



European  
Environment  
Agency



Europe's  
environment  
2025

# Europe's environment 2025

Knowledge for resilience, prosperity  
and sustainability

Leena Ylä-Mononen, EEA Executive Director,  
Czechia country visit, 4 November 2025



# EEA-Eionet: a networking organisation

## Who we are



More than  
**600** institutions



Organised in  
**12** Eionet groups



Around  
**3,500** experts



Supported by  
experts in  
**7** European  
Topic Centres

## What we do

Delivering data, information and knowledge

Europe's environment

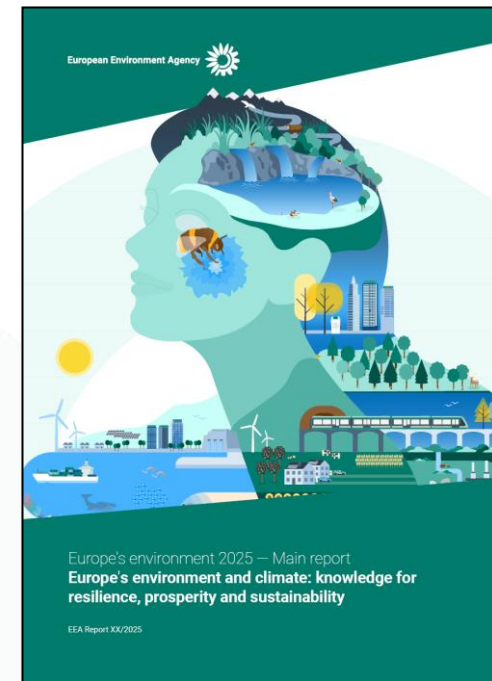
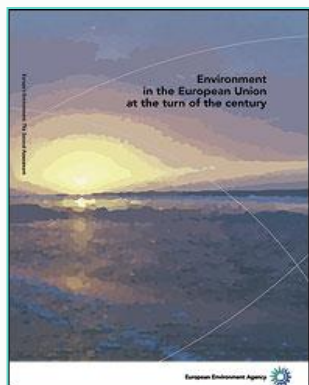
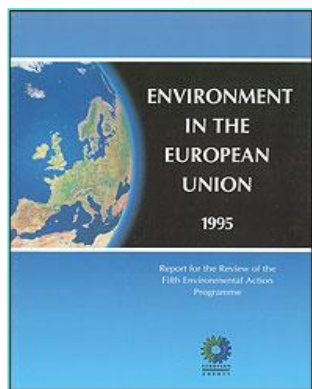
Support for EU and national policy



\* This designation is without prejudice to positions on status and is in line with UNSCR 1244/99 and the ICJ Opinion on the Kosovo Declaration of Independence.



# 30 years state of environment reporting



2025

1995

2000

2005

2010

2015

2020



European  
Environment  
Agency

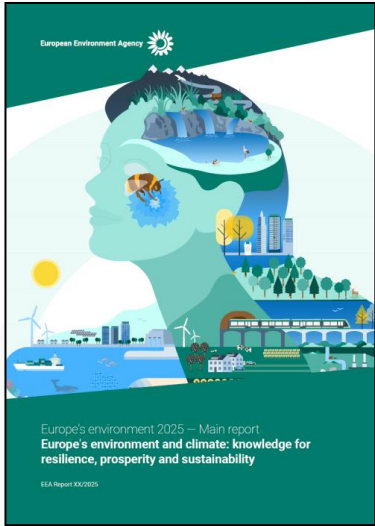


Europe's  
environment  
2025



# Europe's environment 2025

1.



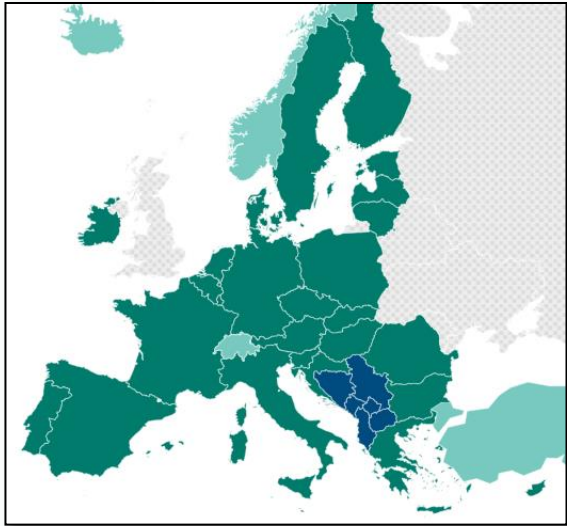
Main  
report

2.

1.1 State of Europe's biodiversity	1.2 Pollution of ecosystems	1.3 Protected areas	1.4 Water and climate impacts	1.5 Ecosystems and climate impacts	1.6 Land use and land take
1.7 Soil resources	1.8 Biodiversity investment needs	2.1 Greenhouse gas emissions	2.2 Trends in the mobility systems	2.3 Trends in the energy system	2.4 Carbon dioxide removal from the atmosphere
2.5 Ozone-depleting substances and fluorinated greenhouse gases	2.6 Climate risks to the economy	2.7 Climate risks to society	2.8 Climate action financing	2.9 Governance of climate change mitigation and adaptation	3.1 Emissions of pollutants to air
3.2 Air pollution and impacts on human health	3.3 Environmental noise and impacts on human health	3.4 Water pollution and human health	3.5 Chemical pollution and human health	3.6 Environmental health inequalities related to air pollution	4.1 Circular design and sustainable production
4.2 Waste generation and material consumption	4.3 Waste recycling	4.4 Circular use of materials	4.5 Circular economy financing and strategies	4.6 Benefits of a circular economy	4.7 Global impacts from EU consumption
4.8 Transformative innovation	4.9 Green employment	4.10 Green taxation and other economic instruments	4.11 Justice in sustainability transitions	4.12 Financing the transition towards sustainable activities	

Thematic  
briefings

3.

