



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

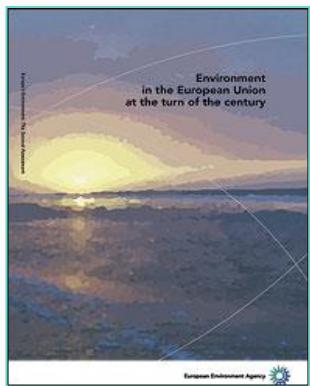
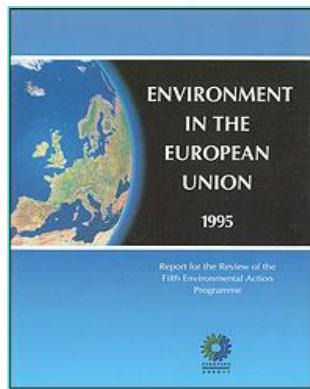
Support for EU and national policy



* 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



1995

2000

2005

2010

2015

2020

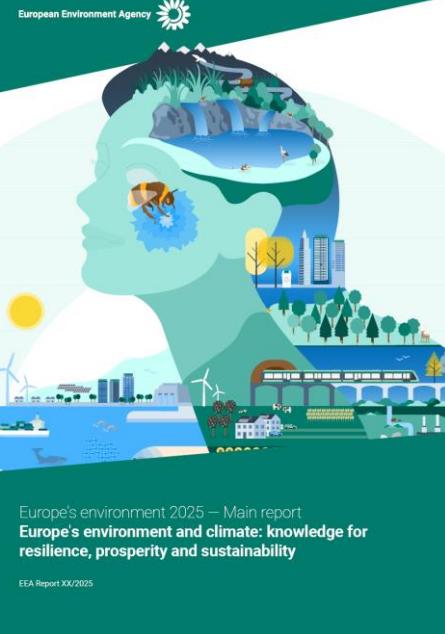
2025



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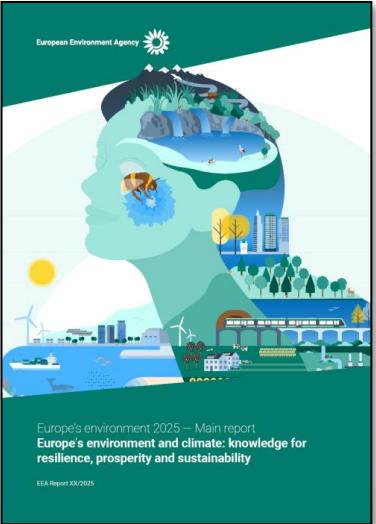


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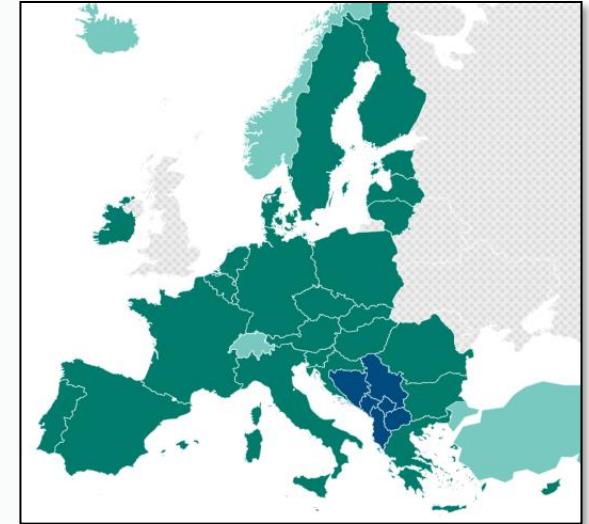
1.



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	

3.



