



European
Environment
Agency



Europe's
environment
2025

Europe's environment 2025

Knowledge for resilience,
prosperity and sustainability

Milan Chrenko, EEA

Bratislava, 7 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

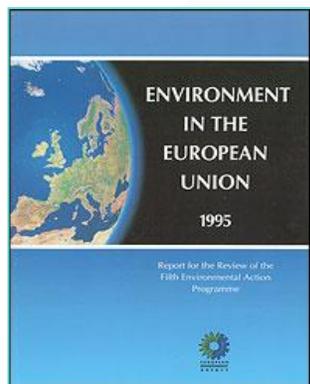
Support for EU and national policy



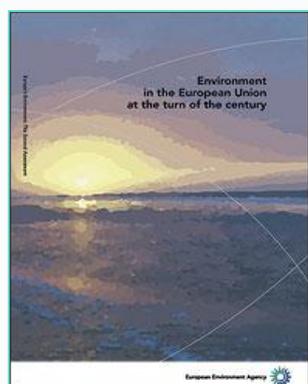
* This designation is without prejudice to positions on status and is in line with UNSCR 1244/99 and the ICJ Opinion on the Kosovo Declaration of Independence.



30 years state of environment reporting



1995



2000



2005



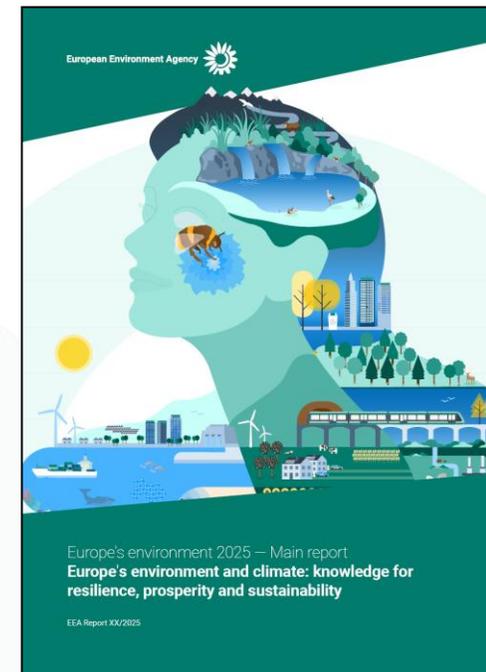
2010



2015



2020



2025



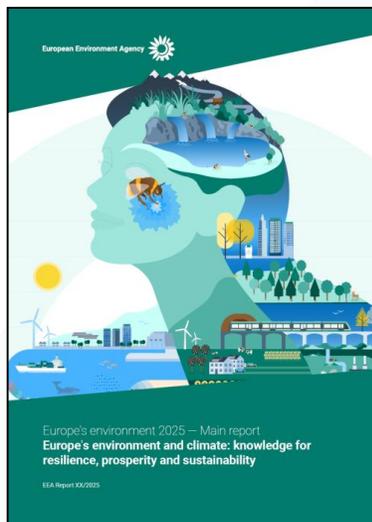
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1.



