

Building Europe's Resilience in an Unstable World

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European Environment Agency

EEA & Eionet: a networking organisation

What we are



More than
550 institutions



Organised in
27 groups



Around
3,500 experts



Supported by
experts in
7 European
Topic Centres

What we do

Delivering data, information and knowledge

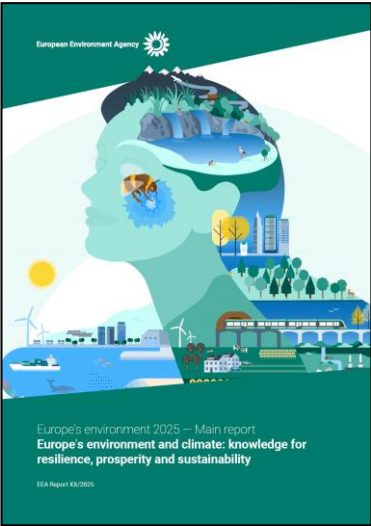
Europe's environment

Support for EU and national policy



Europe's environment 2025 comprises three parts

1.



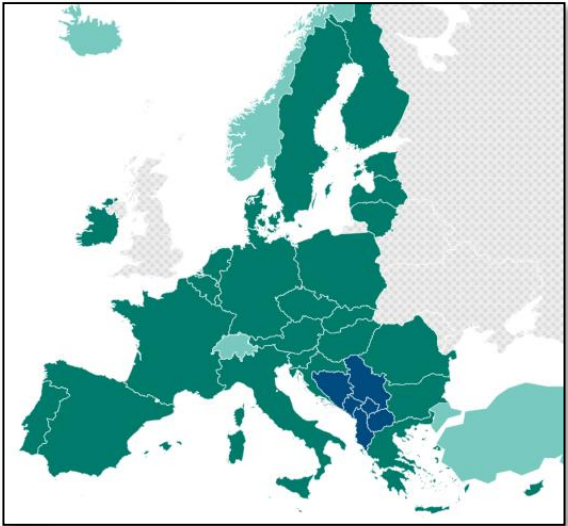
Main
report

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