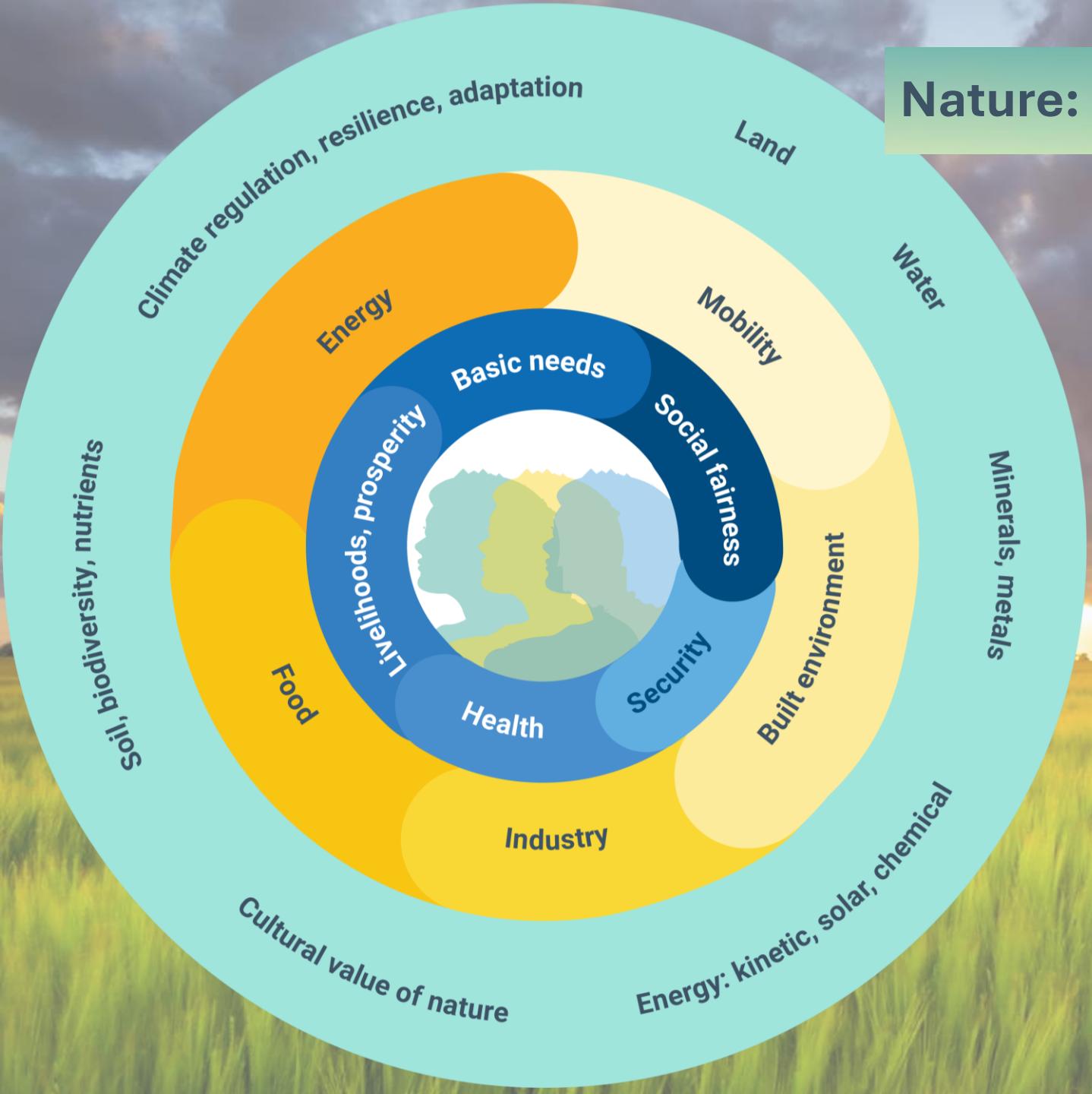
Main report

Thematic briefings

Country profiles



Nature: key to human health and prosperity

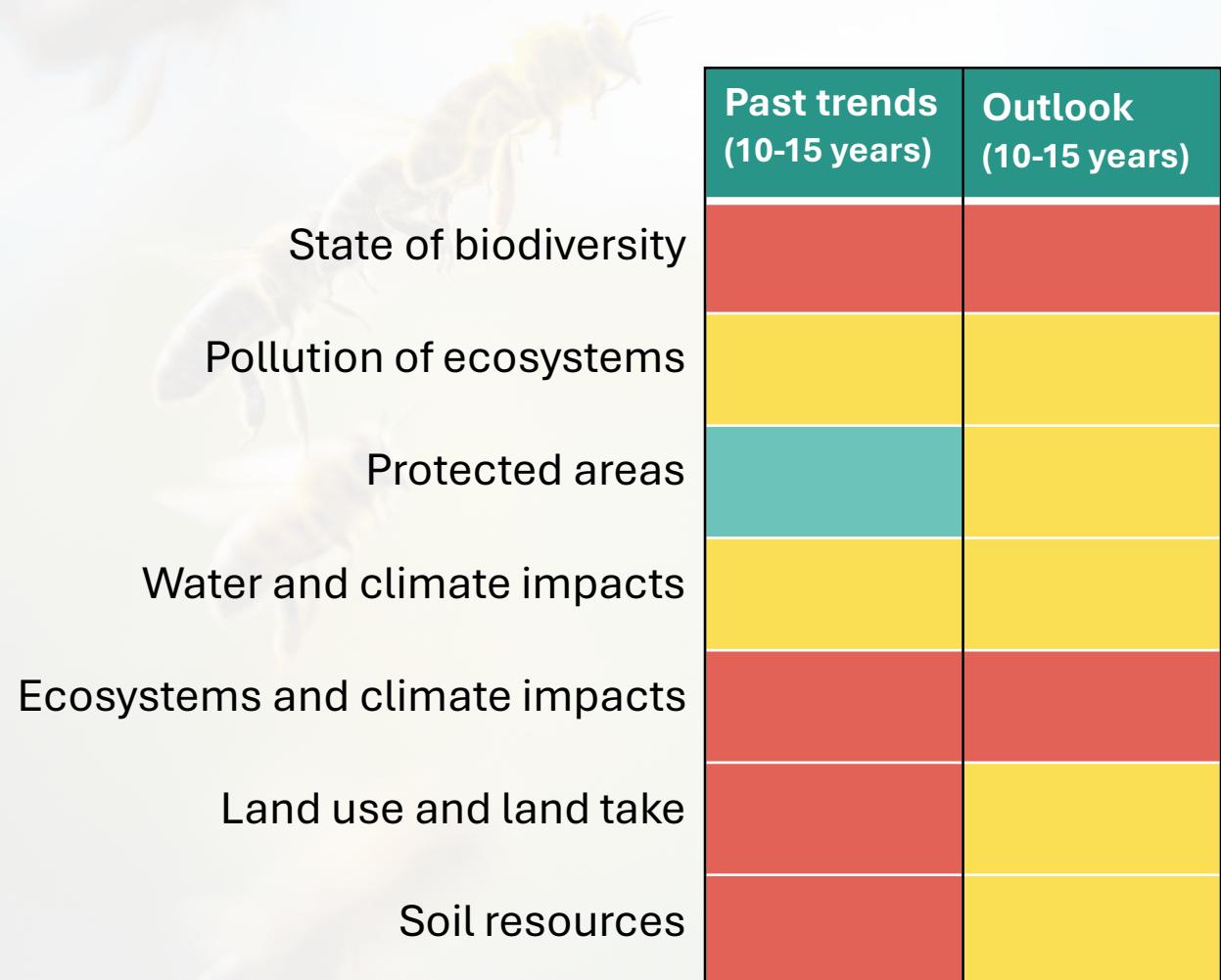


- Human needs to survive
- Production and consumption systems
- Environmental assets