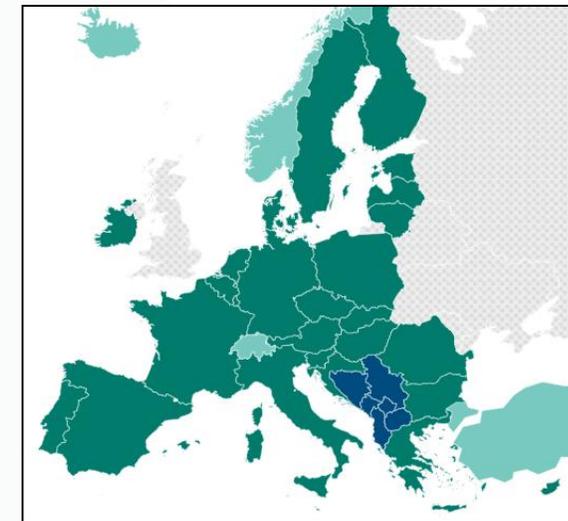
Main report

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

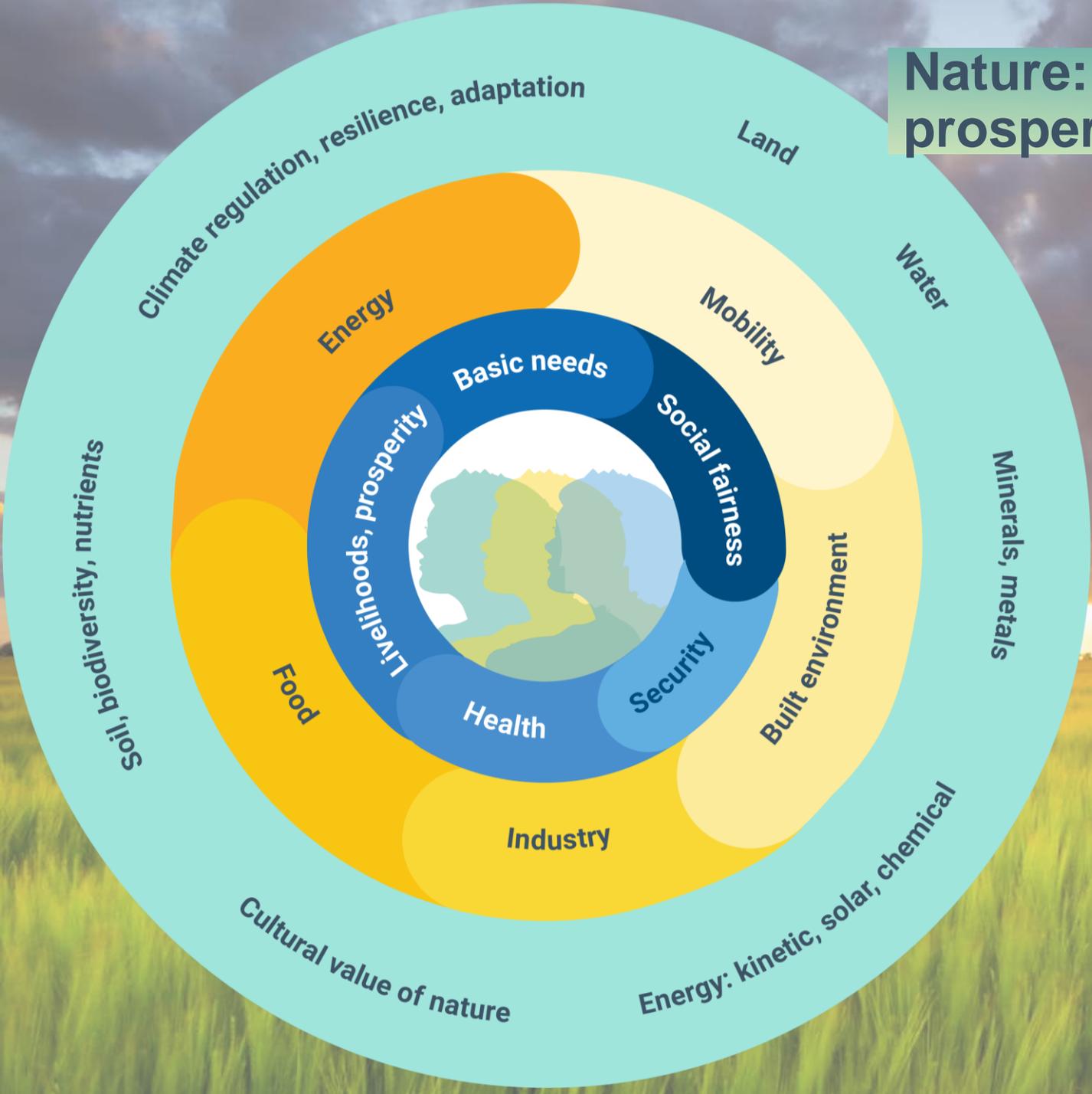
3.



Country profiles



Nature: key to human health and prosperity



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





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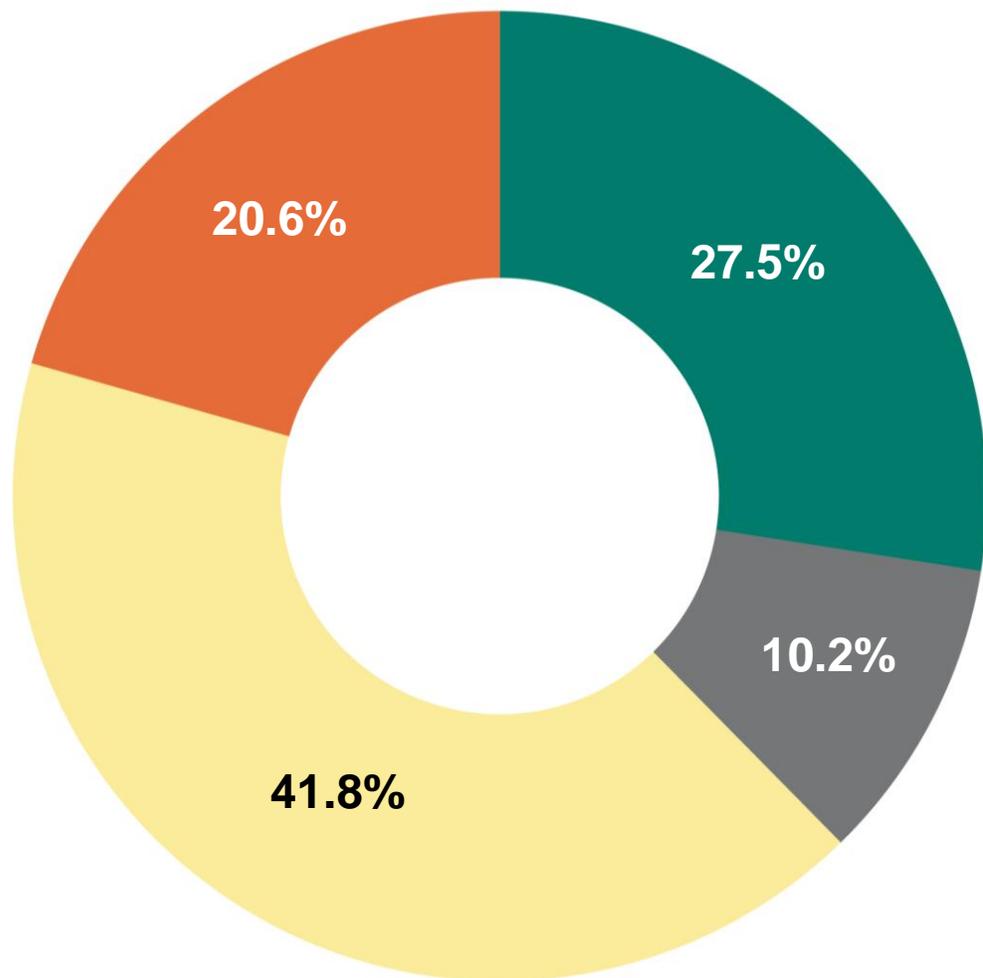
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Europe's environment: biodiversity and ecosystems