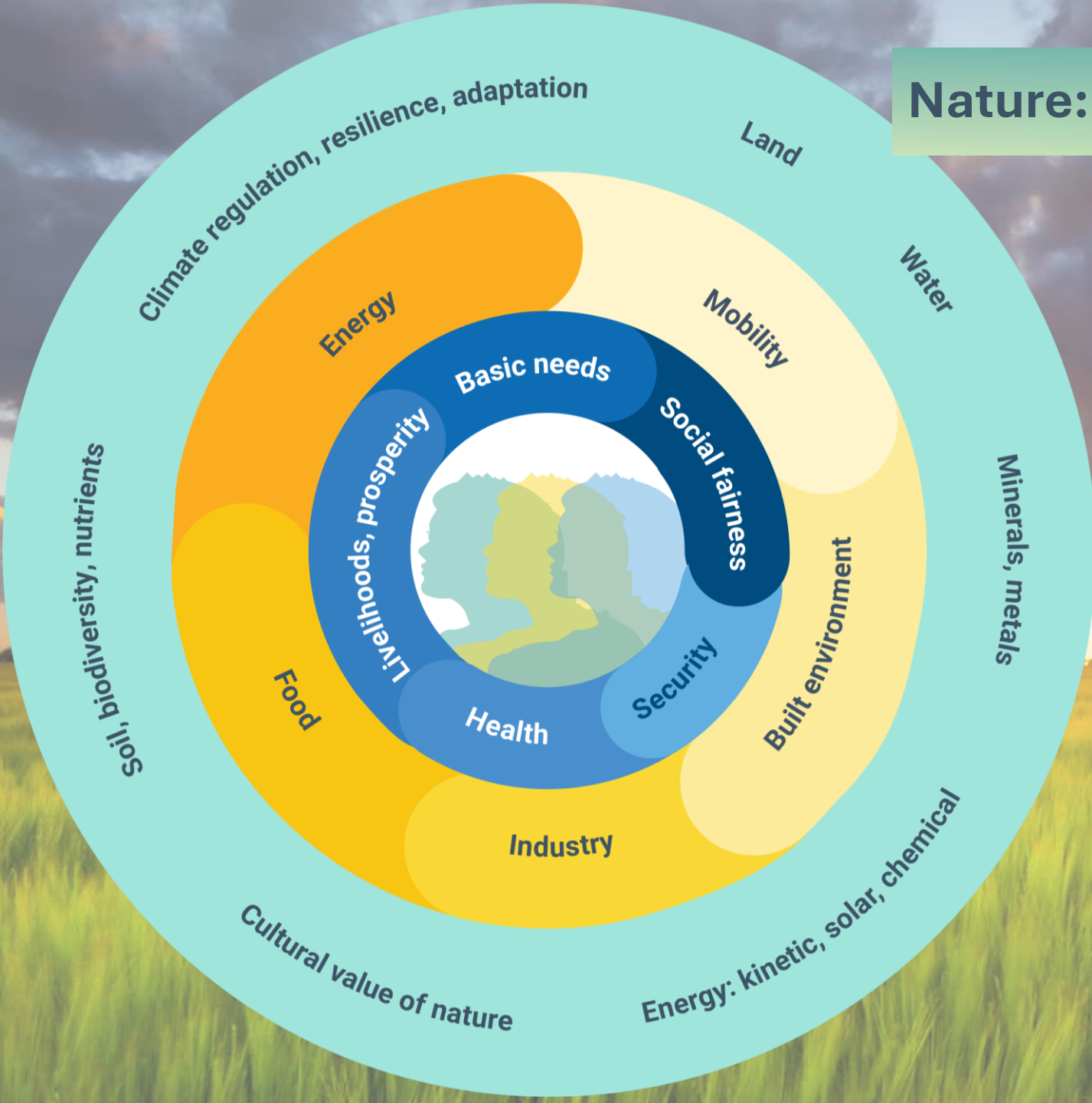


Country  
profiles





# Nature: key to human health and prosperity



- Human needs to survive
- Production and consumption systems
- Environmental assets



European  
Environment  
Agency

Europe's  
environment  
2025





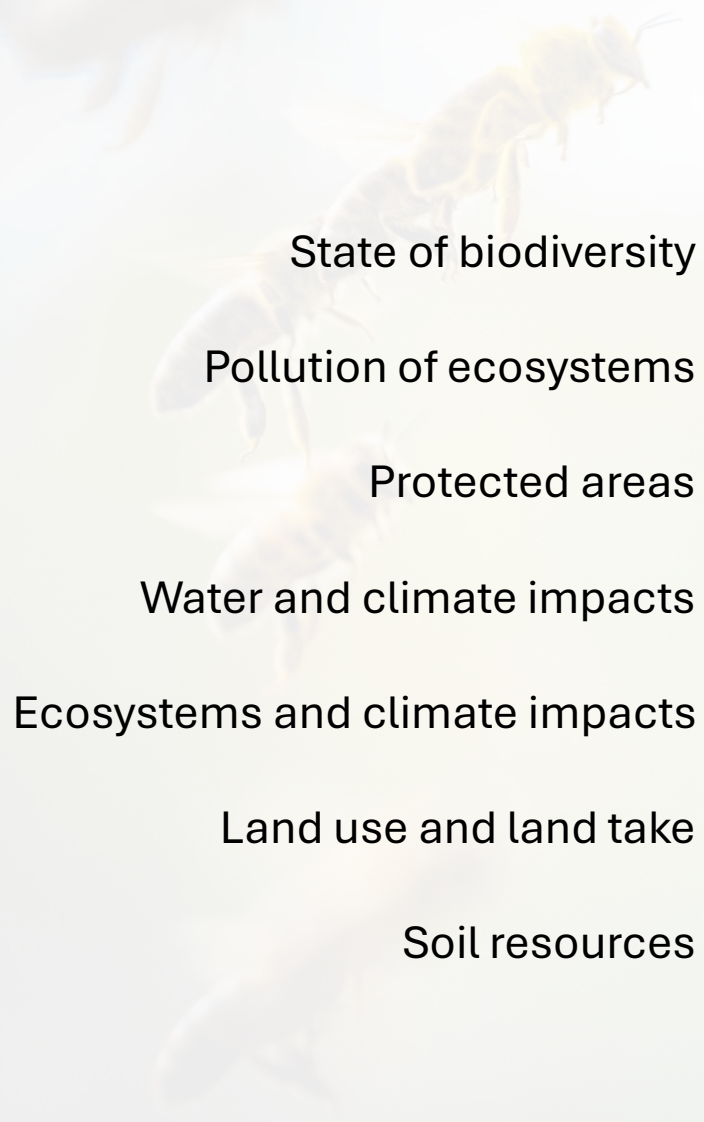
European  
Environment  
Agency



Europe's  
environment  
2025



# Europe's environment: biodiversity and ecosystems



	Past trends (10-15 years)	Outlook (10-15 years)
State of biodiversity	Red	Red
Pollution of ecosystems	Yellow	Yellow
Protected areas	Teal	Yellow
Water and climate impacts	Yellow	Yellow
Ecosystems and climate impacts	Red	Red
Land use and land take	Red	Yellow
Soil resources	Red	Yellow

