

Needs for climate change mitigation efforts from households, industry and society

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What we do – examples of EEA publications

Europe's environment The fourth assessment

European Environment State and Outlook Report 2005

EEA Report | No. 4/2008
OECD Reference Report | No. 95247795

Impacts of Europe's changing climate
– 2008 indicator-based assessment

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(4/2008)

EEA Report | No. 3/2009

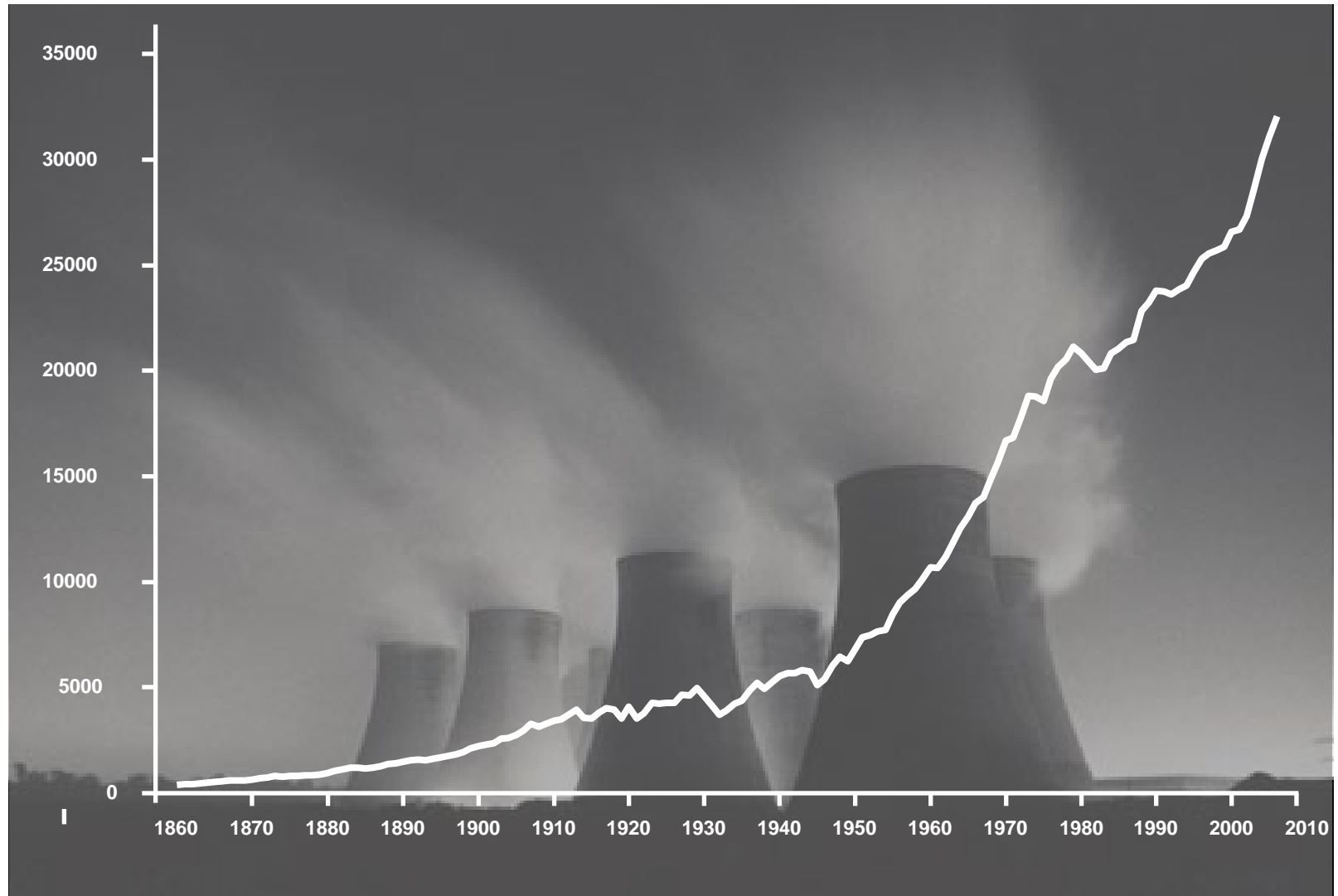
Water resources across Europe – confronting
water scarcity and drought