	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

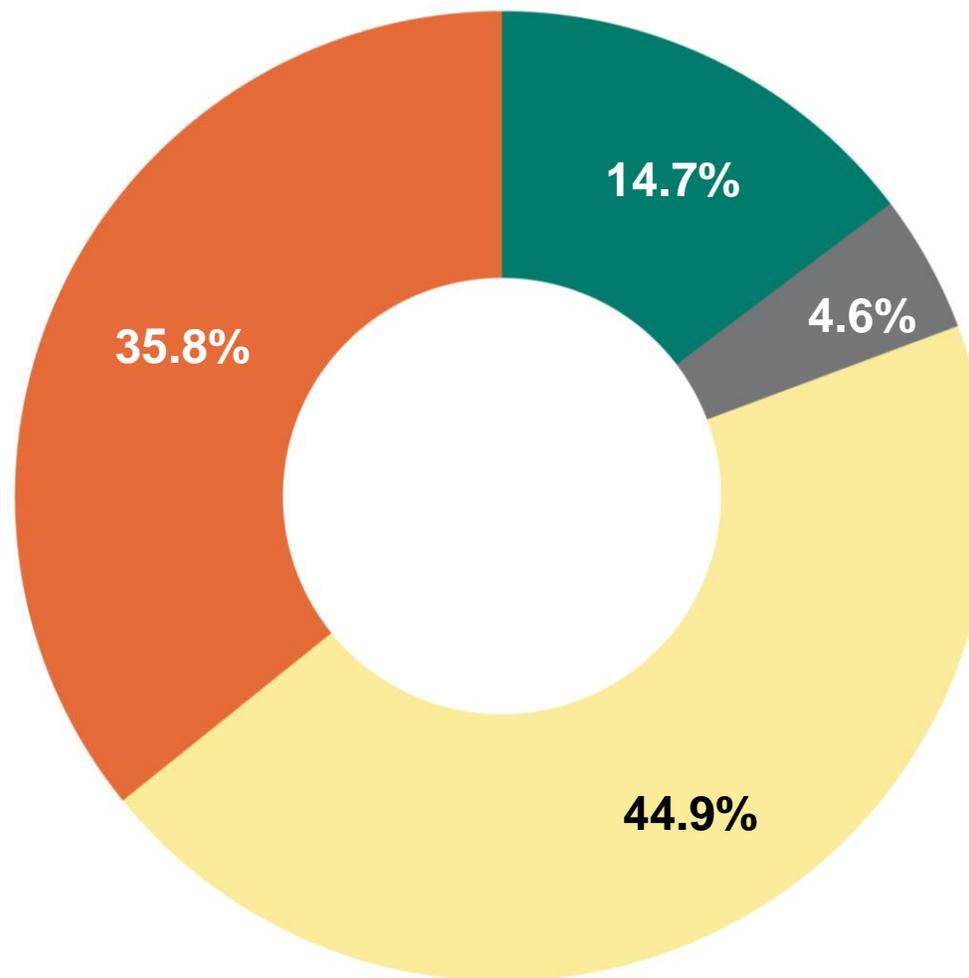


Biodiversity in decline



Conservation status of species

Source: [EEA, 2020](#)