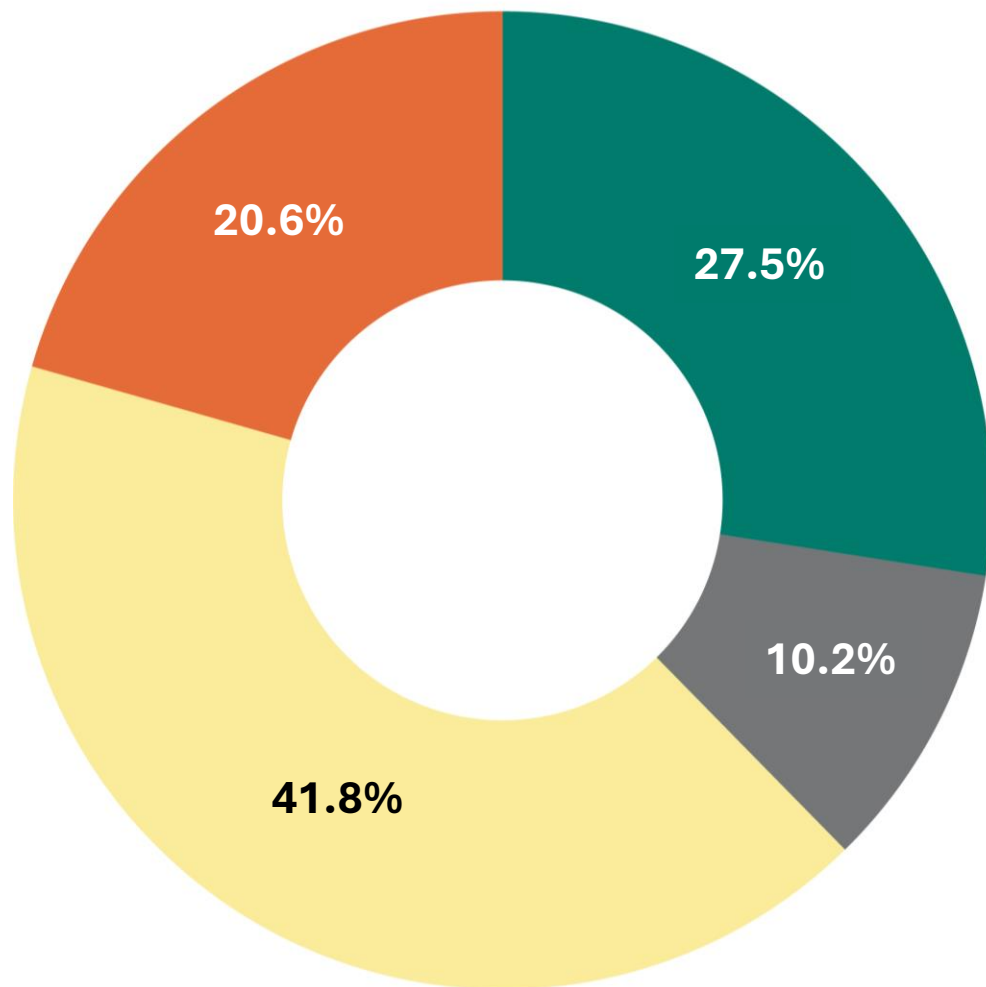


European  
Environment  
Agency

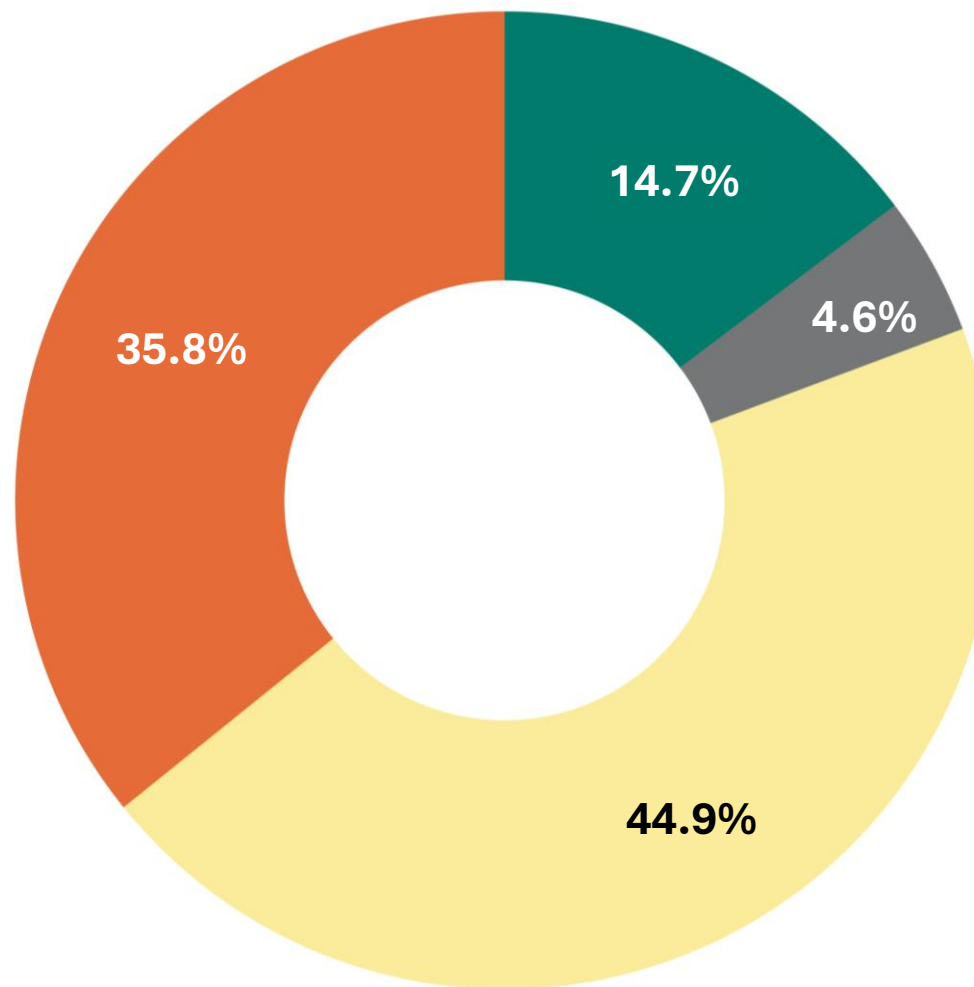


Europe's  
environment  
2025

# Biodiversity in decline



Conservation status of species

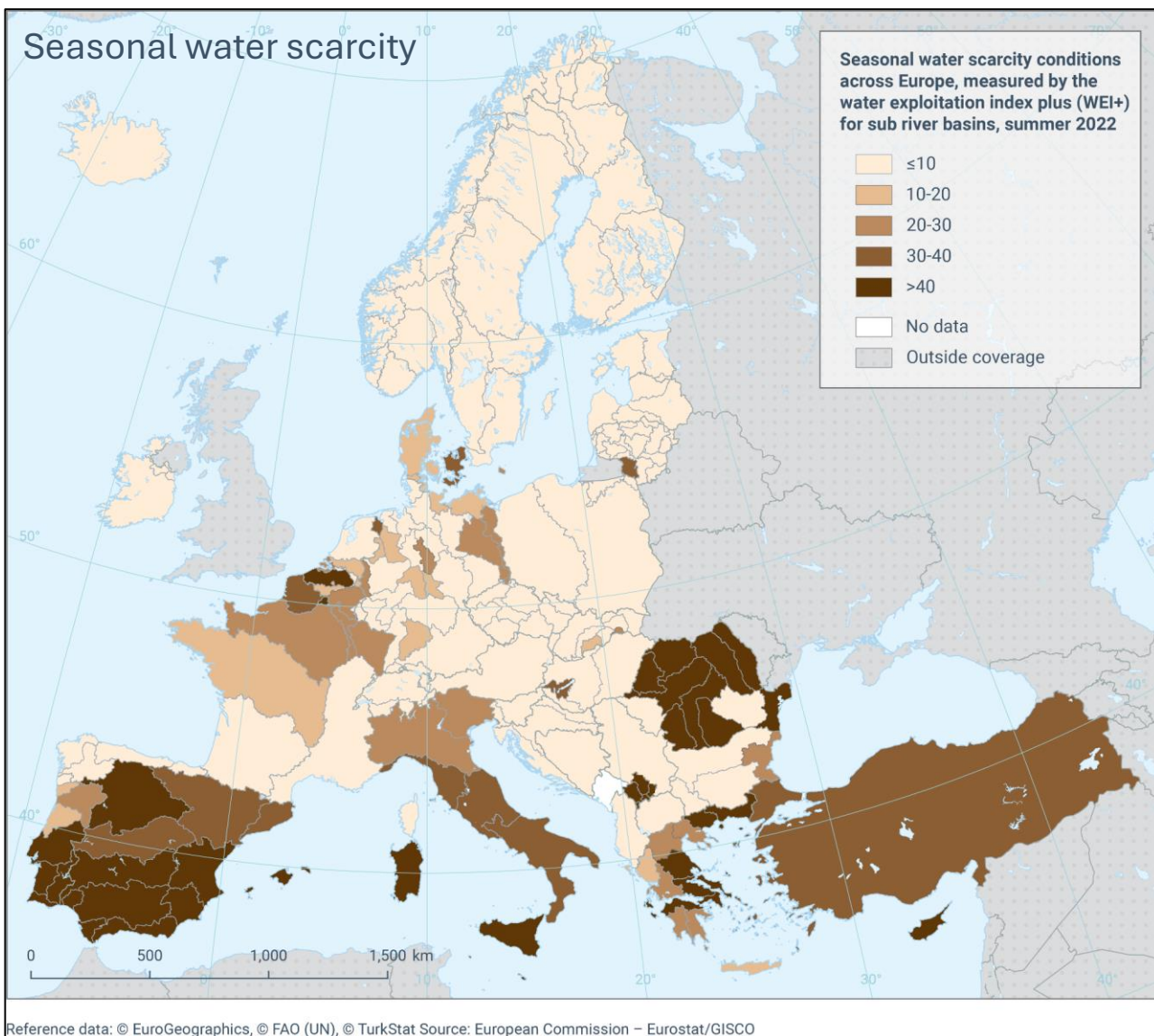


Conservation status of habitats

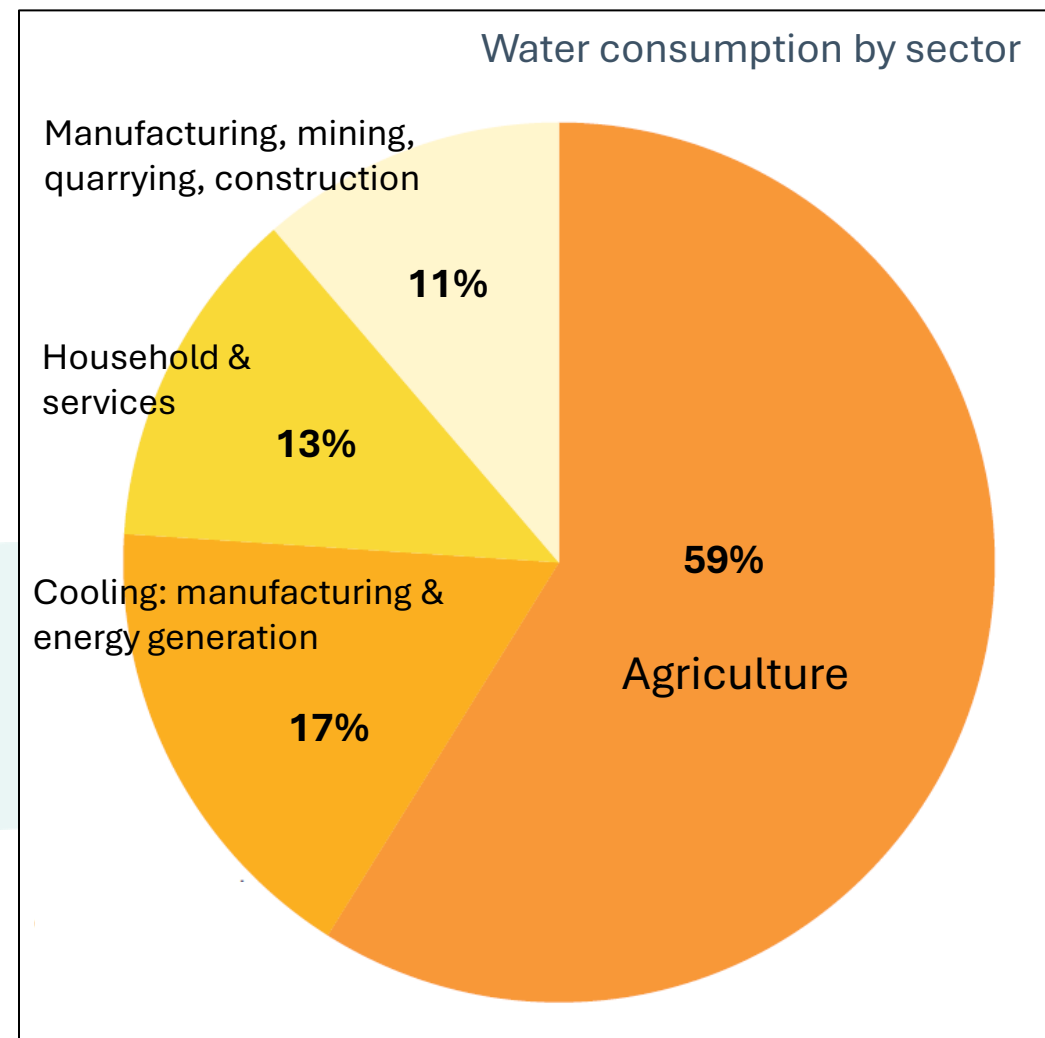




# Water resources under pressure



Source: [EEA, 2025](#)



Source: [EEA, 2024](#)