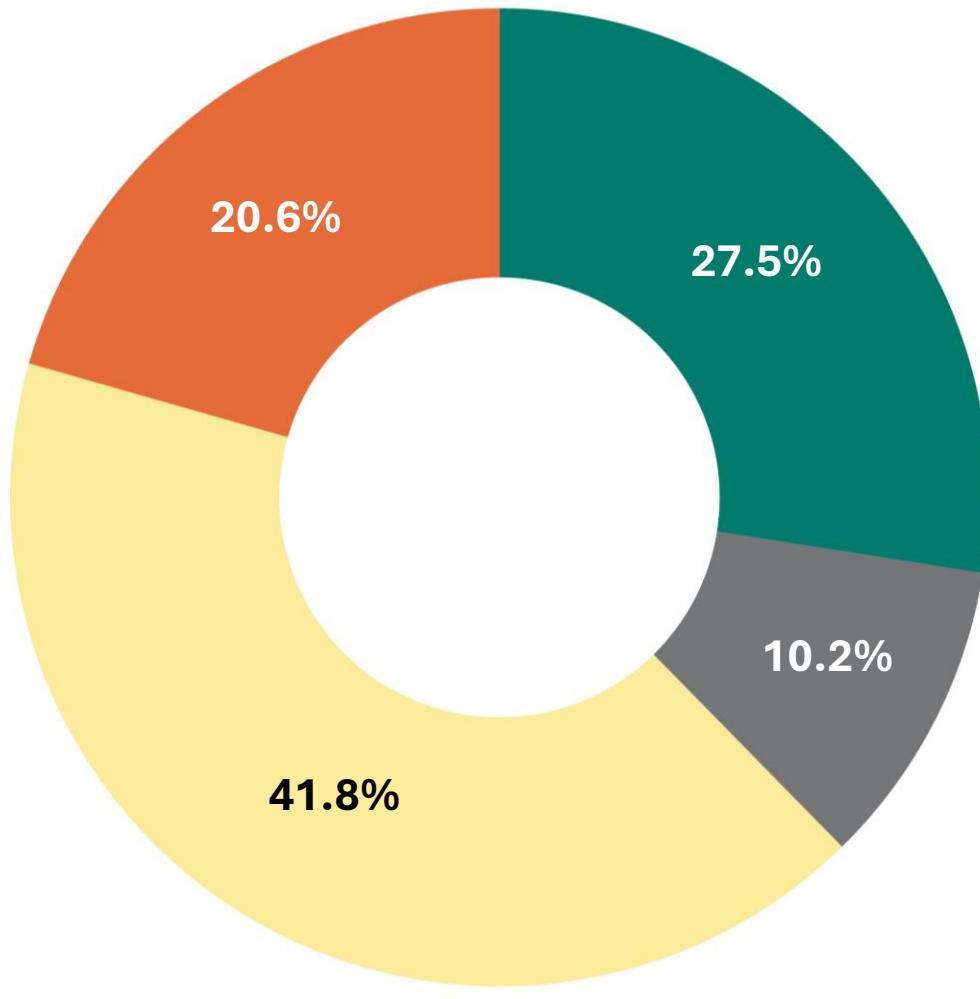


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Europe's environment: biodiversity and ecosystems

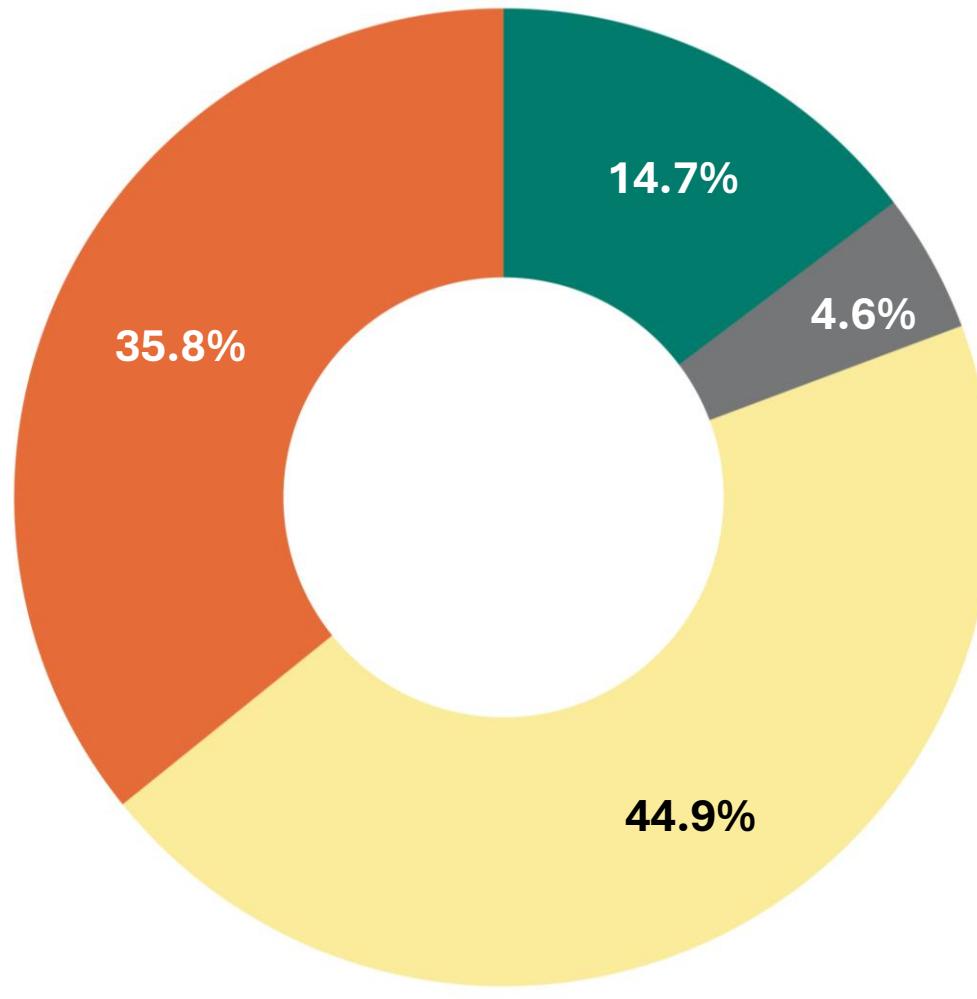


Biodiversity in decline



Conservation status of species

Source: [EEA, 2020](#)