Conservation status of habitats

- Good
- Poor
- Bad
- Unknown

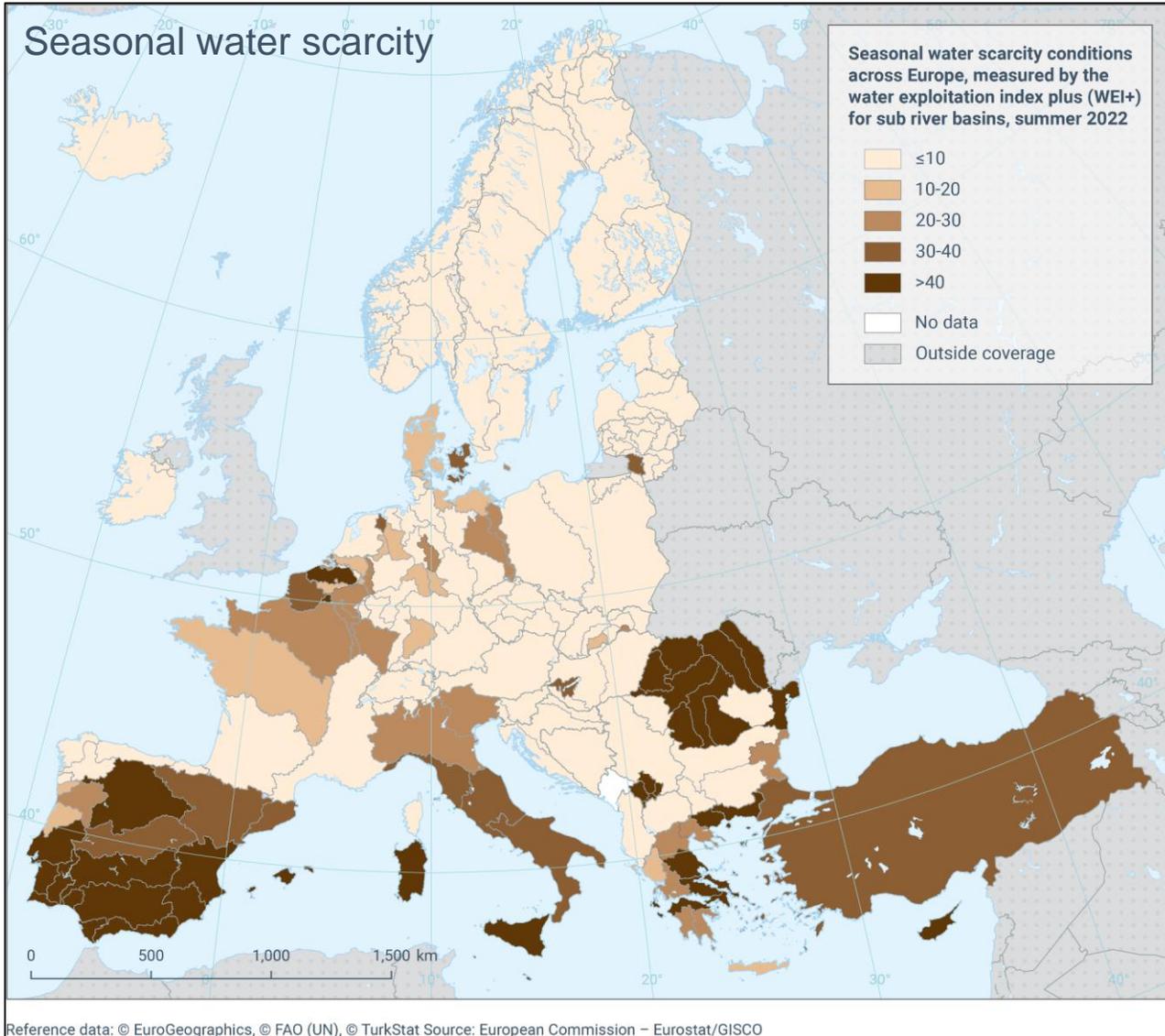


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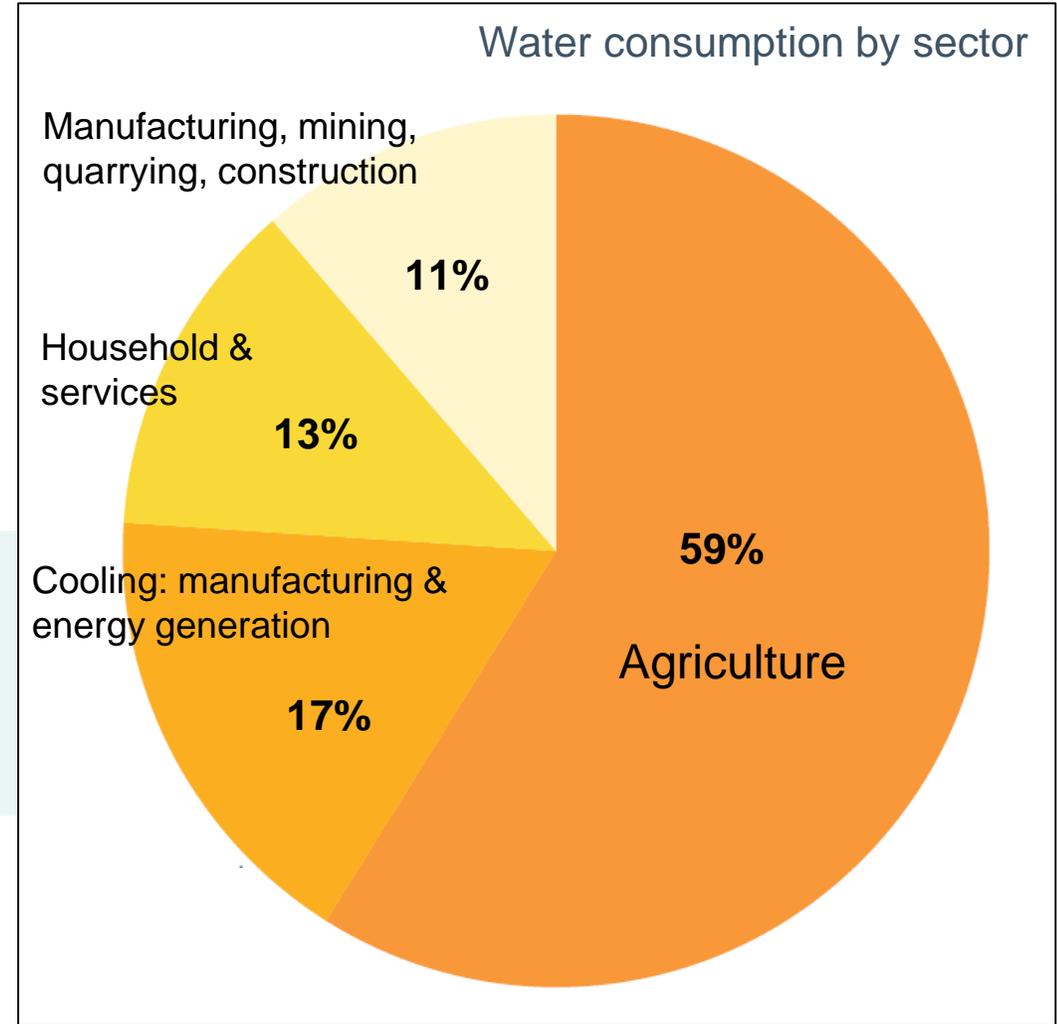


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Water resources under pressure



Source: [EEA, 2025](#)



Source: [EEA, 2024](#)



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Europe's environment: climate change