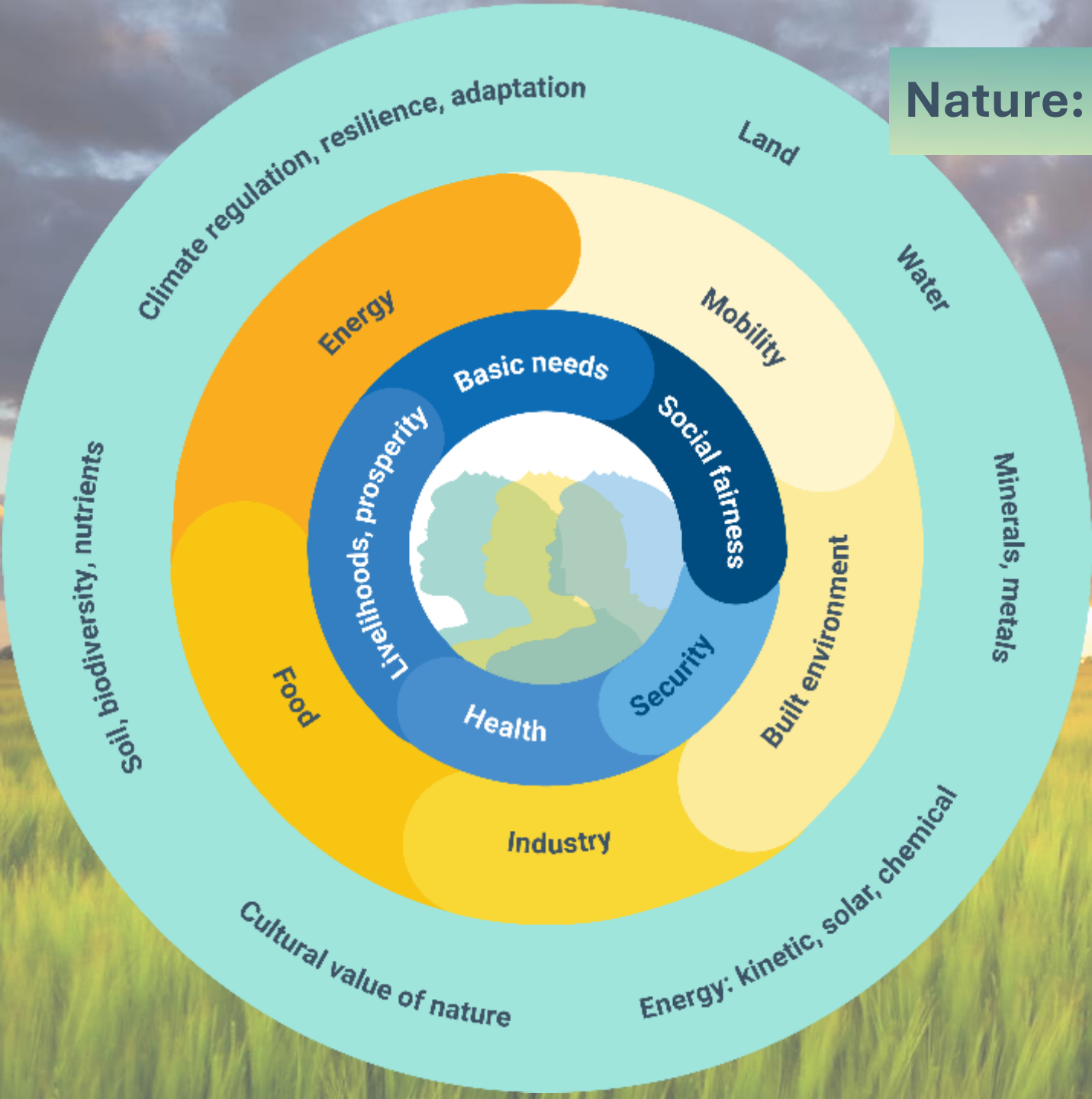


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environment
2025

Nature: key to human health and prosperity



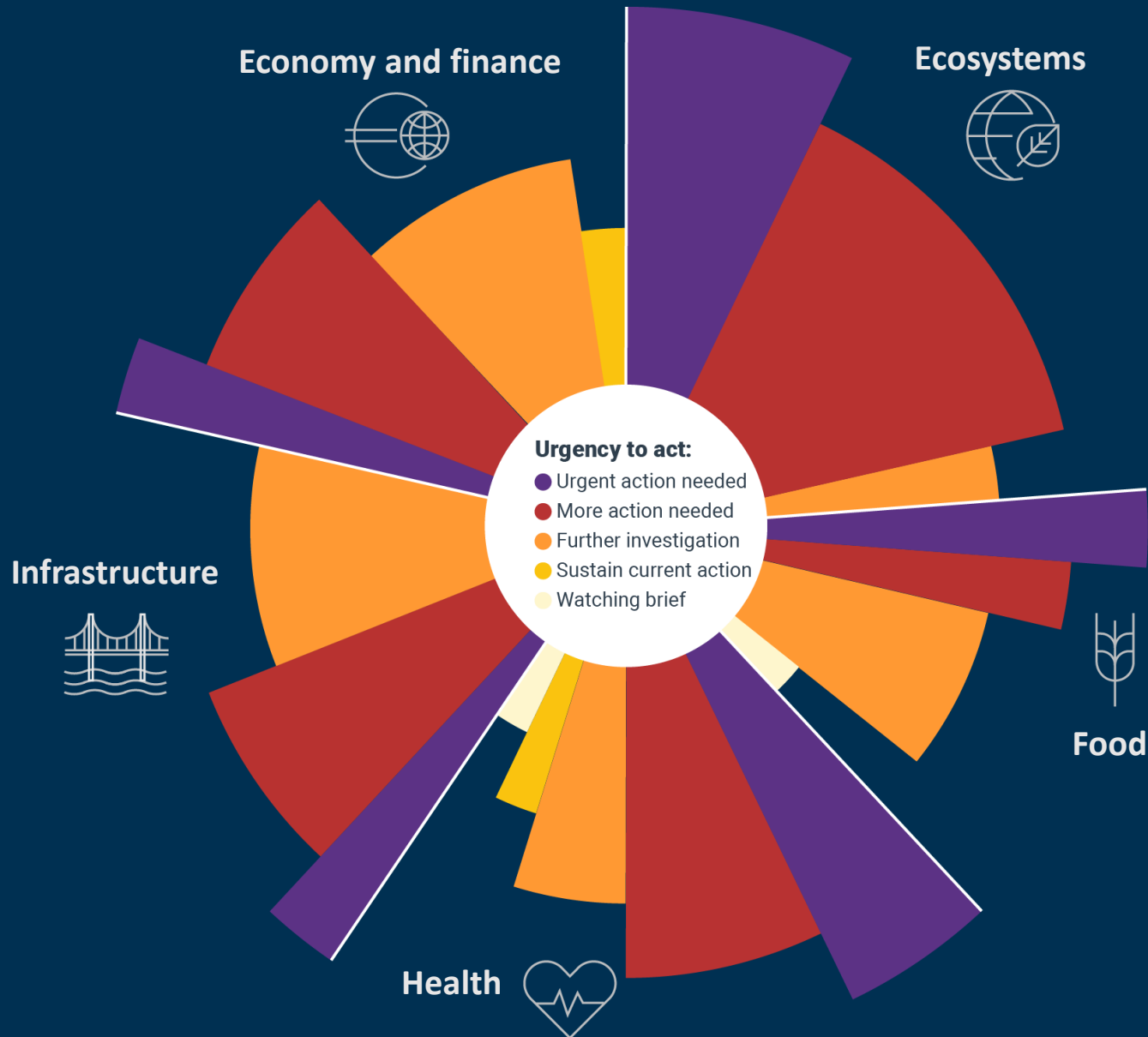
- Human needs to survive
- Production and consumption systems
- Environmental assets



