soil
- Marine
- Climate change
- **Air pollution**
- Noise
- Waste and resources
- Chemicals pollution
- Industrial pollution

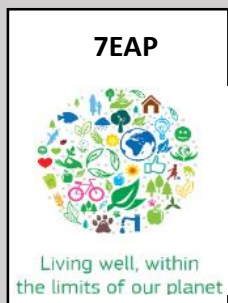


Approach SOER2020 – sectors, cross-cutting (2)

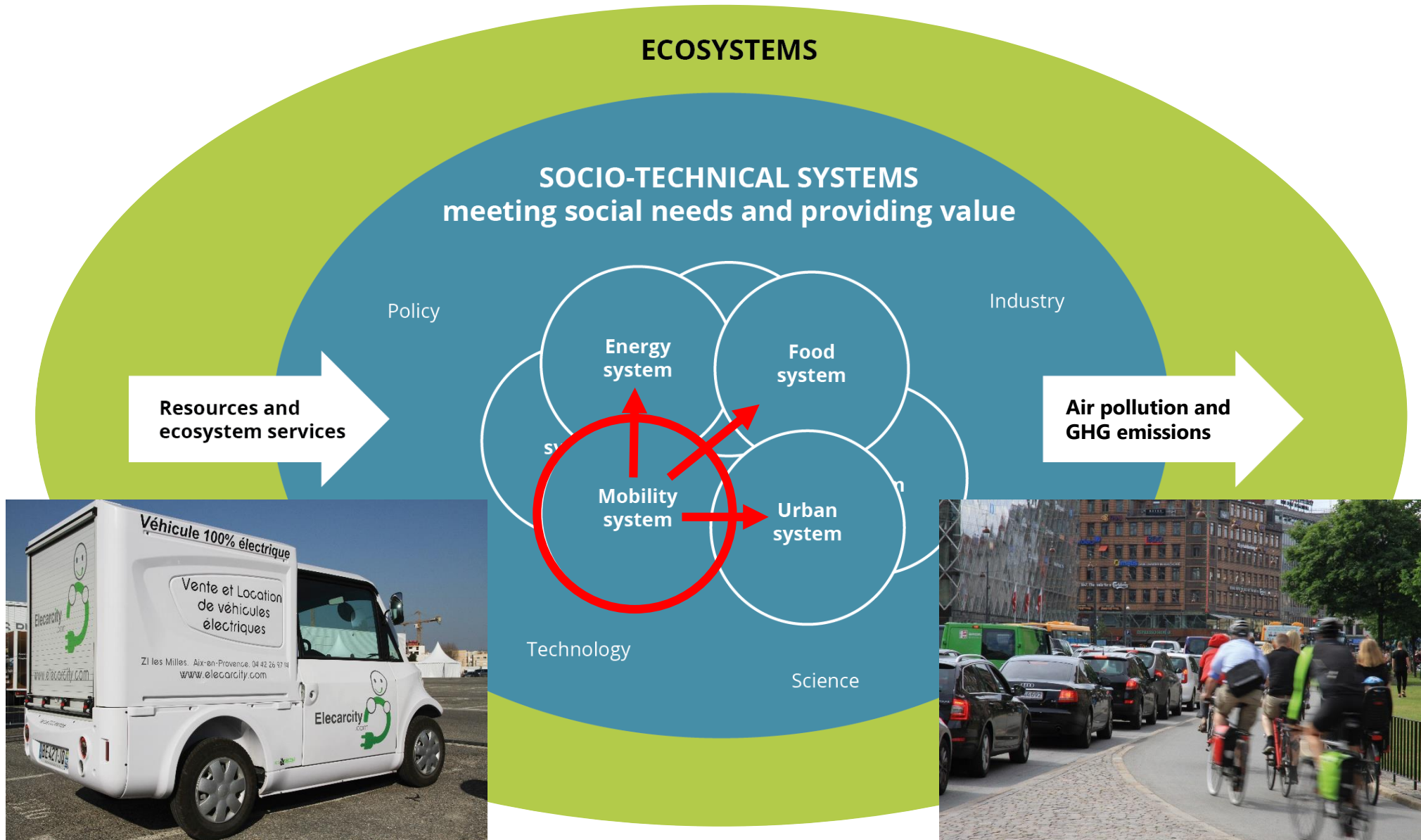
Sectoral assessments

- Forestry
- Agriculture
- Energy
- Transport
- Industry
- Fisheries and aquaculture