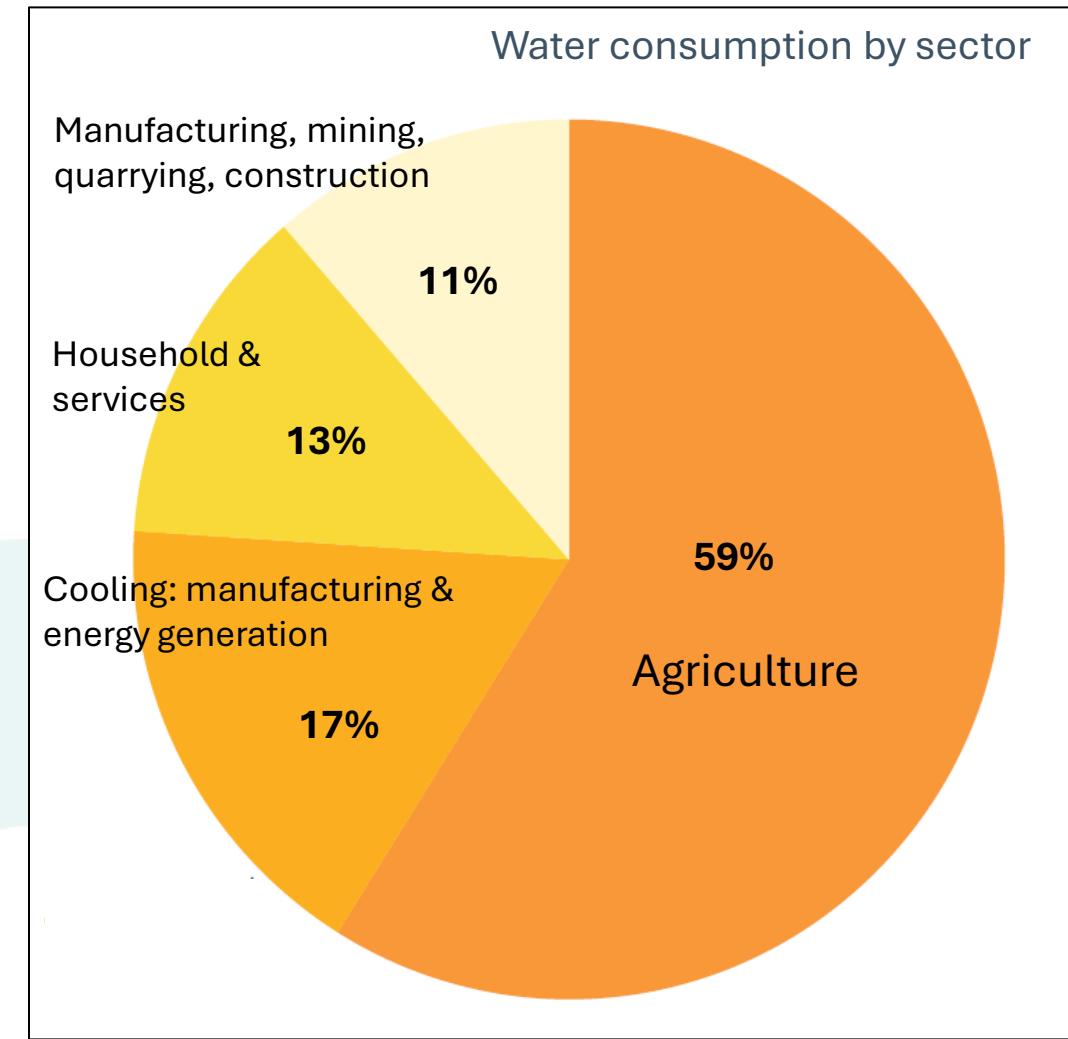


Conservation status of habitats

Water resources under pressure



Source: [EEA, 2025](#)



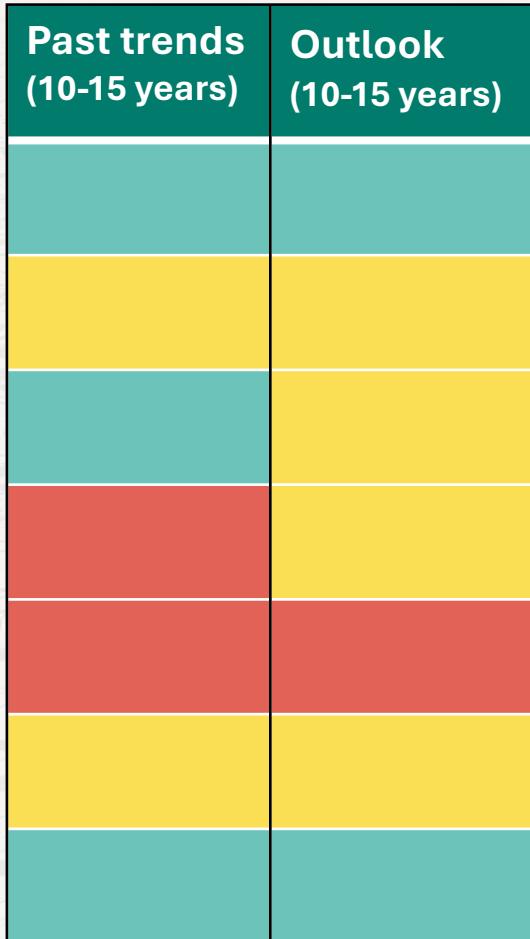
Source: [EEA, 2024](#)



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Europe's environment: climate change

- Greenhouse gas emissions
- Mobility system trends
- Energy system trends
- CO₂ storage in forests/land
- Climate risks to economy
- Climate risks to society
- Climate change governance