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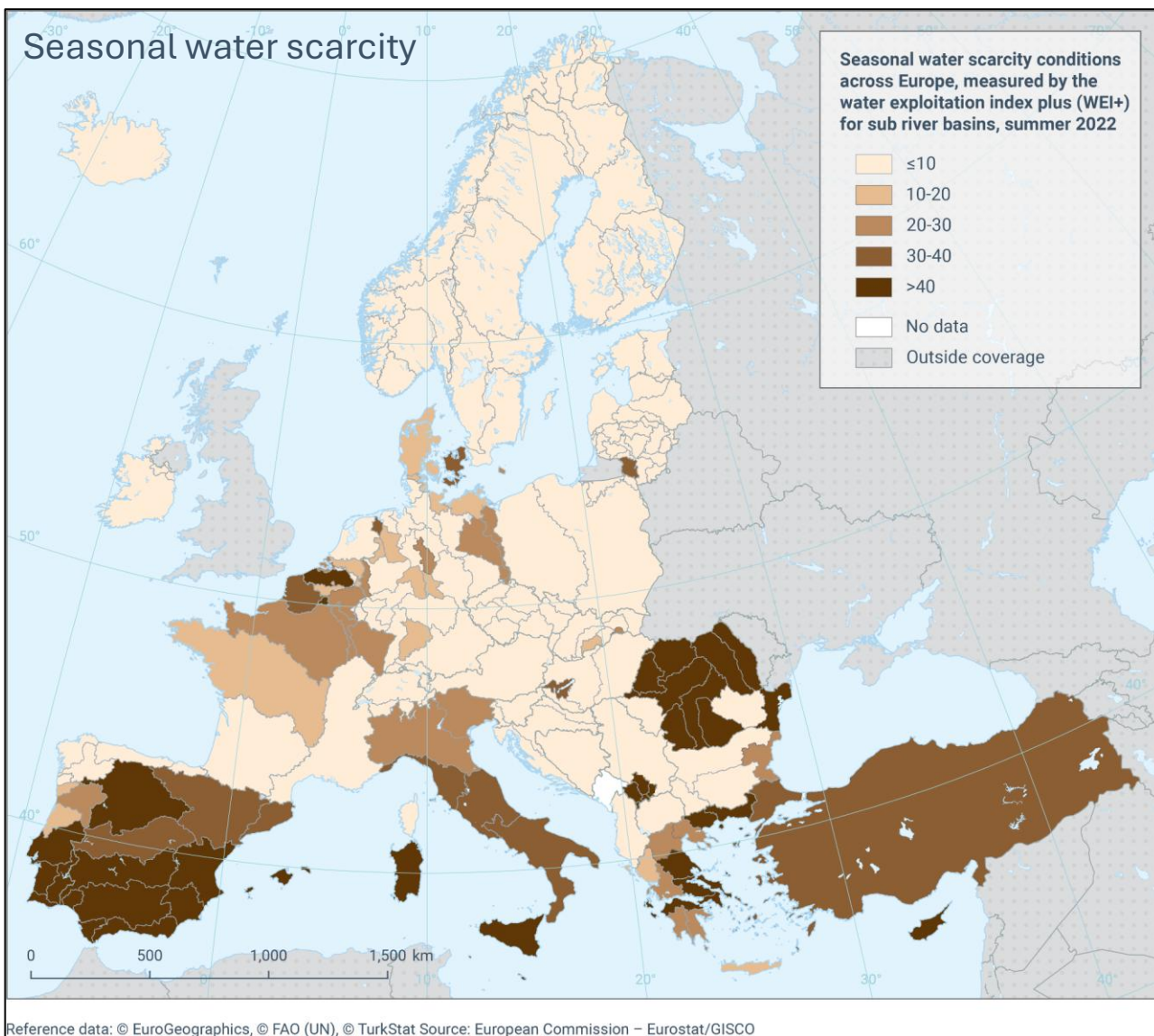
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EUCRA: major climate risks for Europe in five clusters