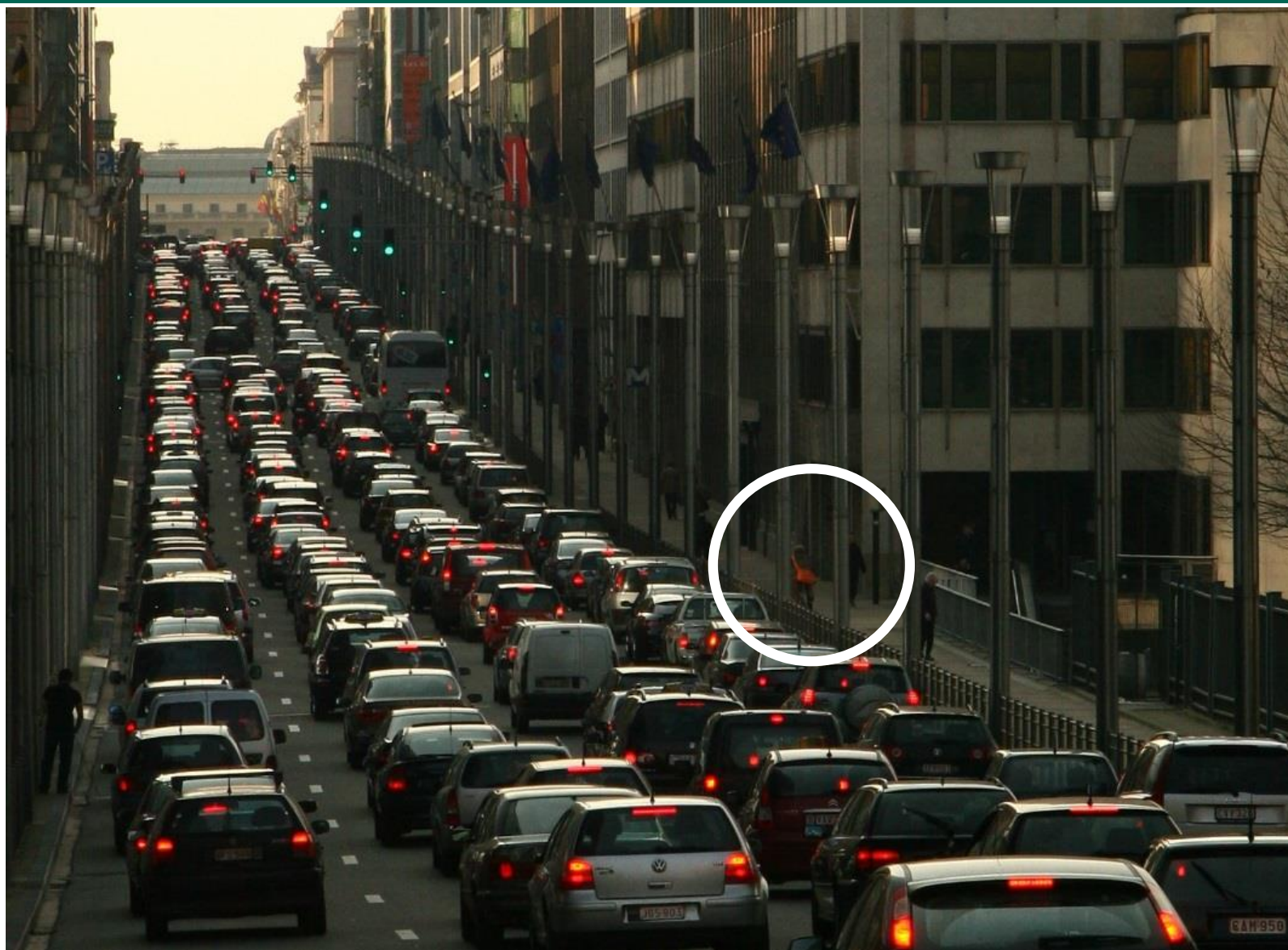
Urban



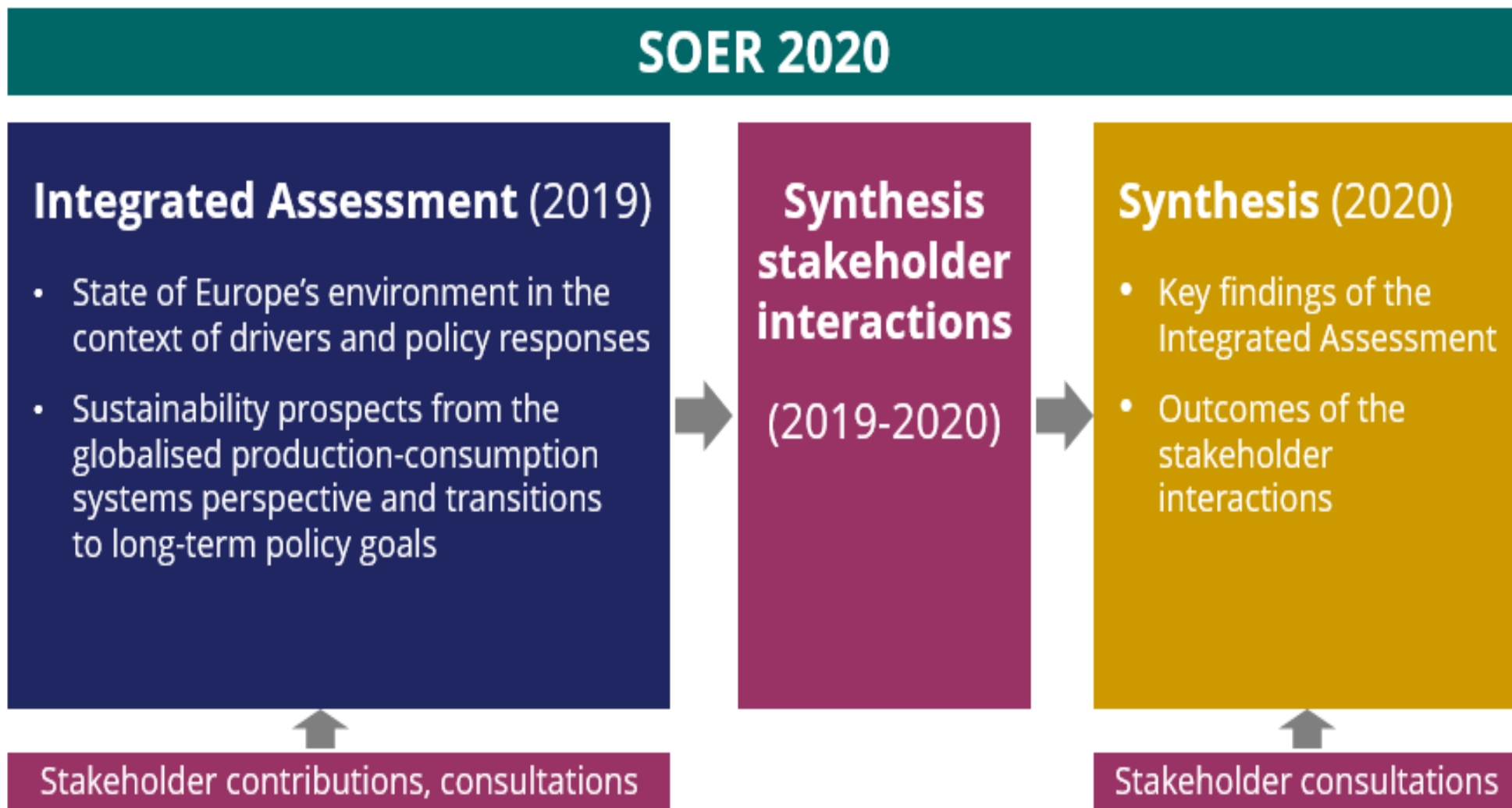
Approach SOER2020 – Systems



Urban mobility!



SOER2020 – structure



SOER2020 – Thematic assessments (e.g. air pollution)