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



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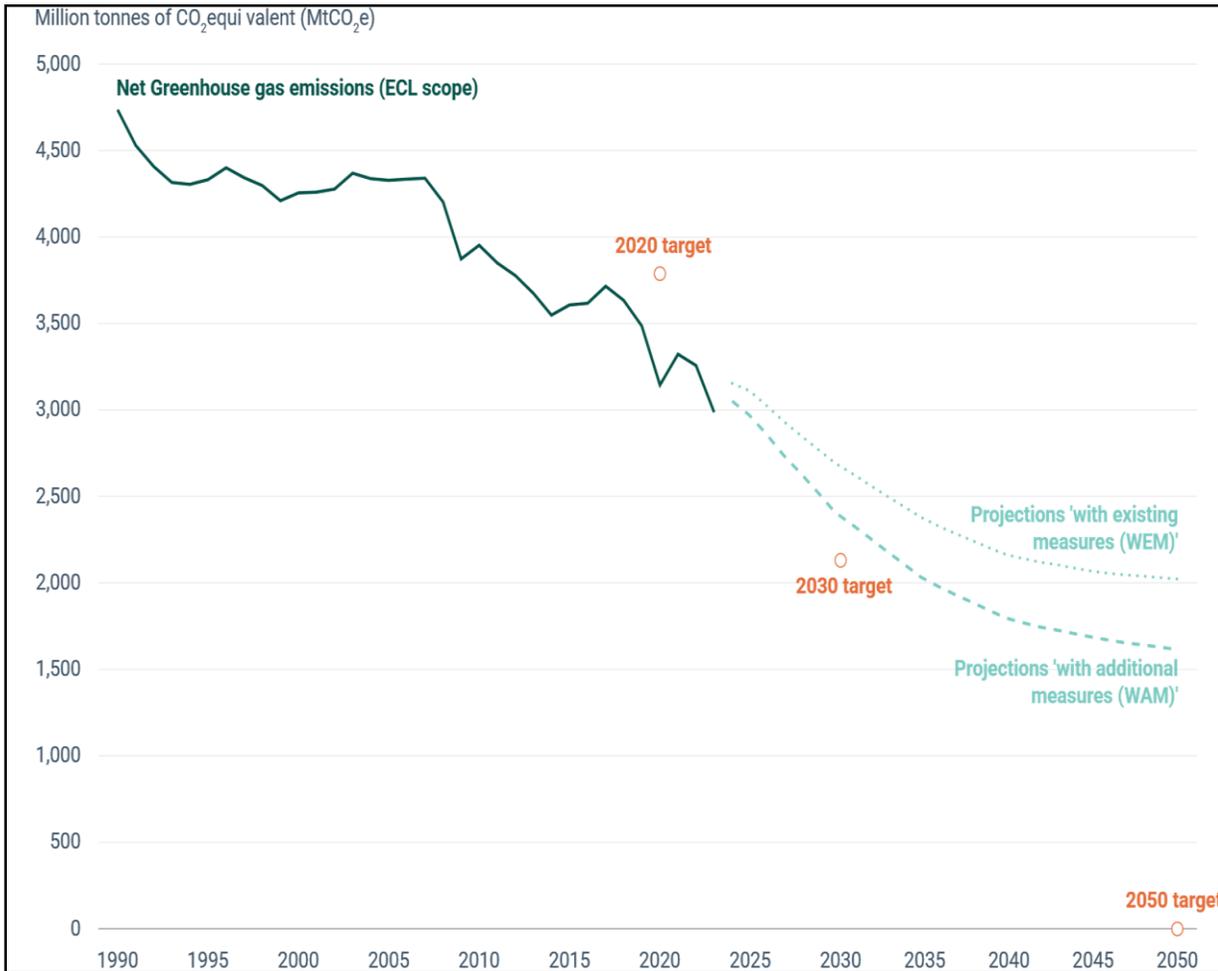
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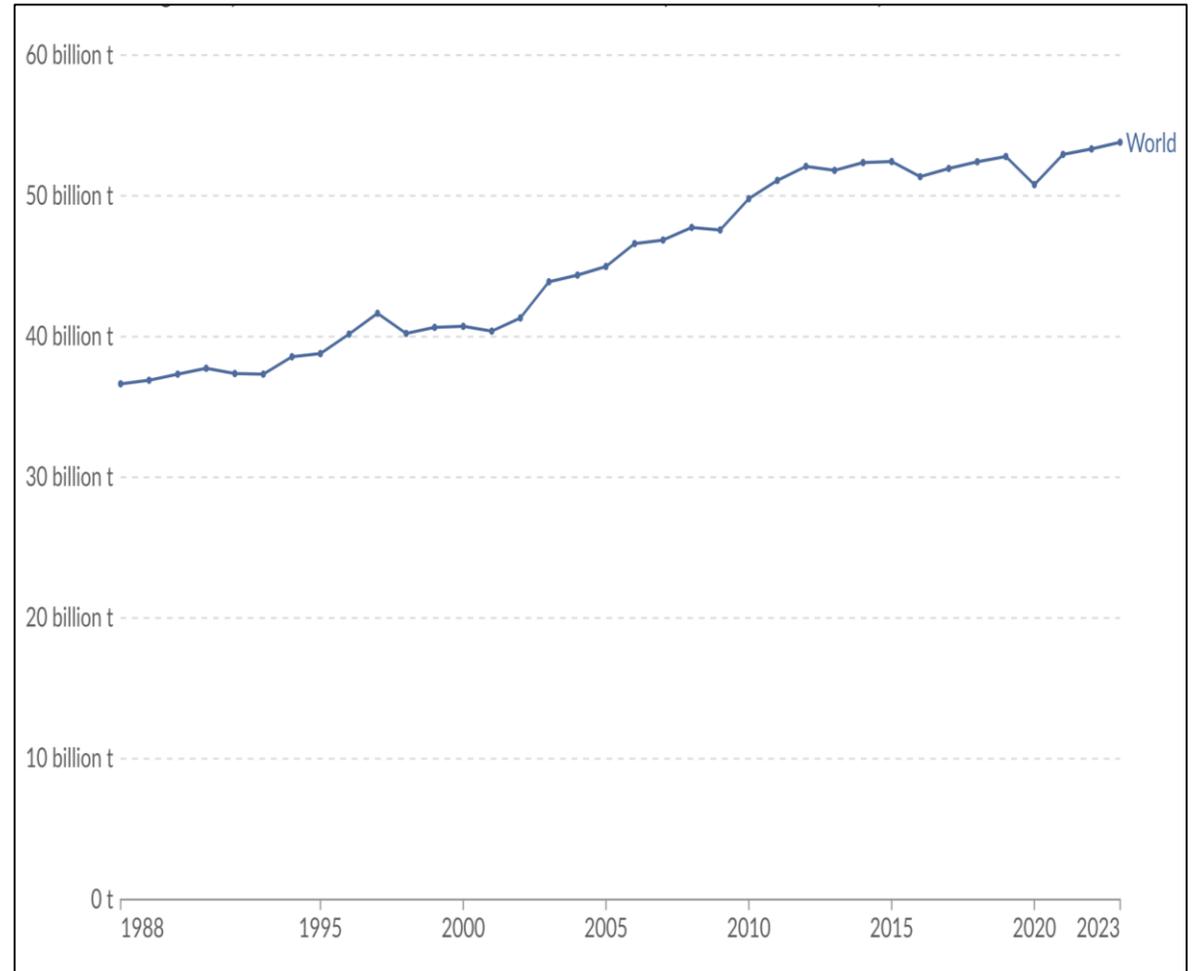
Good progress on GHG emissions in Europe, but rising globally