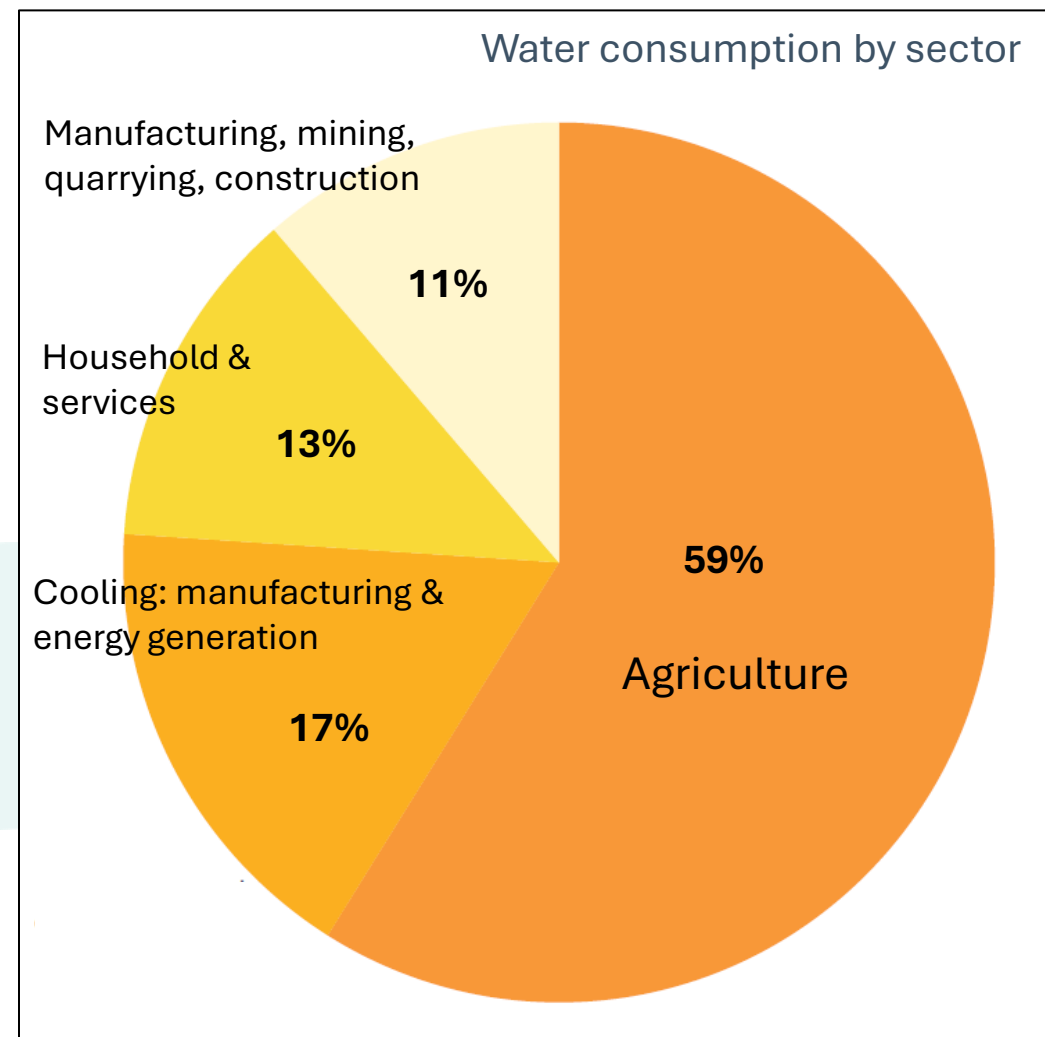


- Urgent action needed
- More action needed
- Further investigation
- Sustain current action
- Watching brief

Water resources under pressure



Source: [EEA, 2025](#)



Source: [EEA, 2024](#)