Thematic summary assessment

- Key messages, visualisation and explanatory text

Scope of the theme

- Why is it important?

Policy context

- Description of policy strategies, objectives, targets

Key trends in Europe and European countries

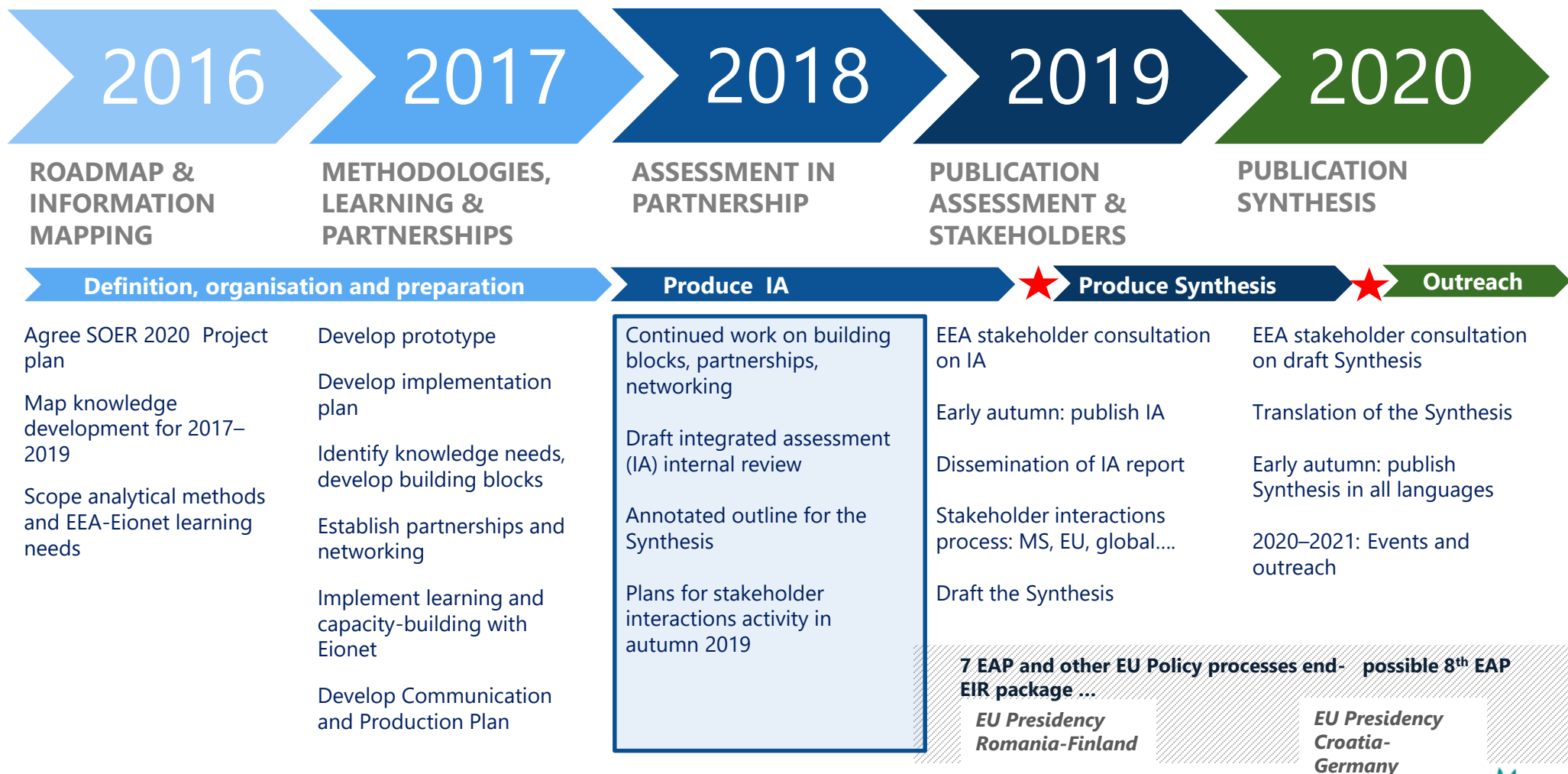
- Driving forces, pressures, state and impacts - trends and outlooks
- At least one country comparison – quantitative + enriched with qualitative information incl. selected case studies