Water resources across Europe –
confronting scarcity and drought
(3/2009)

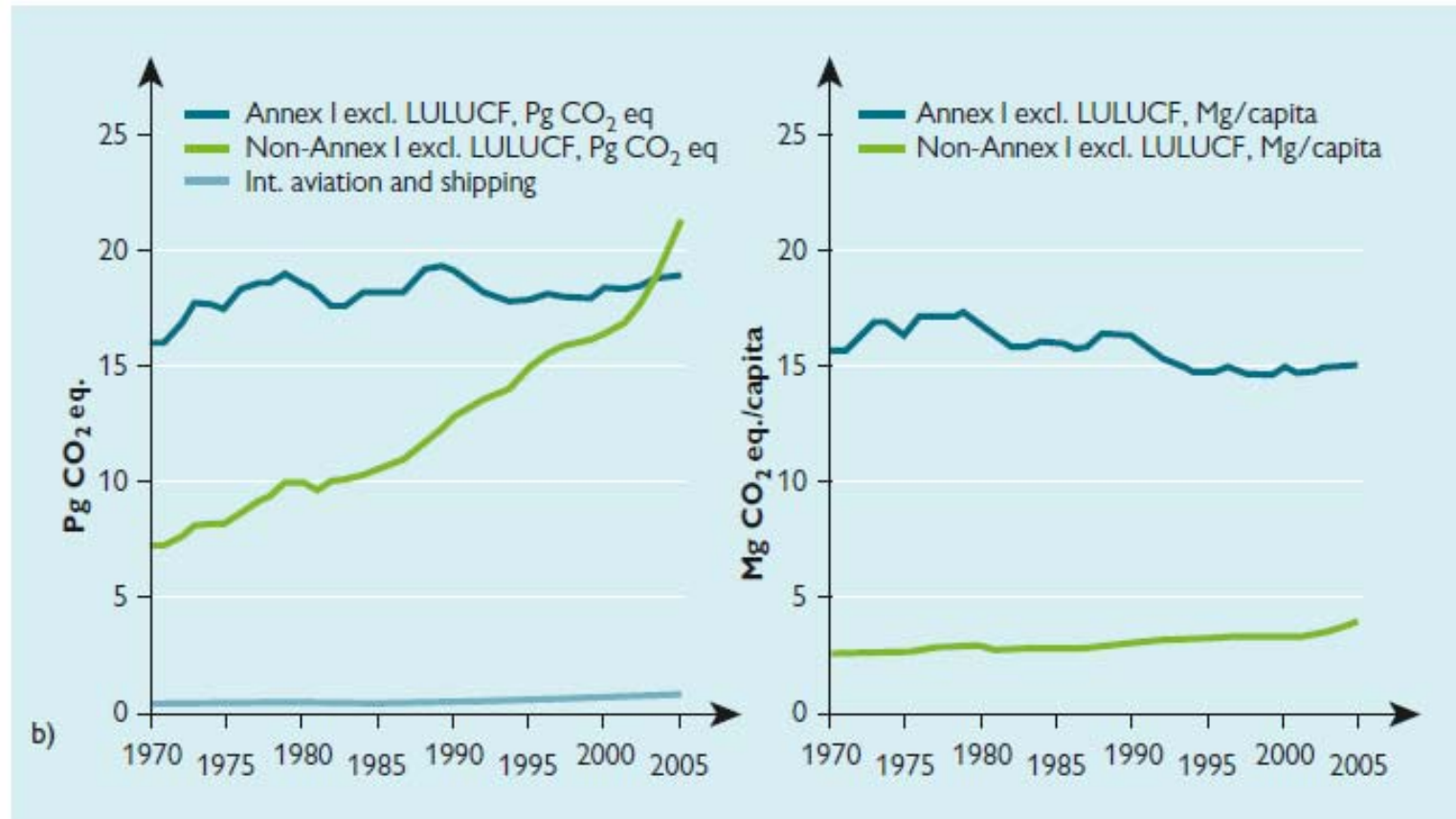


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Global annual CO₂ emissions, 1860–2006