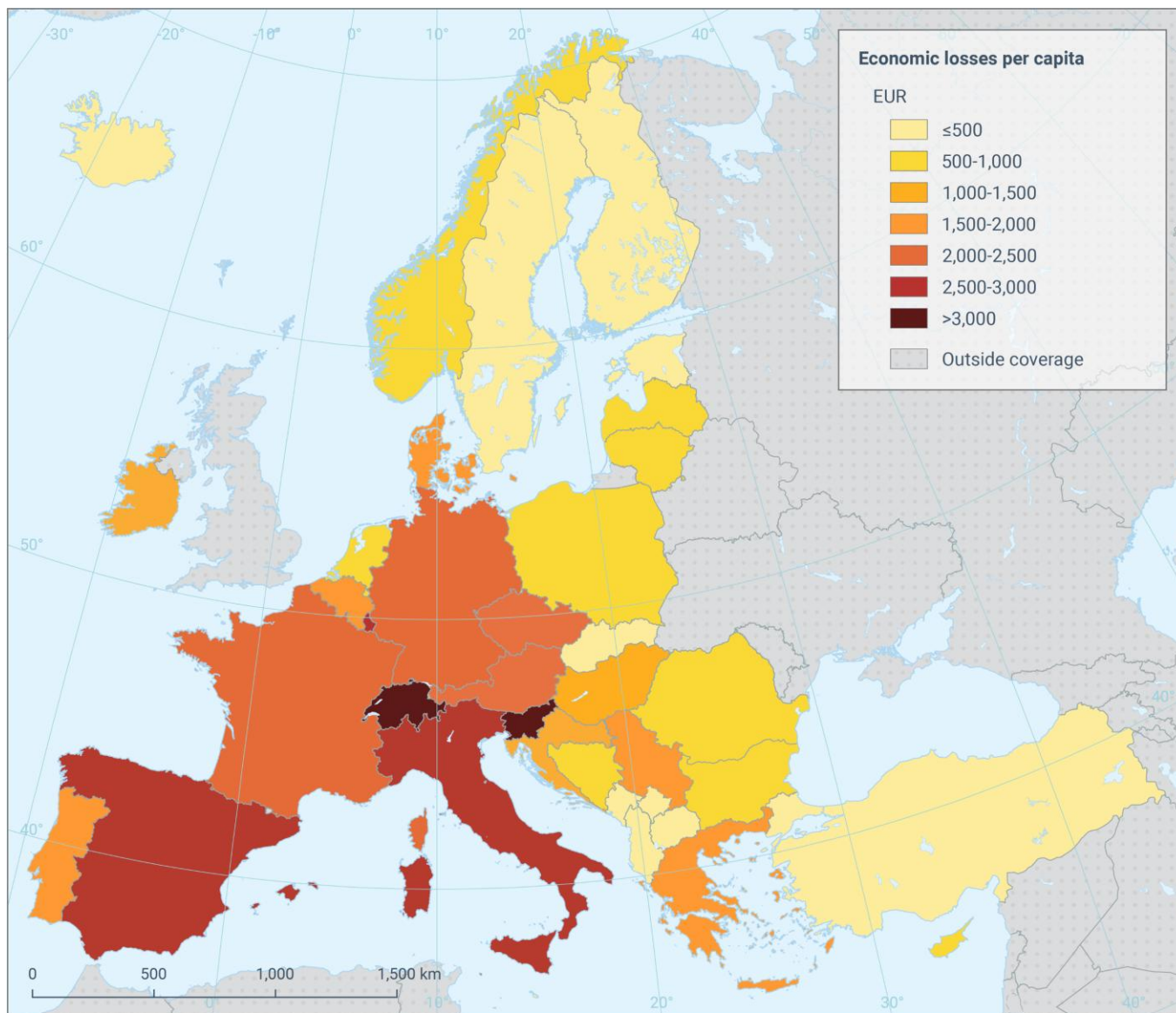


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Climate change drives economic losses & threatens security



Total economic losses from climate change per capita 1980-2024

- **€822 billion:** estimated economic damages from extreme weather in Europe in 1980-2024
- **One trillion by 2100**
- Floods, droughts, extreme heat & wildfires **increasing in frequency and cost causing deaths**
 - 2026 summer heatwaves caused **35,000 deaths** across Europe