Responses and prospects

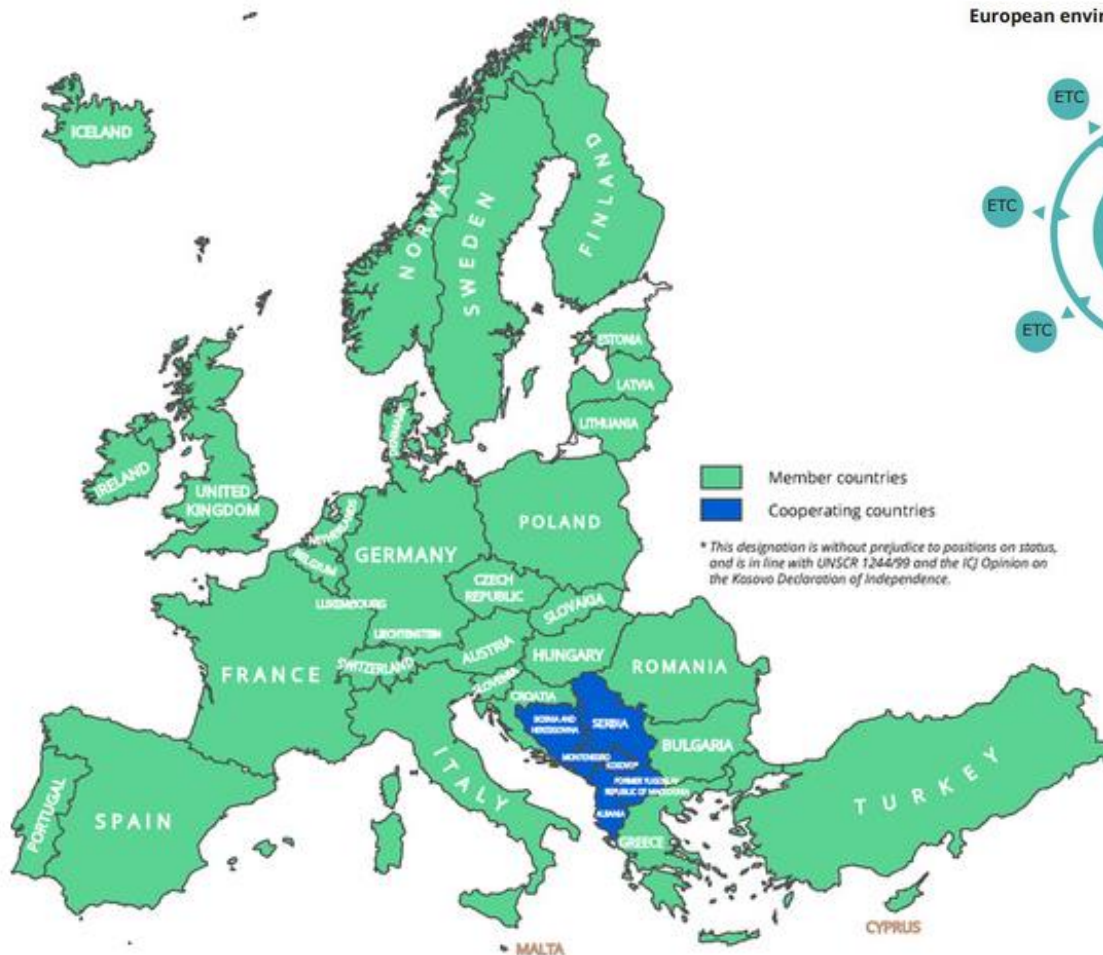
- Progress to targets analysis
- Effectiveness of policies, policy coherence and policy relevance
- Prospects for meeting targets and longer-term sustainability objectives
- Links to other policy areas