European  
Environment  
Agency



Europe's  
environment  
2025







# Europe's environment: climate change

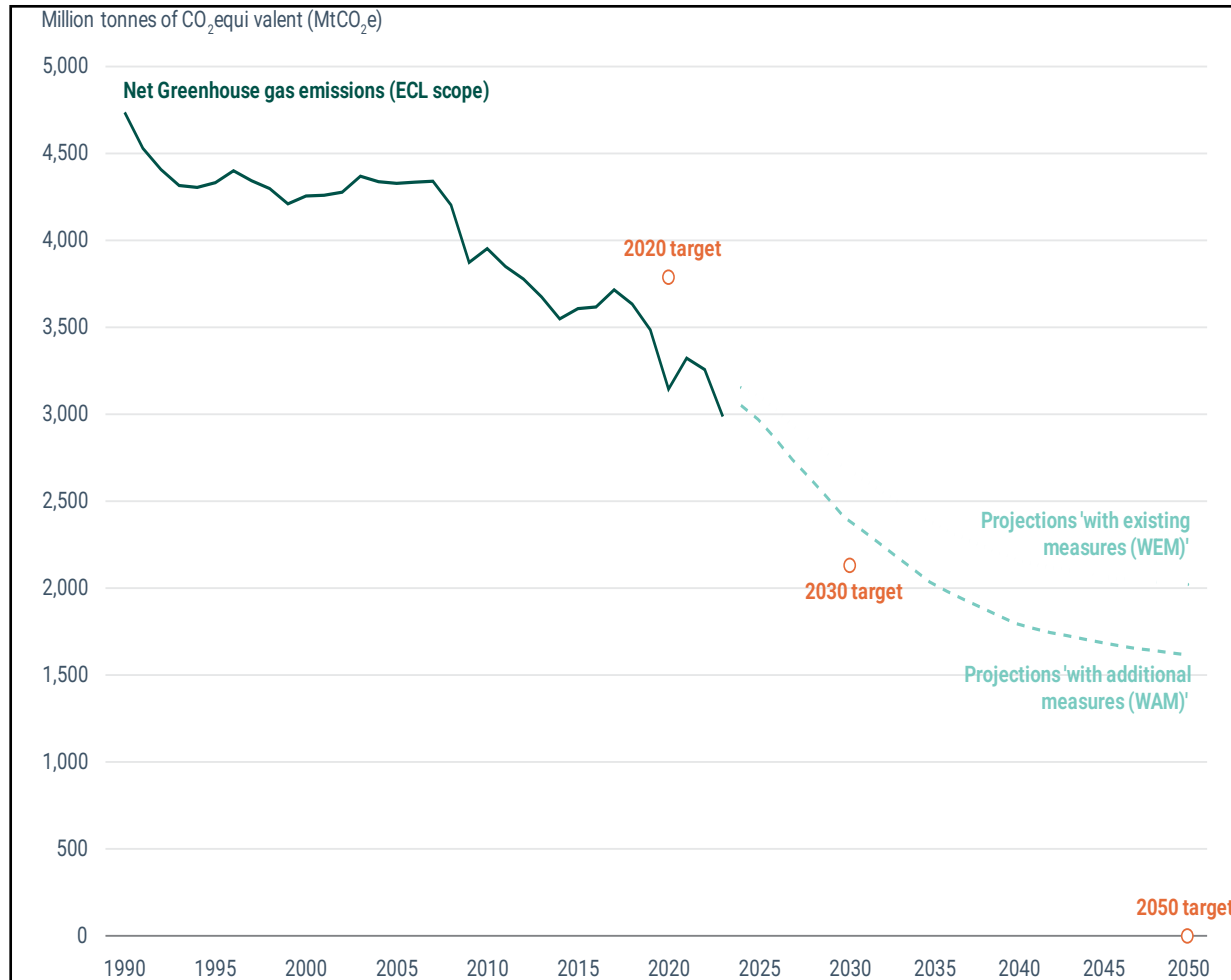
	Past trends (10-15 years)	Outlook (10-15 years)
Greenhouse gas emissions		
Mobility system trends		
Energy system trends		
CO <sub>2</sub> storage in forests/land		
Climate risks to economy		
Climate risks to society		
Climate change governance		