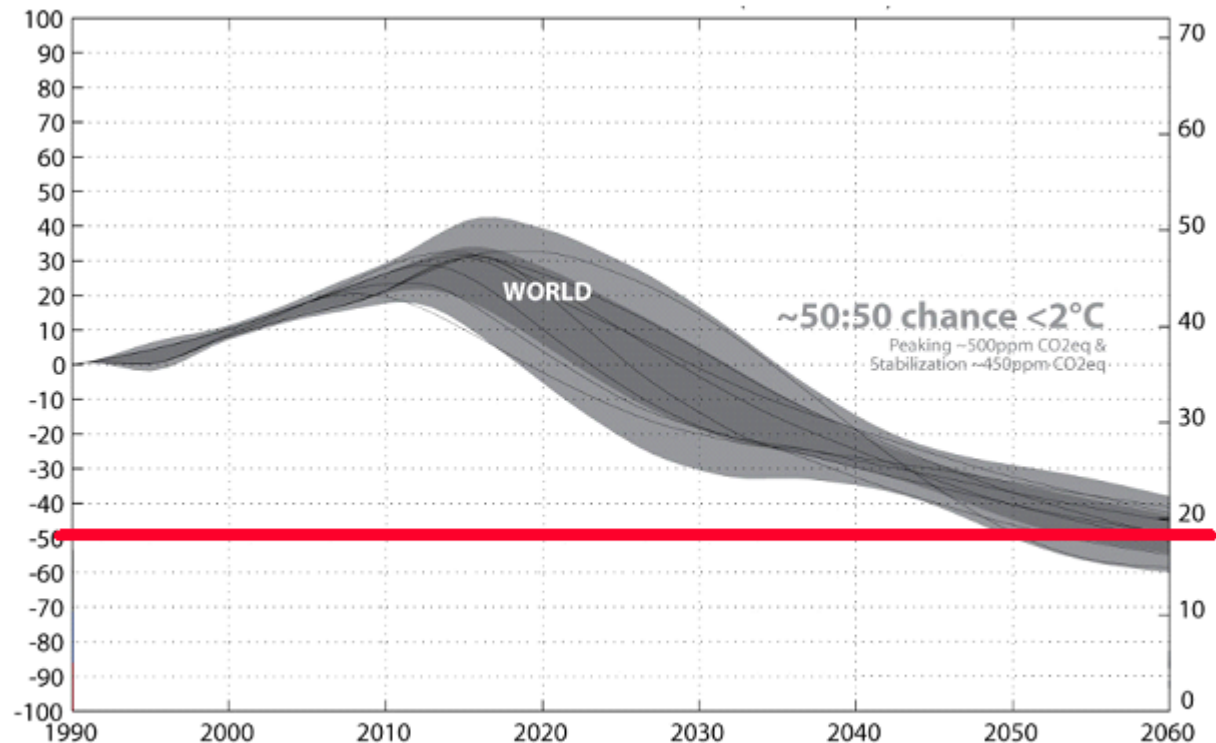


Emissions of industrialised and developing countries – aggregate and per capita



Source: EDGAR v4.0 EC-JRC/PBL 2009

Global emissions path to meet the 2°C target



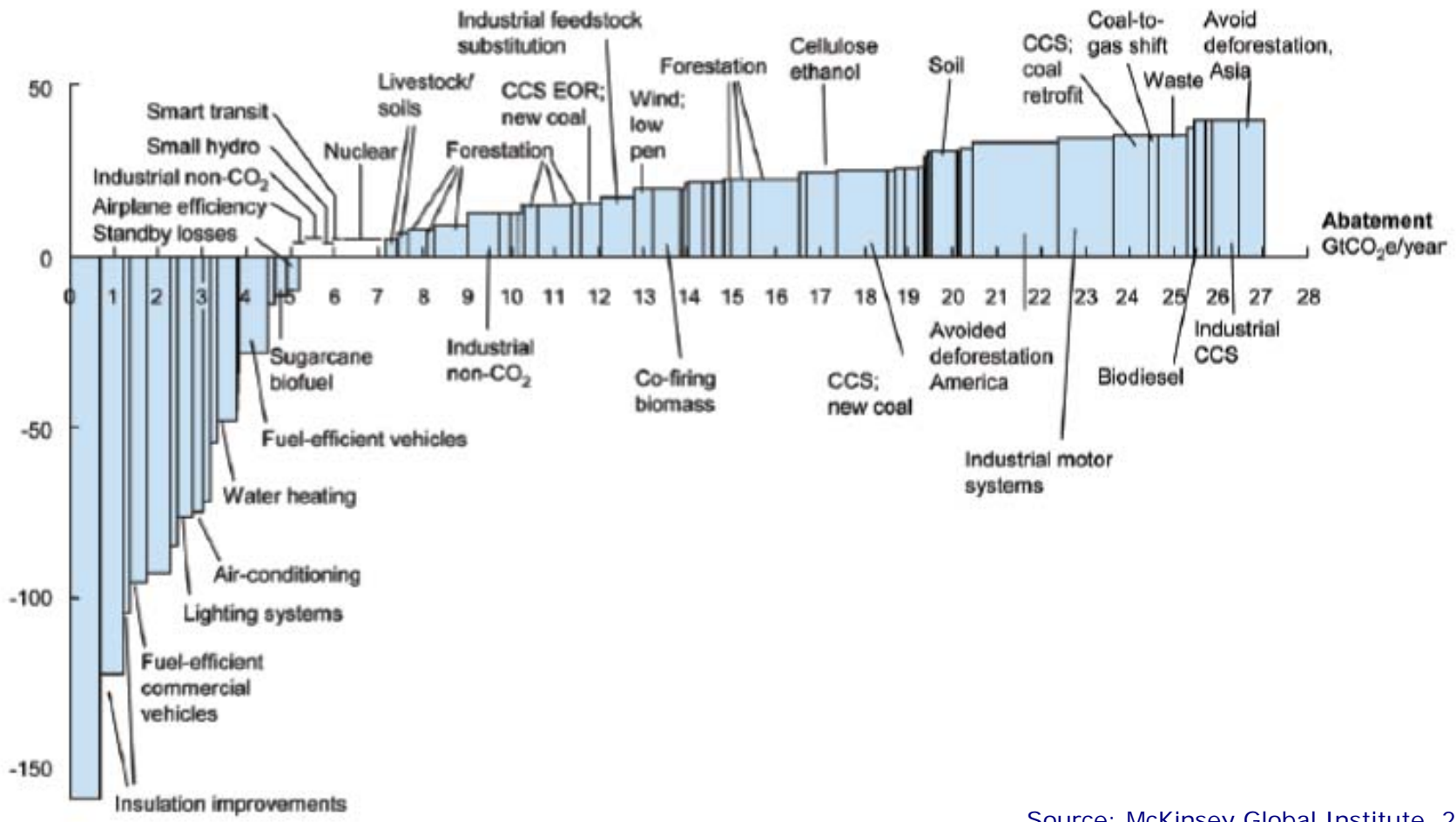
Emissions must be cut by 50% by 2050 compared to 1990.

450 ppm CO₂ equivalent emission path = 50% chance of reaching a 2 °C target.

Source: European Commission DGENV, Source graph Meinshausen

Cost of emissions reductions, 2030

(Euros per tonne of carbon equivalents)