SOER2020 - Timeline

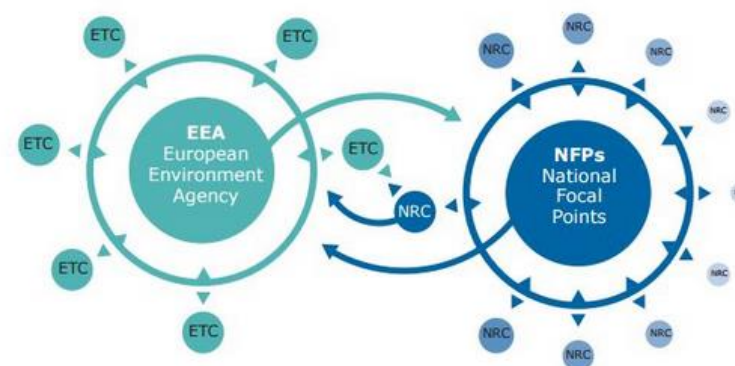


EIONET- European Topic Centres



[Click on the map to enlarge the view](#)

European environment information and observation network (Eionet)



European Topic Centres – review process

- A 'topic review' identified areas where new/changed support is required as a result of changes in EEA priorities, EU legislation etc.
- New ETCs are currently planned to be contracted for 2 years plus 1 year extension, i.e. for 2019 - 2021.
- EEA launched a call for proposals in January 2018, with deadline of **30/04/2018**.
- EEA has received proposals and an 'opening' committee is being established (May 2018).
- Management Board decision on new ETCs in June.

Call for new European Topic Centres 2019 - 2021

Title▲	Item Type	Effective Date	Expiration Date
European Topic Centre on Waste and Materials in a Green Economy - OCP/EEA/IEA/18/001-ETC/ULS	Call For	31 Jan 2018,	30 Apr 2018,
European Topic Centre on Air Pollution, Transport, Noise and Industrial Pollution - ETC/ATNI			
European Topic Centre on Climate Change Mitigation and Energy - ETC/CME			
European Topic Centre on Land and Marine water - ETC/ICM			
European Topic Centre on Biodiversity - OCP/EEA/ACC/18/001-ETC/ULS			
European Topic Centre on Impacts, vulnerability and Adaptation - OCP/EEA/ACC/18/001-ETC/ULS			
European Topic Centre on Transport, Noise and Air Pollution - OCP/EEA/ACC/18/001-ETC/ATNI			

- European Topic Centre on Air Pollution, Transport, Noise and Industrial Pollution - **ETC/ATNI**
- European Topic Centre on Climate Change Mitigation and Energy - **ETC/CME**



Some key publications in 2017 and 2018



Air Quality in Europe 2017 report and NECD briefing

EEA Report | No XX/2017

Air quality in Europe — 2017 report

ISSN 1725-xxxx



European Environment Agency



Ten EU countries continue to breach National Emission Ceilings Directive limits

News — Published 10 Jun 2016 — Last modified 22 Mar 2018 — 2 min read



Topics: [Agriculture](#) [Air pollution](#) [Transport](#)

Air pollution from sources such as transport and agriculture is still being emitted above legal limits in 10 European Union (EU) Member States according to new data published by the European Environment Agency (EEA) today.