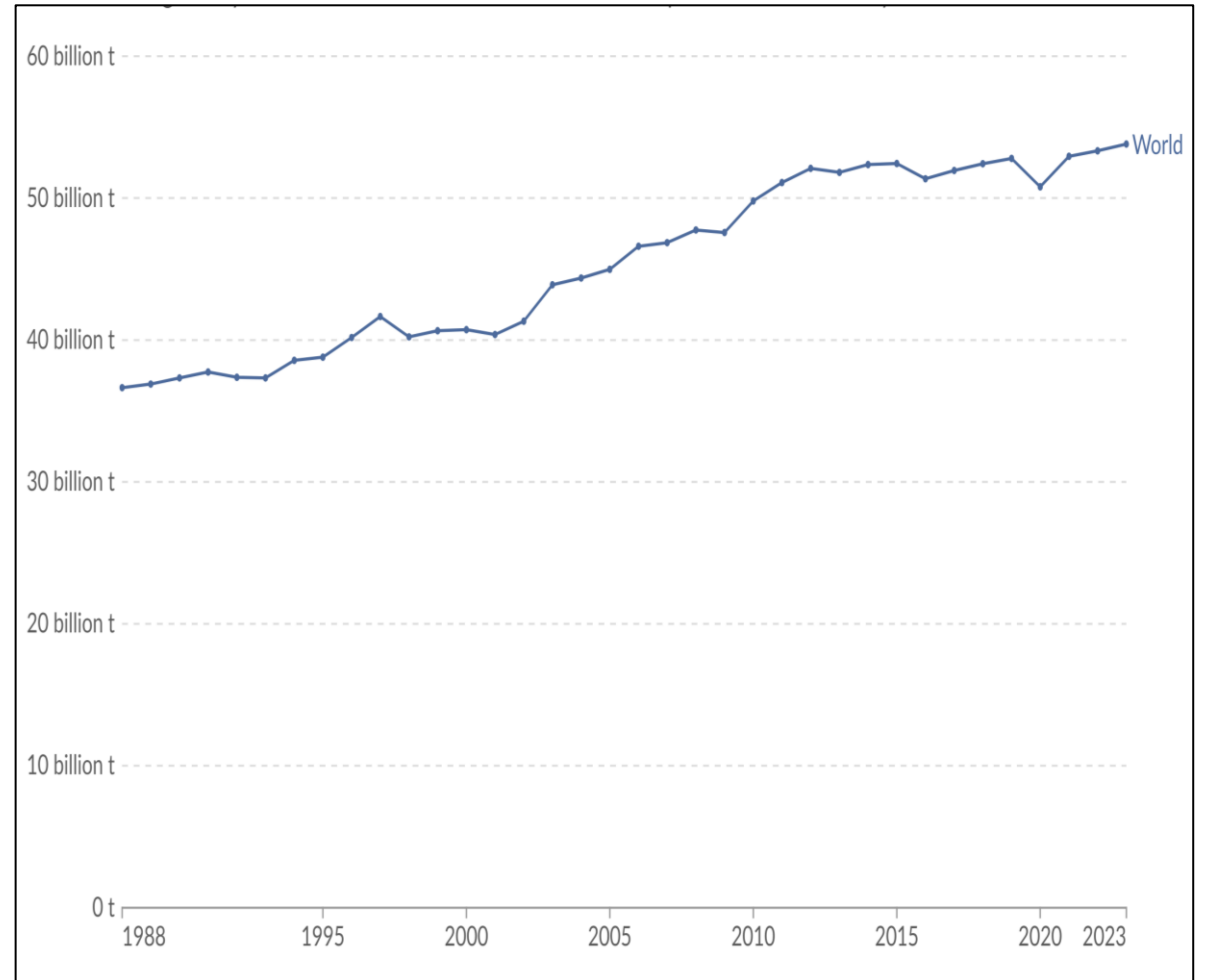
# Good progress on GHG emissions in Europe, but rising globally

## EU domestic GHG emissions -37% since 1990



Source: [EEA, 2025](#)

## Global GHG emissions continue to rise



Source: [Jones et al., 2024](#)