EU domestic GHG emissions -37% since 1990



Source: [EEA, 2025](#)

Global GHG emissions continue to rise



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

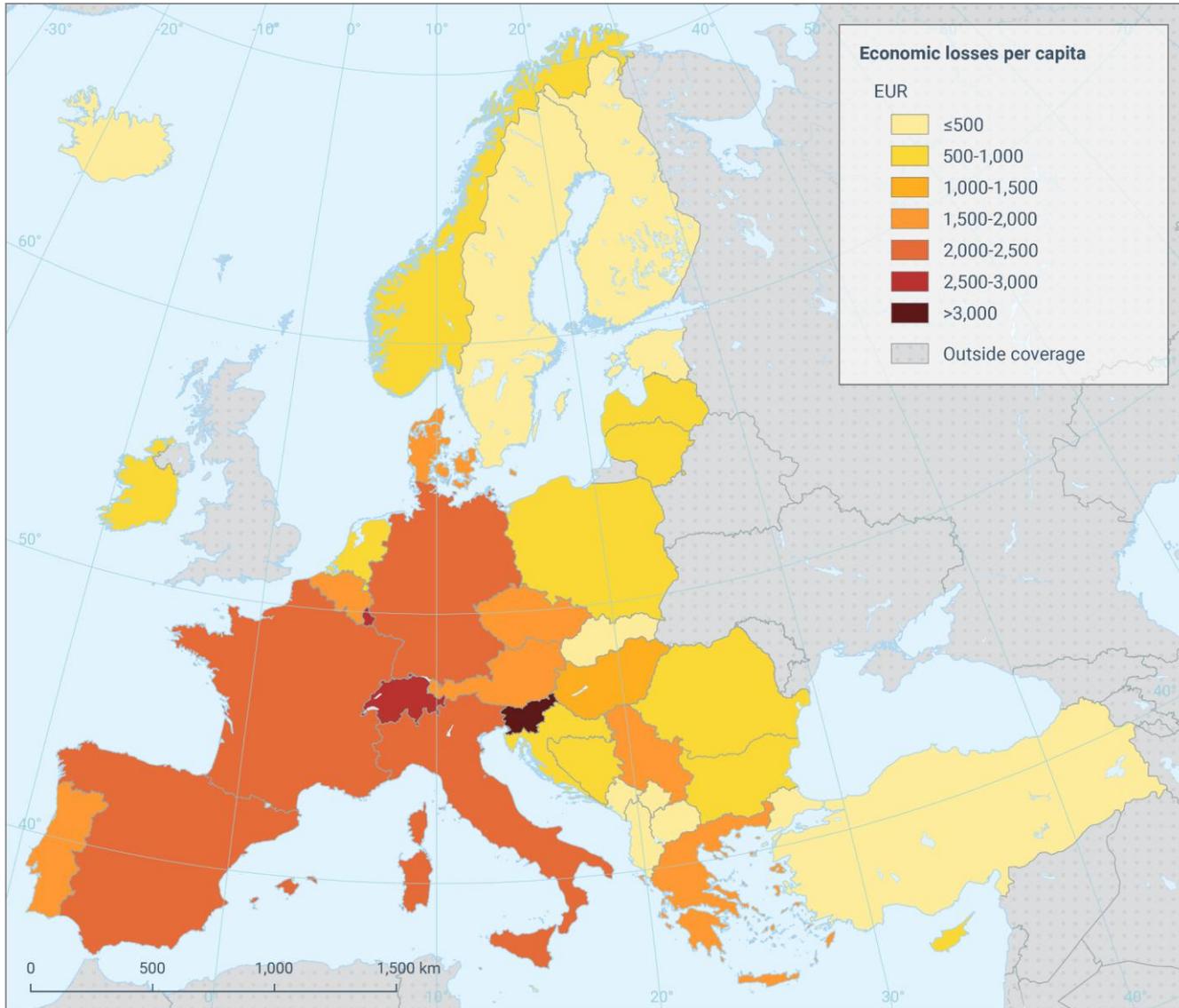


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Climate change drives economic losses



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	Yellow	Yellow
Air pollution & health	Yellow	Yellow
Environmental noise & health	Yellow	Yellow
Water pollution & health	Yellow	Red
Chemical pollution & health	Red	Yellow
Air pollution & health inequalities	Yellow	Yellow