Source: McKinsey Global Institute, 2008



Barcelona has led the way in integrating solar energy into urban development



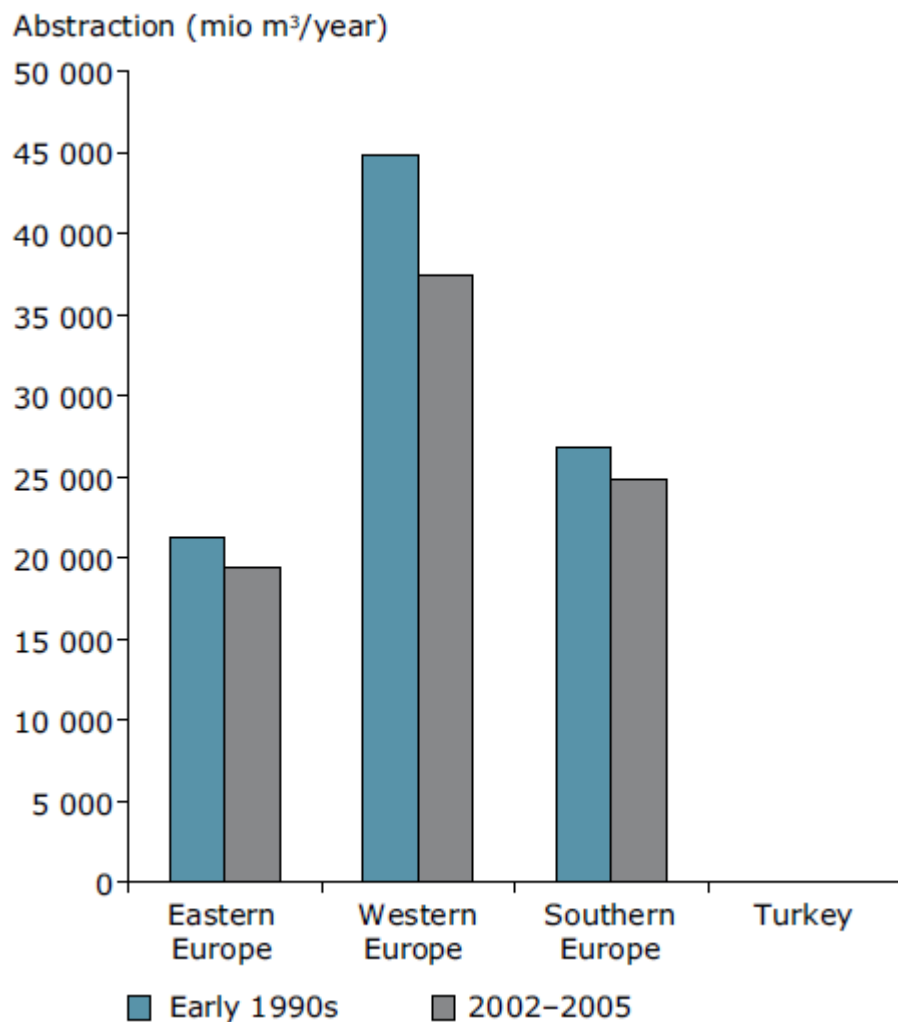
Broad collaboration is essential because actions in one sector impose costs elsewhere



More desalination and higher water quality standards will increase energy use



Annual water abstraction for cooling, million m³



Shifting to biofuels will affect water use



Vertical gardens offer opportunities and risks



Water Information System for Europe

WISE
WATER INFORMATION
SYSTEM FOR EUROPE

PROJECTS POLICY DATA & THEMES



The Water Information System for Europe

– or more commonly known as WISE – is your gateway to information on European water issues. It compiles a number of data and information collected at EU level by various institutions and bodies.

DATA & THEMES

The WISE viewer - a central water data webportal

The WISE viewer is a central location where geographically-mapped information on water-related issues can be found for the whole of Europe. This includes data on water quality and soon on water quantity, and information on implementation of EU water legislation. The viewer provides thematic data on zoomable maps, thus helping to visualise particular issues with a European or more local perspective. Go to 'Water live maps' to find the WISE viewer. The 'themes and data' section is maintained and updated by the European Environment Agency (EEA).

More www.eea.europa.eu/themes/water

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POLICY

Water policy in the European Union !

The policy pages provide users with detailed information on water-related policies and EU legislation. This includes details on various EU water Directives and implementation and supporting activities and documents that are useful to Member States in reaching their objectives. The 'policy' section is maintained and updated by the European Commission's Environment Directorate-General.

More ec.europa.eu/environment/water/index_en.htm



PROJECTS

WISE RTD – Central portal for water related research and projects

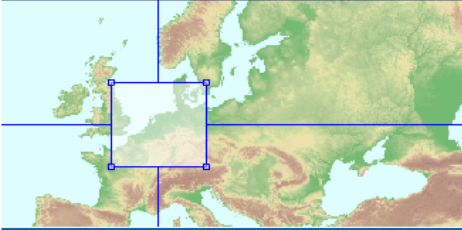
NEWS

11/6/2009: **Bathing water report 2009 launched !**

Internet 100%

Urban Waste Water Treatment Plants

Overview map ? -



Map legend ? -

UWWT plants by treatment type

- More stringent treatment
- Secondary treatment
- Primary treatment
- No treatment / no information
- The information is not complete