Image © @Grimme Group

European Environment Agency



'Air Implementation Pilot' 2013 report and 2018 update

EEA Report | No 7/2013

Air Implementation Pilot

Lessons learnt from the implementation of air quality legislation at urban level

ISSN 1725-9177

✓ Gaining a better understanding of what cities need in order to better implement EU air quality legislation.

- Plovdiv
- Antwerp
- Paris
- Vilnius
- Dublin
- Madrid
- Malmö
- Milan
- Prague
- Vienna
- Ploiesti
- Berlin



European Environment Agency



European Environment Agency



LRTAP and TERM reports



Briefings on CO₂ emissions from cars

Tax breaks and incentives make Europeans buy cleaner cars

News — Published 12 Apr 2018 — Last modified 12 Apr 2018



Topics: [Transport](#) [Policy Instruments](#) [Climate change mitigation](#)

Emissions of carbon dioxide from new passenger cars have dropped in a number of European countries where a range of taxes, subsidies and other incentives are used to encourage consumers to purchase lower-carbon-dioxide (CO₂) emitting vehicles. The number of countries offering incentives for electric vehicles in particular, continues to grow, according to European Environment Agency (EEA) data published today. At the same time, emissions from trucks and buses are expected to increase further if new measures are not taken.



Image © Skitterphoto/pixabay

No improvements on average CO₂ emissions from new cars in 2017

News — Published 23 Apr 2018 — Last modified 23 Apr 2018



Topics: [Transport](#) [Climate change mitigation](#) [Policy Instruments](#)

Efforts to improve the fuel efficiency of new cars sold in the European Union (EU) stalled in 2017 compared to 2016, according to provisional data published today by the European Environment Agency (EEA). While past years have seen steady declines, new passenger cars registered in 2017 emitted on average 0.4 grammes (g) of carbon dioxide (CO₂) per kilometre more than in 2016.