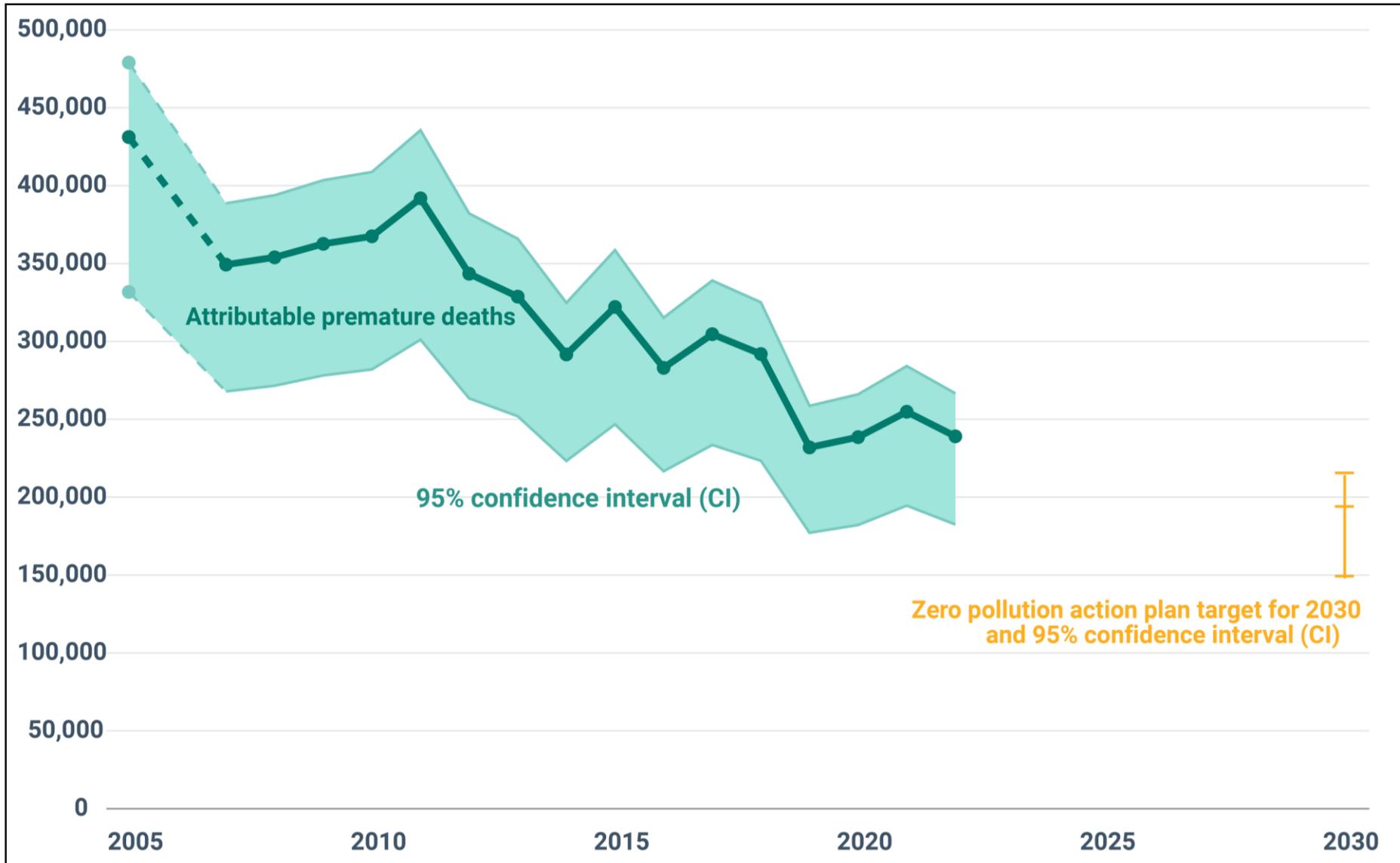


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EU air quality policies are saving lives