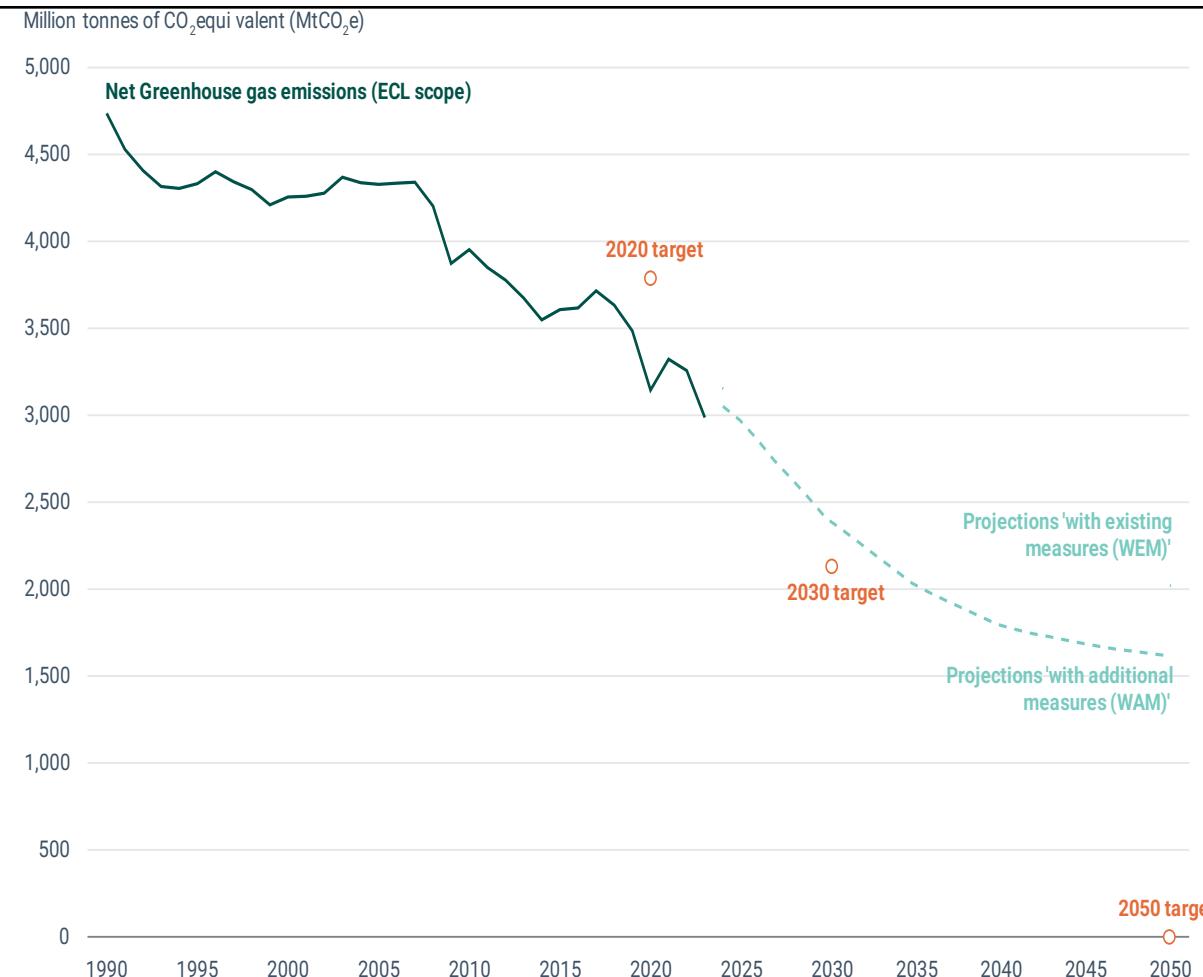
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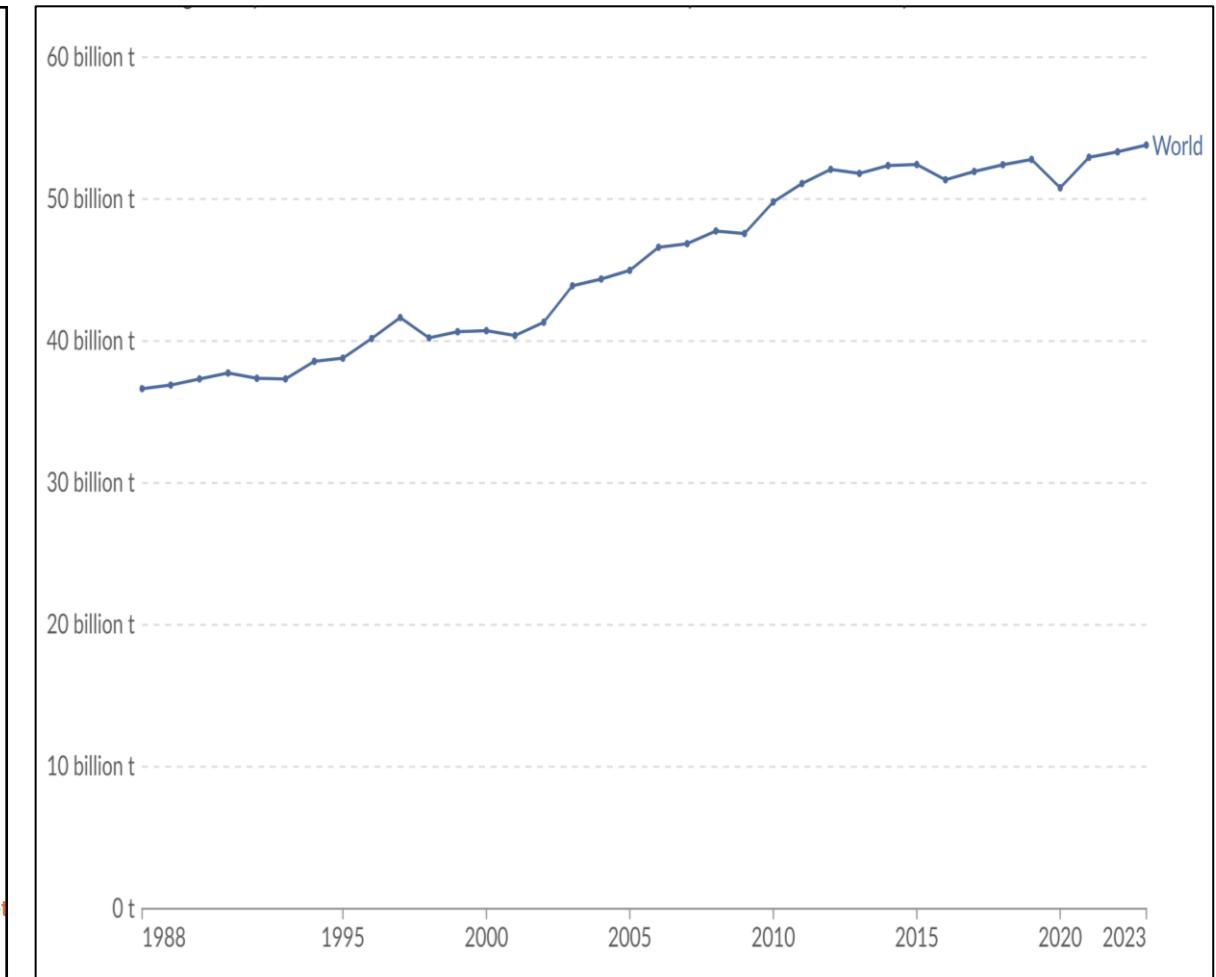
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Good progress on GHG emissions in Europe, but rising globally