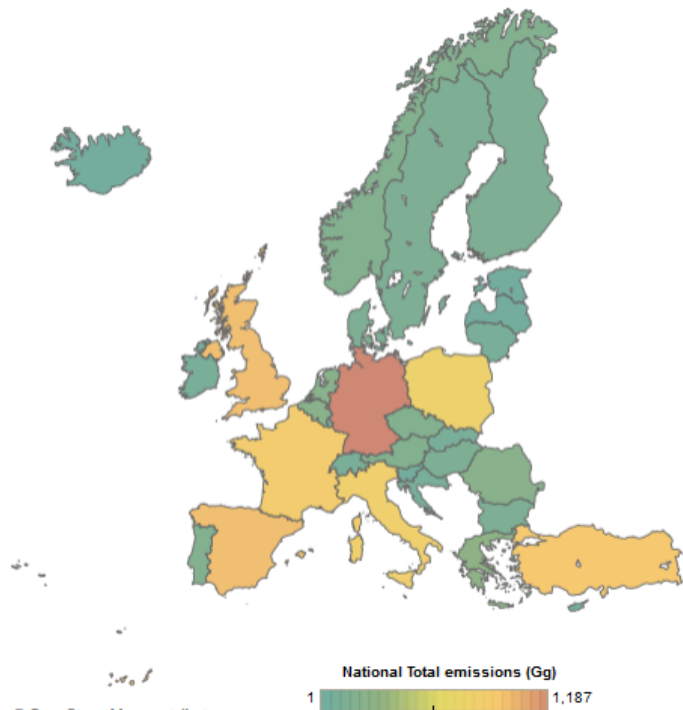


Image © Mason Jones on Unsplash



Several viewers ... and country factsheets

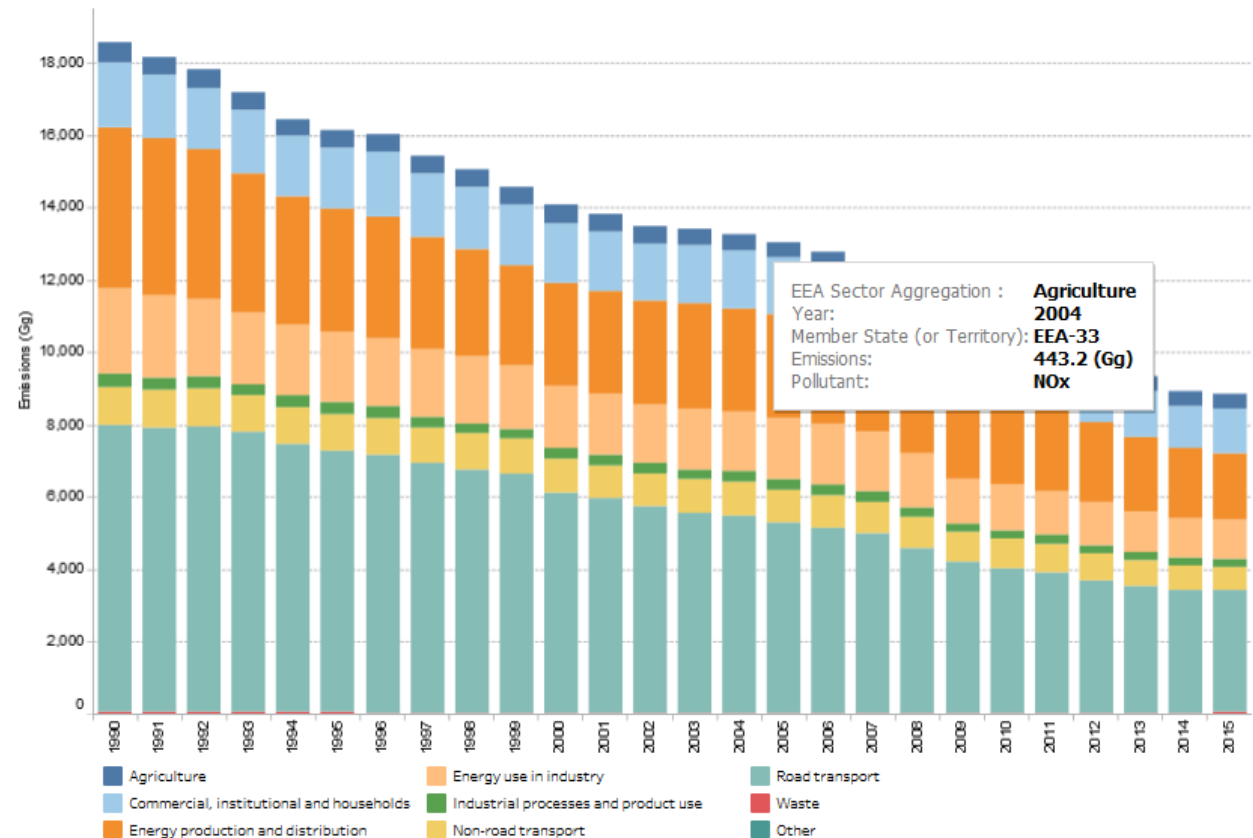
NOx by country (2015)



© OpenStreetMap contributors

Note: Please zoom in to see the results for small countries such as Lichtenstein.

NOx by sector over time



Map shows emissions for year: < >

Bar chart shows the following sectors:





Thank you!

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European Environment Agency