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

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



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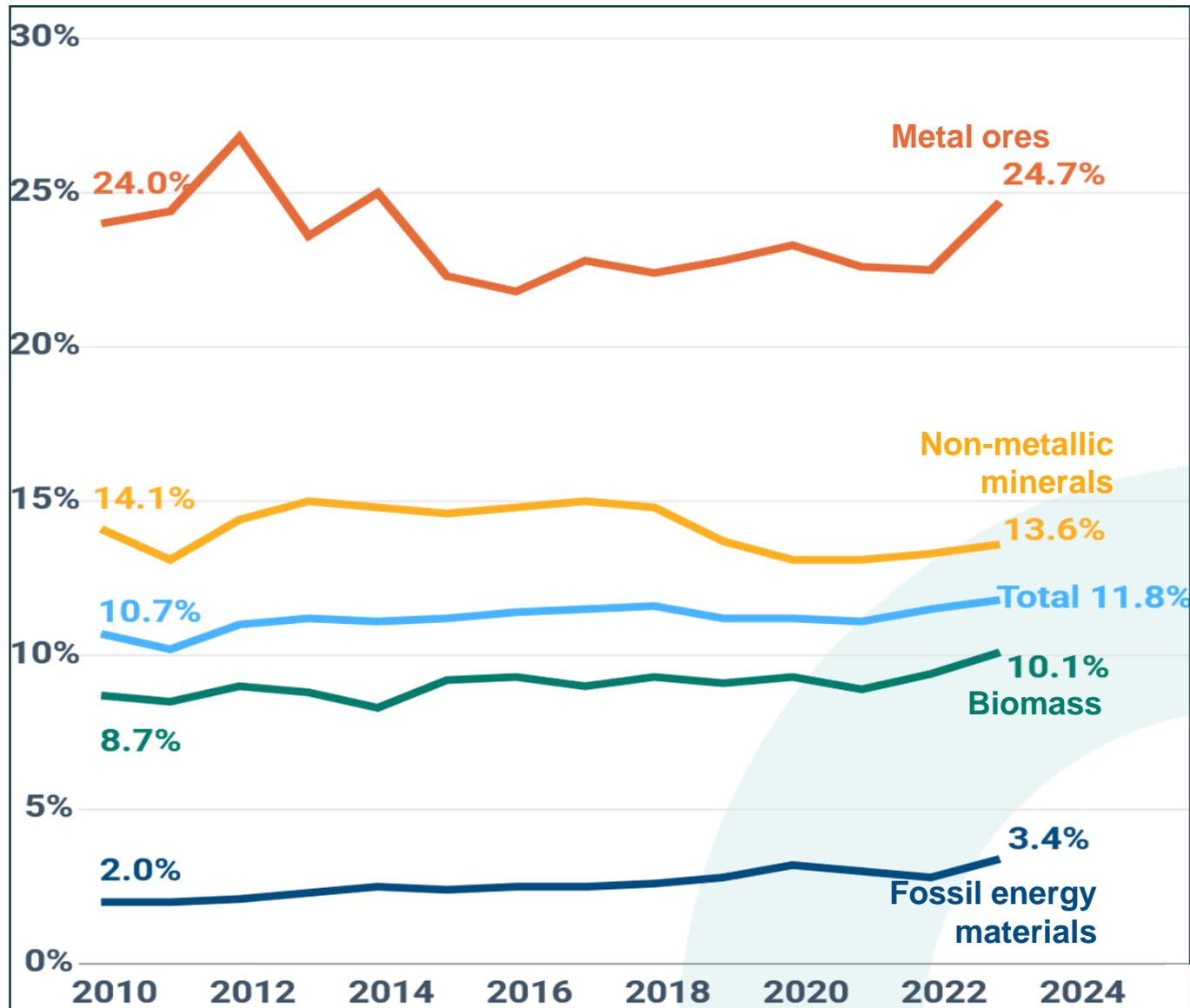


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Circularity in Europe is stagnating



Trends in circular material use rates, by material

Source: [Eurostat, 2024](#)

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

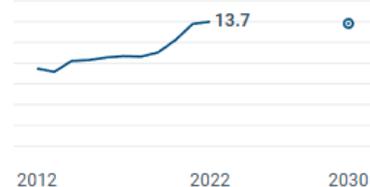


Environmental indicators Slovakia

Area under organic farming

Achieved

Share (%)

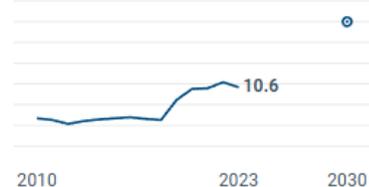


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Circular material use rate

Acceleration needed

Share (%)

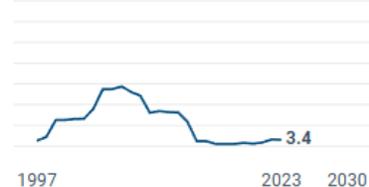


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Climate-related economic losses

Wrong direction

Cost (EUR per capita)

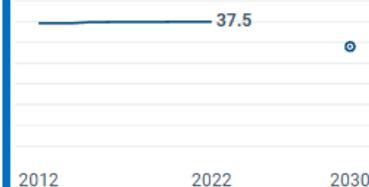


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Designated terrestrial protected areas

Achieved

Share (%)

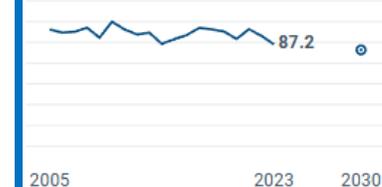


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Final energy consumption

On track

Index 2005=100%

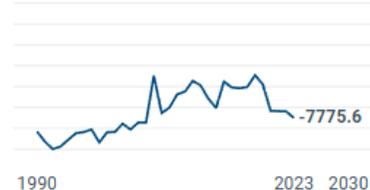


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Greenhouse gas emissions and removals in land and forests

Not assessed

kt CO₂e

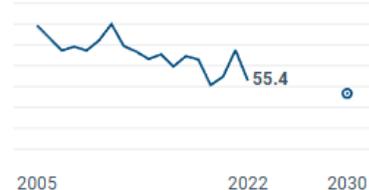


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Health impacts of air pollution

Not assessed

Index 2005=100%

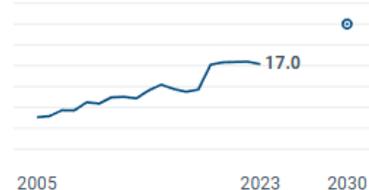


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Share of renewable energy in final energy consumption

Acceleration needed

Share (%)

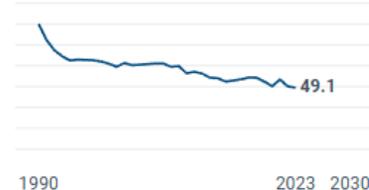


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Total greenhouse gas emissions (without LULUCF)

Not assessed

Index 1990=100%

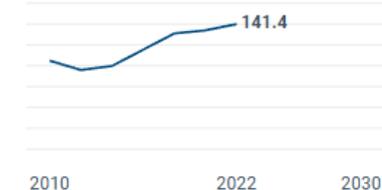


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Total waste generation

Wrong direction

Index 2010=100%



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Levers of change and reasons for hope



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





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Thank you

www.eea.europa.eu/en/newsroom/news/state-of-europes-environment-2025

Milan Chrenko, EEA

Bratislava, 7 November 2025