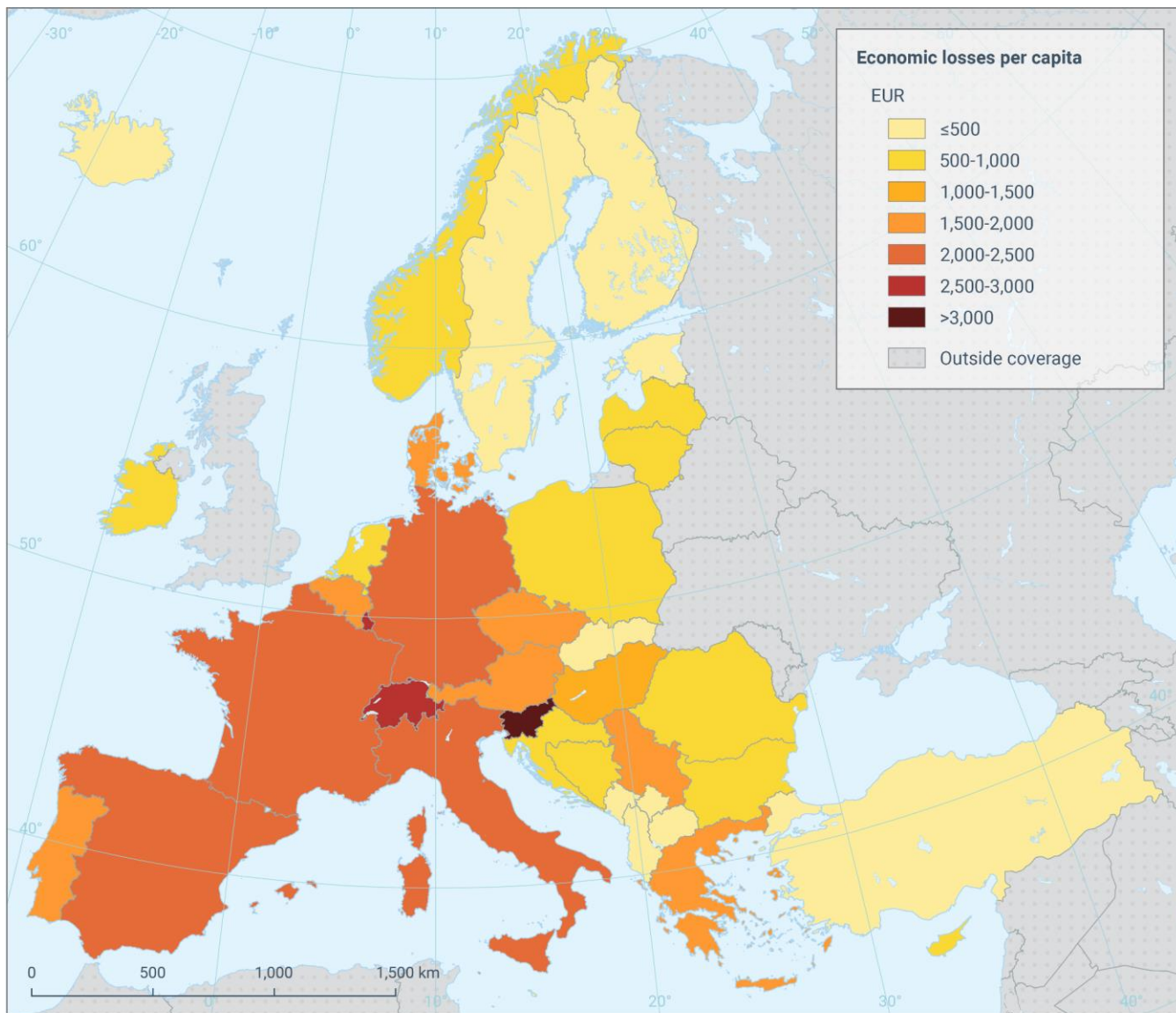
European  
Environment  
Agency



Europe's  
environment  
2025



# Climate change drives economic losses



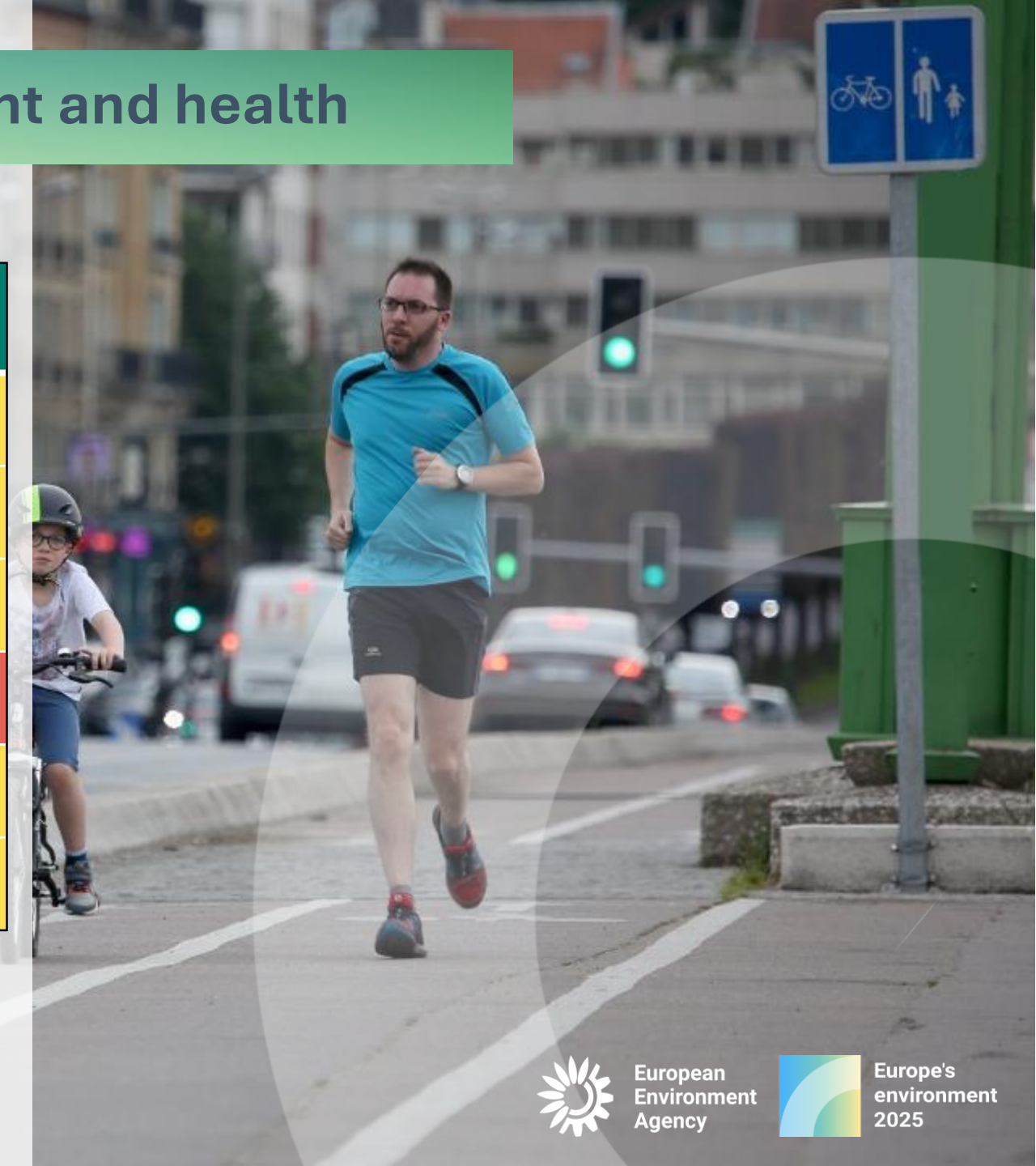
Total economic losses from climate change per capita 1980-2023





# Europe's environment: environment and health

	Past trends (10-15 years)	Outlook (10-15 years)
Emissions of pollutants to air		
Air pollution & health		
Environmental noise & health		
Water pollution & health		
Chemical pollution & health		
Air pollution & health inequalities		