EU domestic GHG emissions -37% since 1990



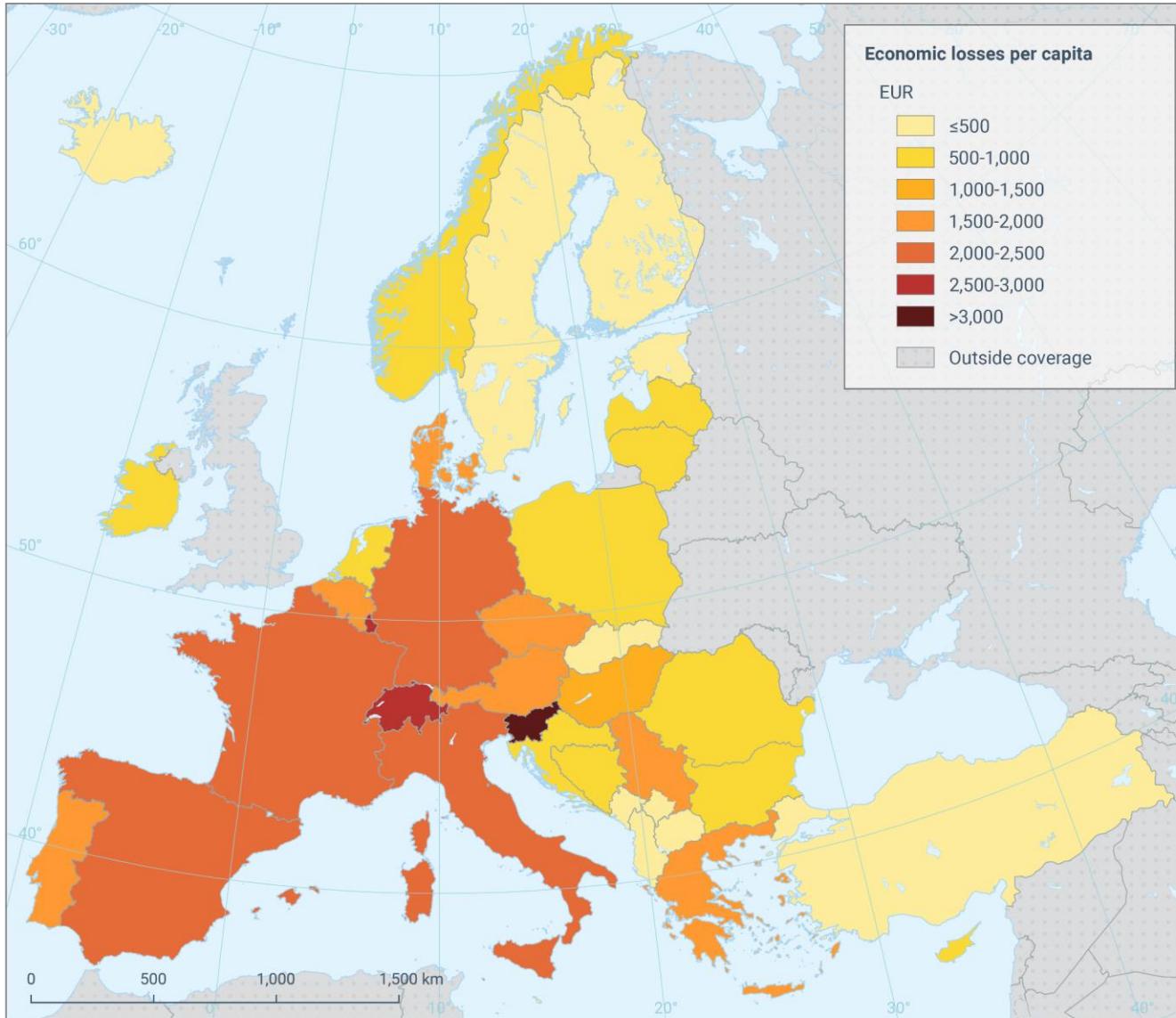
Global GHG emissions continue to rise



Source: [EEA, 2025](#)

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

Climate change drives economic losses



Total economic losses from climate change per capita 1980-2023



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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		

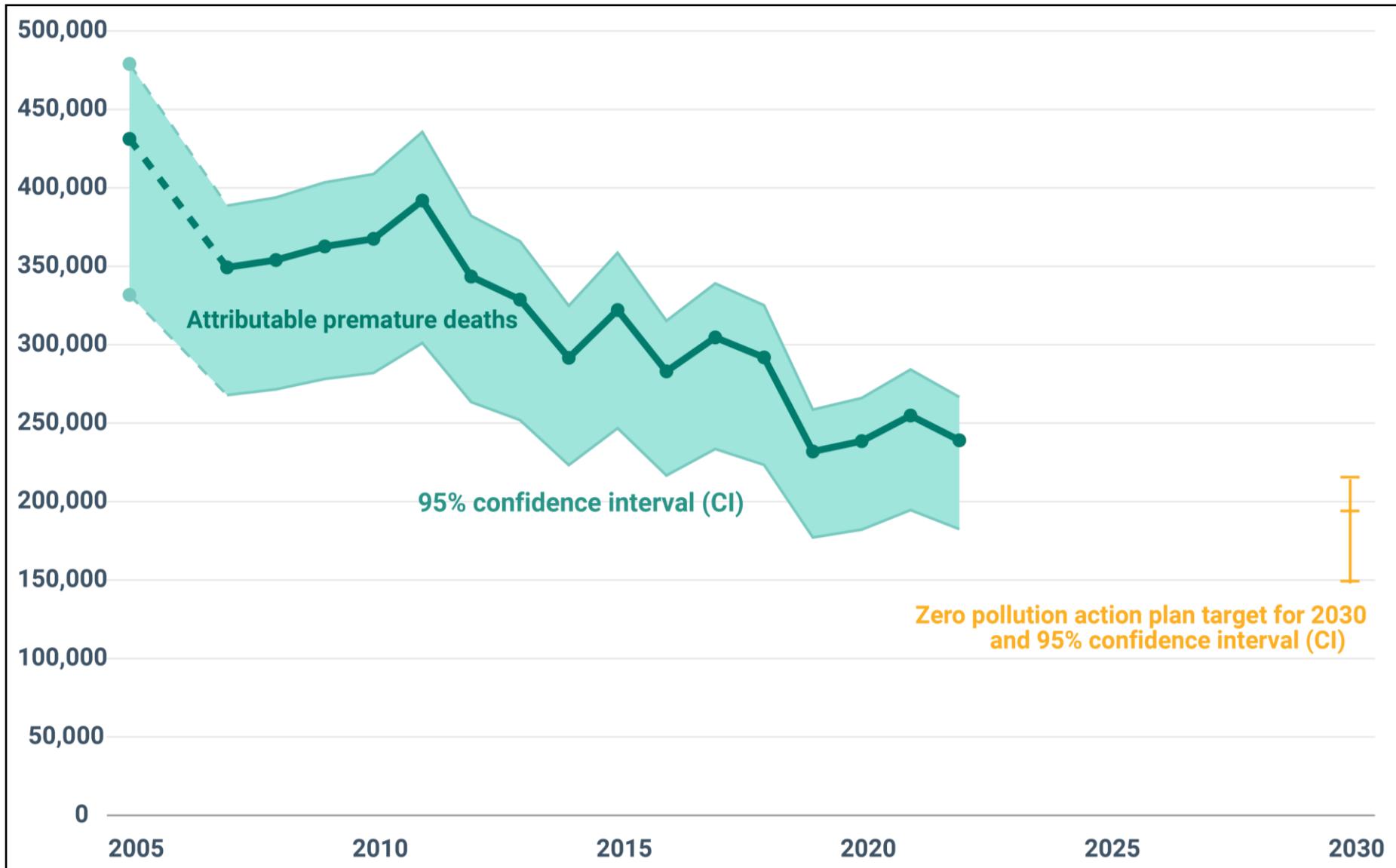


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EU air quality policies are saving lives