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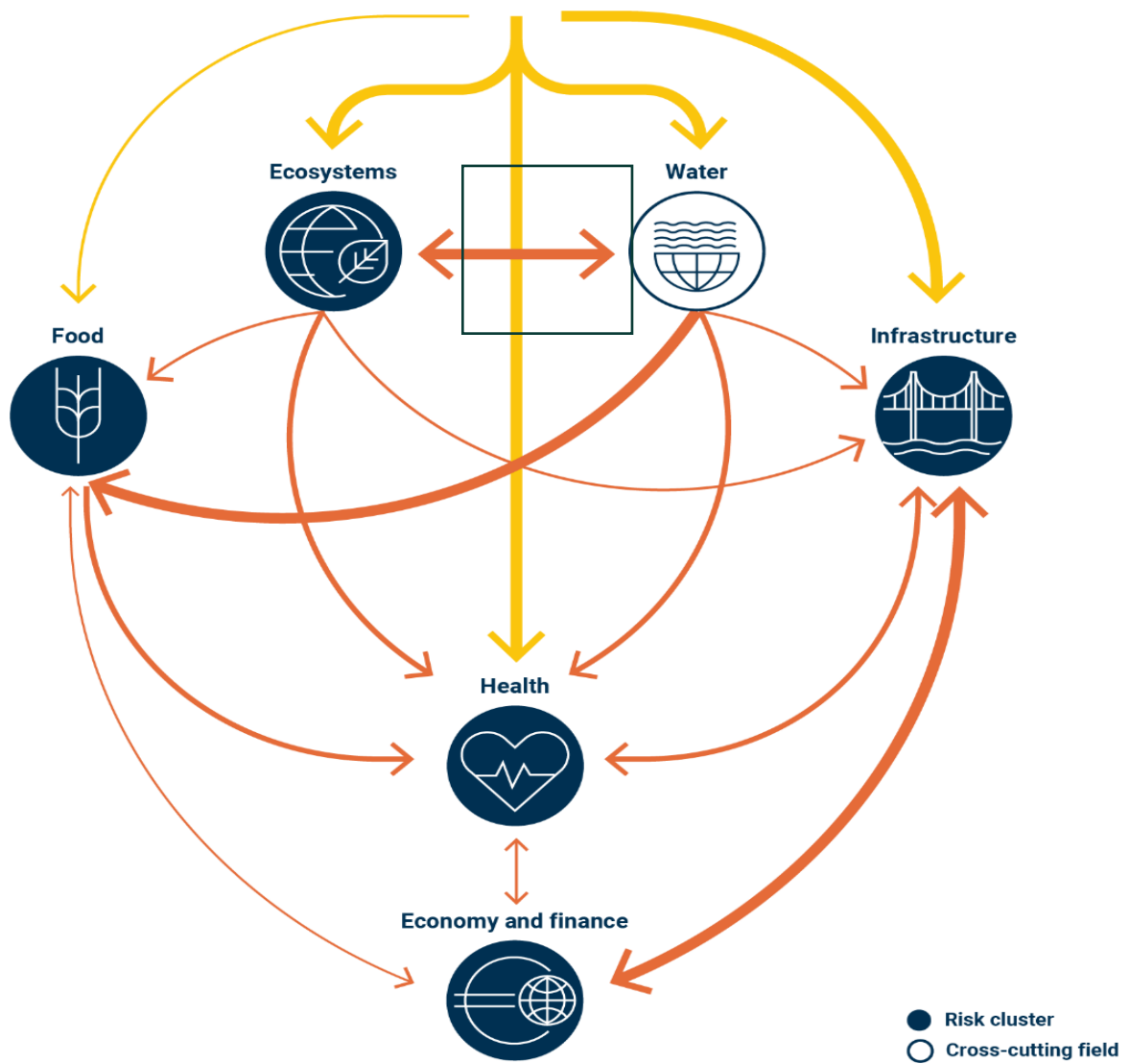
e.g. droughts



e.g. water (over)usage

Climate risks can cascade across societal systems

Direct impacts and cascading impacts and risks



- Climate risks can cascade across systems, leading to unexpected impacts
- Water resilience is vital
- Systemic approach to adaptation and preparedness required