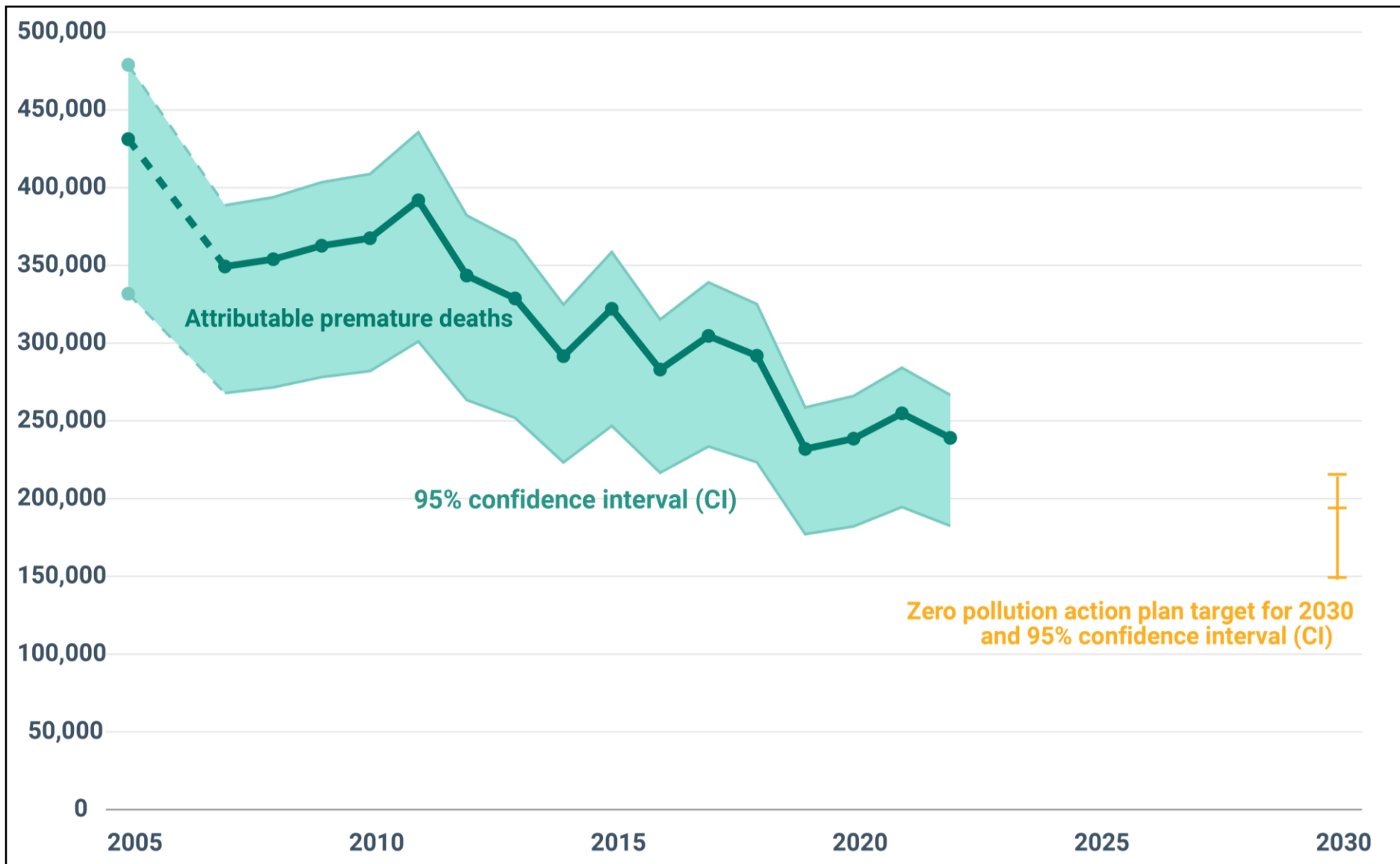


European  
Environment  
Agency



Europe's  
environment  
2025

# EU air quality policies are saving lives



Premature deaths attributable to exposure to fine particulate matter (PM<sub>2.5</sub>), EU-27, 2005-2022

Source: [EEA, 2025](#)



European  
Environment  
Agency



Europe's  
environment  
2025







# Europe's environment: circular economy

	Past trends (10-15 years)	Outlook (10-15 years)
Circular design		
Waste generation		
Waste recycling		
Circular use of materials		
Impacts from consumption		



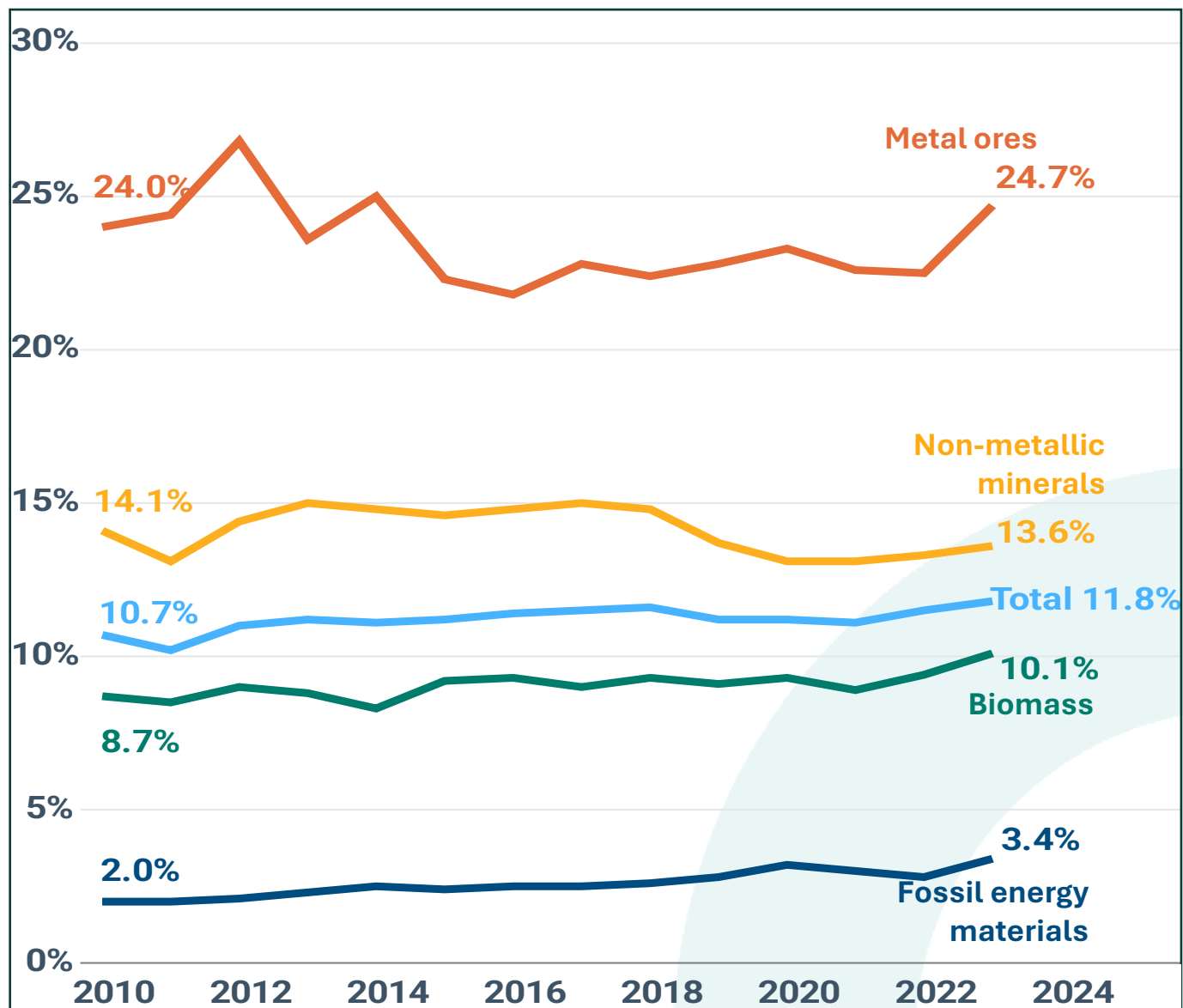
European  
Environment  
Agency



Europe's  
environment  
2025



# Circularity in Europe is stagnating



Trends in circular material use rates, by material

Source: [Eurostat, 2024](#)