Country border

- Large Lakes
- Rivers

Forest

- Broad-leaved, coniferous and mixed forest

Built-up areas

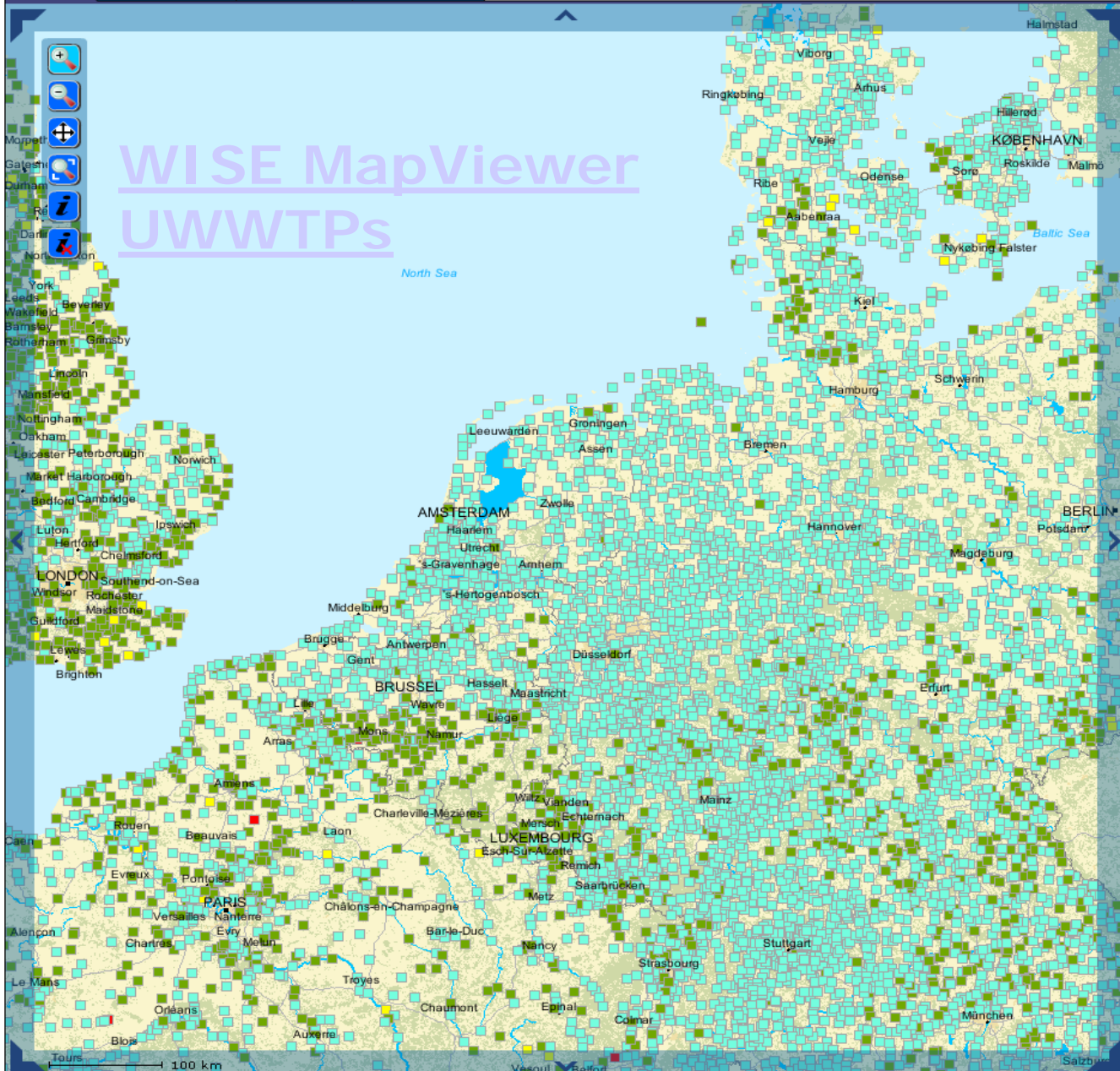
- EU and EEA Member and Collaborating Count

Find location ? -

Map view | **Map explanation** | **Related links** | **About the data**

WISE MapViewer

UWWTs



Map navigation controls: zoom in (+), zoom out (-), home, full screen, info, and search.

Scale: 100 km

Some potential outputs

- Identify ways to generate timely, targeted, relevant and reliable information on water and energy consumption and efficiency
- Good case studies that can inspire or inform others
- Consensus on concepts and tools to incentivise improved water and energy efficiency
- A focus on communicating in terms that can be understood by non-specialists





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Thank you for your attention

www.eea.europa.eu