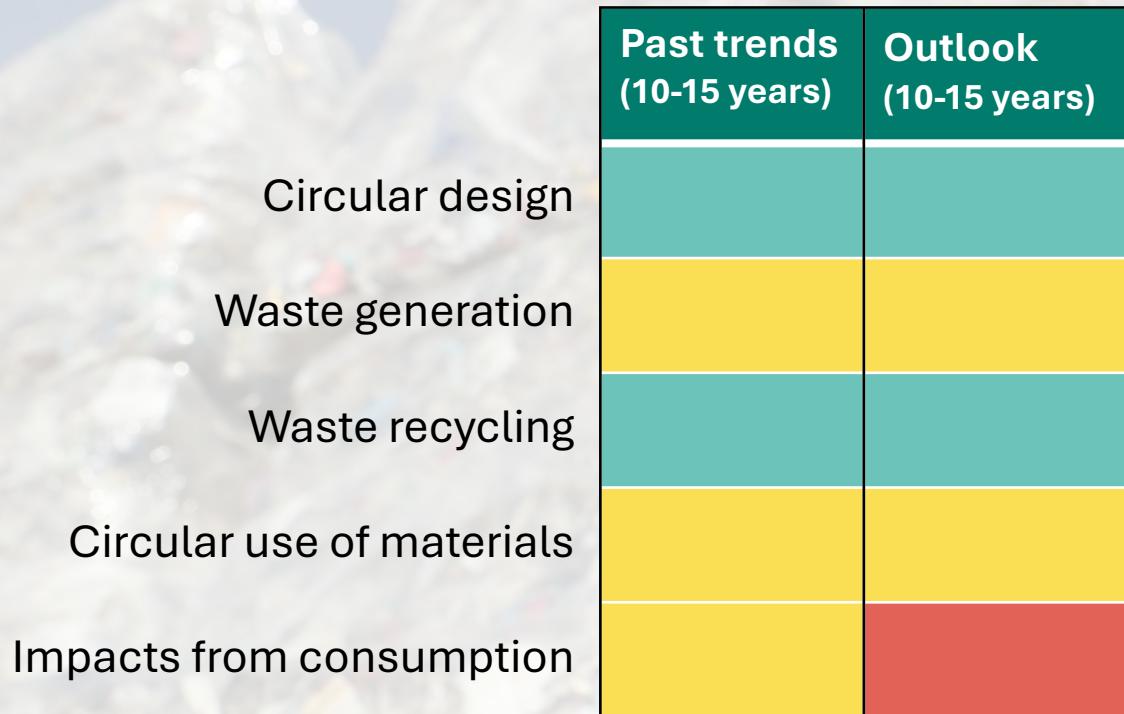
Premature deaths
attributable to exposure
to fine particulate matter
(PM_{2.5}), EU-27, 2005-2022

Source: [EEA, 2025](#)

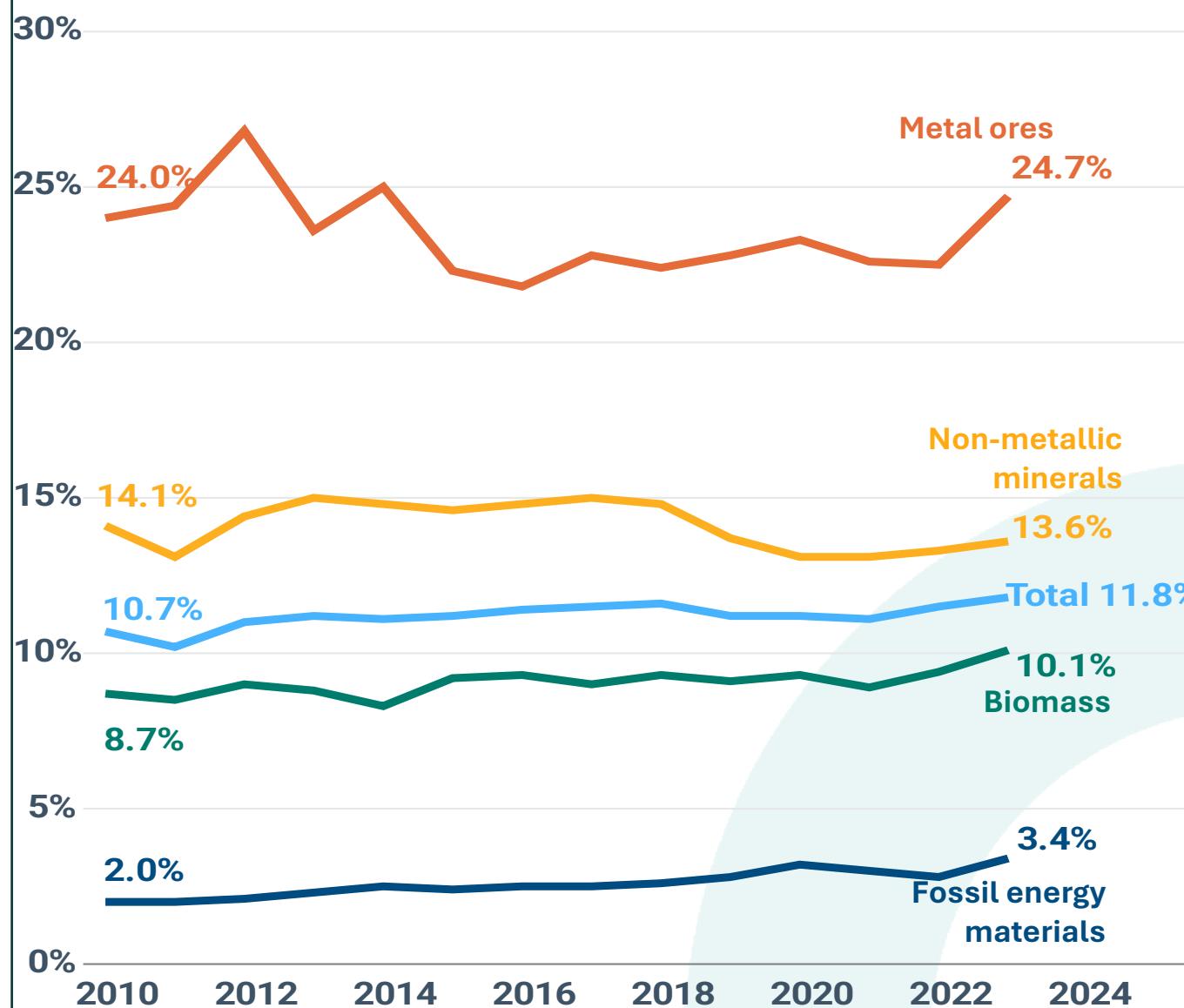


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Europe's environment: circular economy



Circularity in Europe is stagnating



Trends in circular material use rates,
by material

Source: [Eurostat, 2024](#)



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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