European  
Environment  
Agency



Europe's  
environment  
2025

# Europe's environment: Red flags



## Biodiversity and ecosystems

- Ongoing biodiversity loss
- Impacts of climate change on ecosystems
- Soil degradation and water scarcity



## Climate

- Severe impacts of climate change
- Falling rates of carbon sequestration
- Emissions from agriculture and transport



## Pollution and health

- Chemicals
- Water scarcity and pollution
- Degradation of marine ecosystems



## Circular economy

- Slow progress towards circularity
- Unsustainable consumption



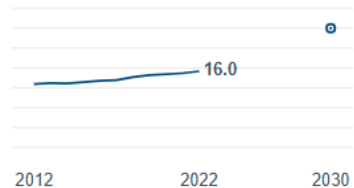


# Environmental indicators Czechia

## Area under organic farming

Acceleration needed

Share (%)

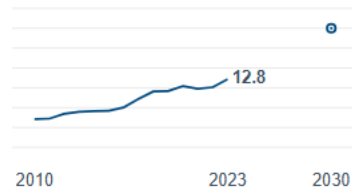


[Read more](#)

## Circular material use rate

Acceleration needed

Share (%)



[Read more](#)

## Climate-related economic losses

Wrong direction

Cost (EUR per capita)

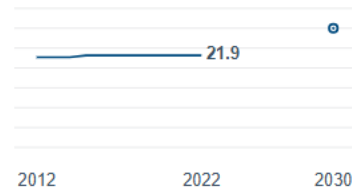


[Read more](#)

## Designated terrestrial protected areas

Acceleration needed

Share (%)

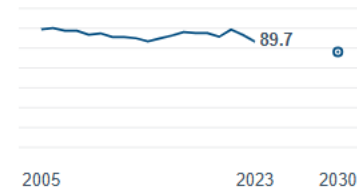


[Read more](#)

## Final energy consumption

Acceleration needed

Index 2005=100%

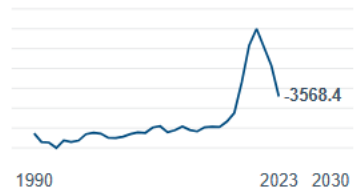


[Read more](#)

## Greenhouse gas emissions and removals in land and forests

Not assessed

kt CO<sub>2</sub>e



[Read more](#)

## Health impacts of air pollution

Not assessed

Index 2005=100%

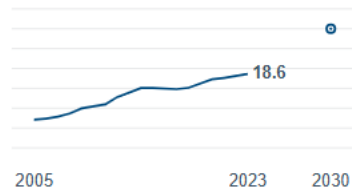


[Read more](#)

## Share of renewable energy in final energy consumption

Acceleration needed

Share (%)

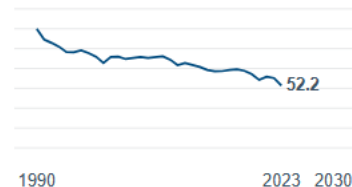


[Read more](#)

## Total greenhouse gas emissions (without LULUCF)

Not assessed

Index 1990=100%

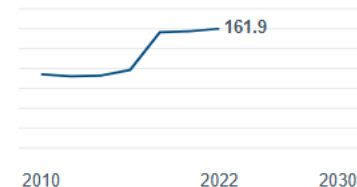


[Read more](#)

## Total waste generation

Wrong direction

Index 2010=100%

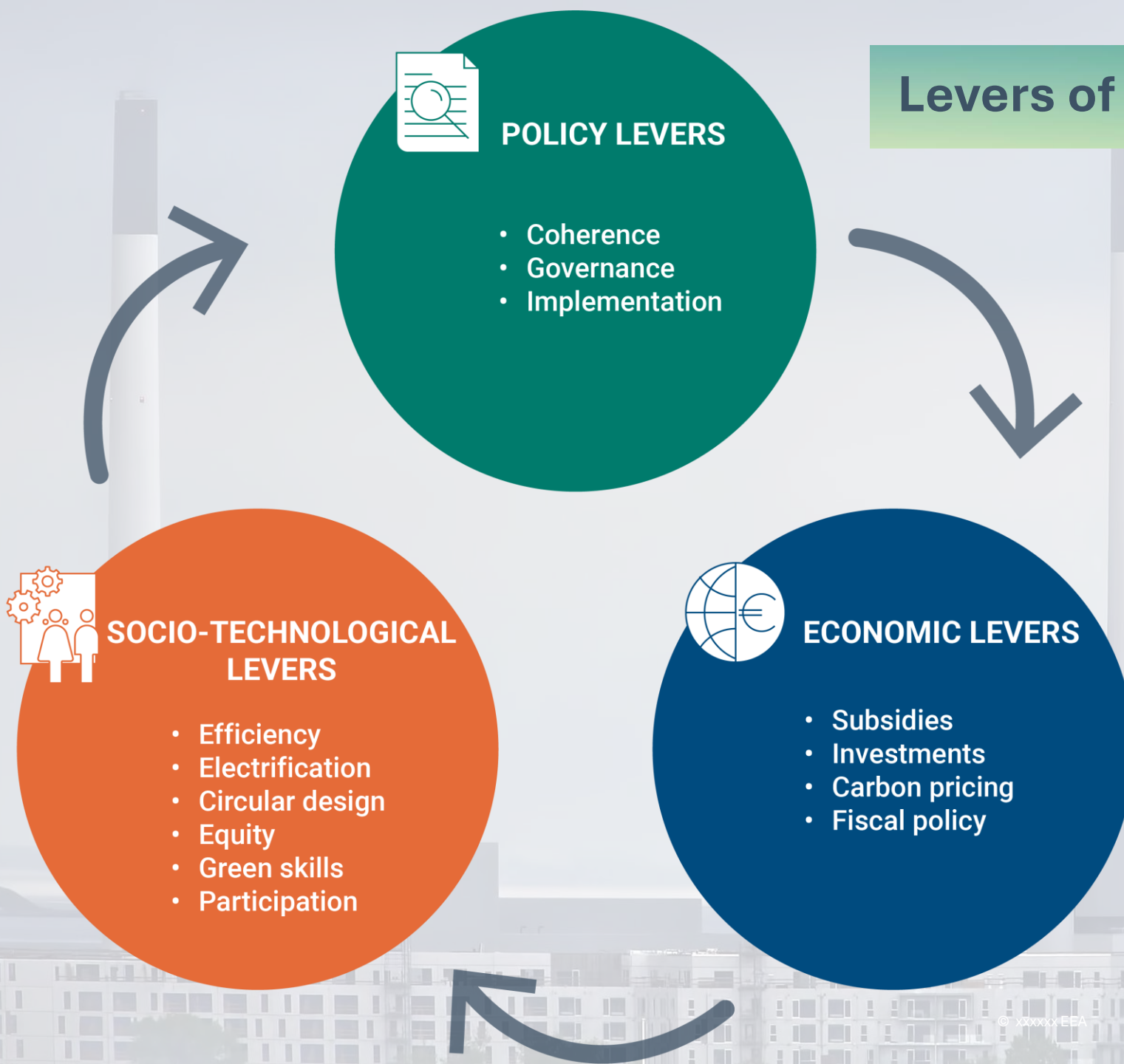


[Read more](#)





# Levers of change and reasons for hope





**Nature for security, competitiveness,  
resilience and prosperity**







European  
Environment  
Agency



Europe's  
environment  
2025

# Thank you

Leena Ylä-Mononen, EEA Executive Director,  
4 November 2025