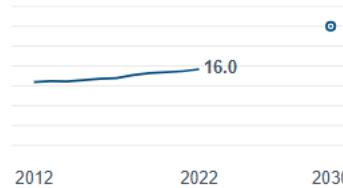


Environmental indicators Czechia

Area under organic farming

Acceleration needed

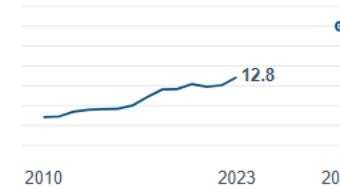
Share (%)

[Read more](#)

Circular material use rate

Acceleration needed

Share (%)

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Climate-related economic losses

Wrong direction

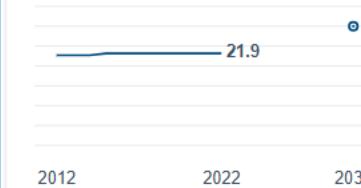
Cost (EUR per capita)

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Designated terrestrial protected areas

Acceleration needed

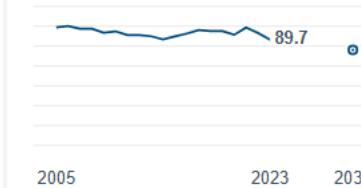
Share (%)

[Read more](#)

Final energy consumption

Acceleration needed

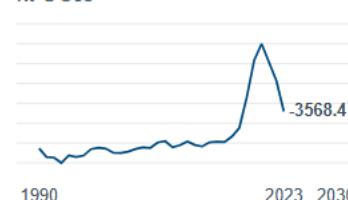
Index 2005=100%

[Read more](#)

Greenhouse gas emissions and removals in land and forests

Not assessed

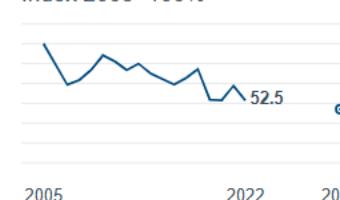
kt CO₂e

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Health impacts of air pollution

Not assessed

Index 2005=100%

[Read more](#)

Share of renewable energy in final energy consumption

Acceleration needed

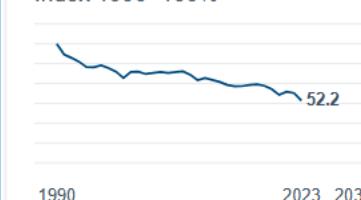
Share (%)

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Total greenhouse gas emissions (without LULUCF)

Not assessed

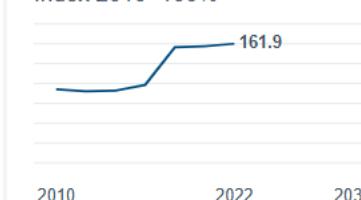
Index 1990=100%

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Total waste generation

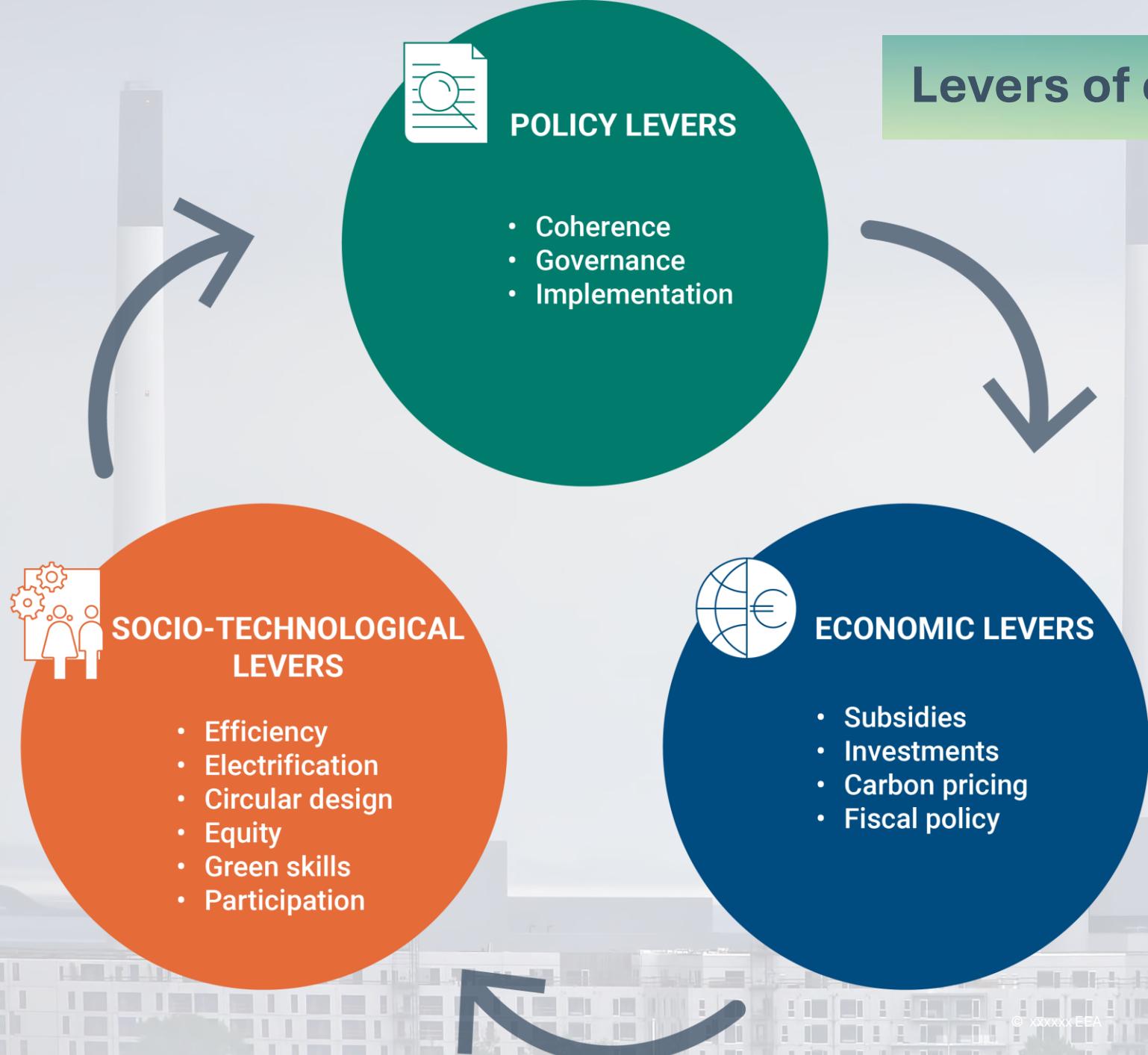
Wrong direction

Index 2010=100%

[Read more](#)



Levers of change and reasons for hope



Nature for security, competitiveness,
resilience and prosperity.





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Thank you

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