Nature-based solutions to key climate hazards



Water management

Large-scale measures, e.g. river, floodplain restoration

Small-scale measures, e.g. urban rainwater harvesting



Forests and forestry

Protection of intact forest

Restoration of degraded forests

Sustainable forest management, e.g. tree diversification, selective logging



Agriculture

Improved soil and water farm management

Crop type diversification and rotation

Agroforestry



Urban areas

Parks, urban forest, street trees

Green buildings, e.g. green roofs and walls

NbS for water management, e.g. bioswales, detention ponds



Coastal areas

Rehabilitation and restoration of coastal habitats

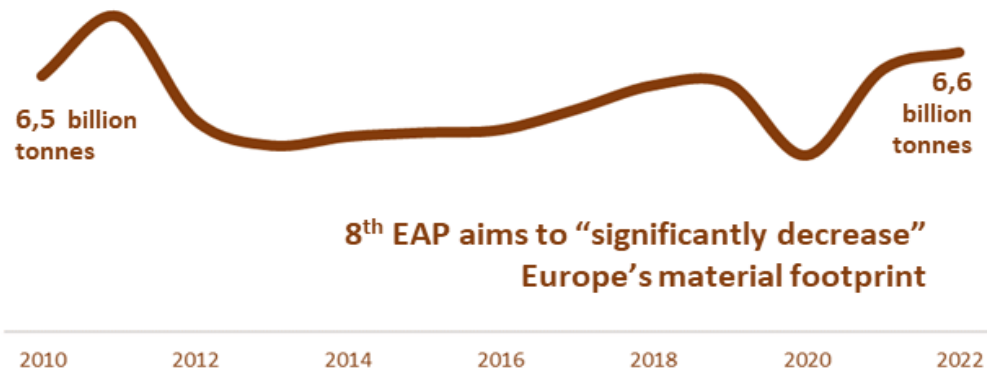
Near-shore enhancement of coastal morphology

Hybrid solutions

Circularity in Europe: state of play

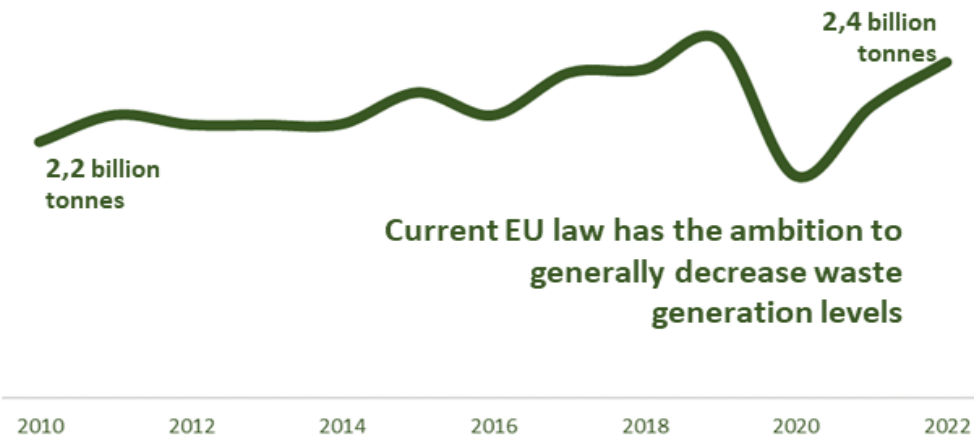
1

Material footprint, EU27



2

Generation of waste, EU27



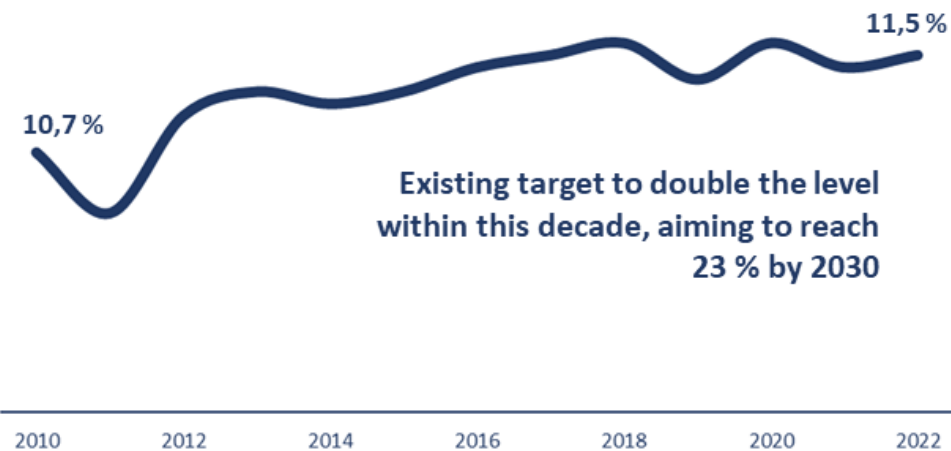
3

Overall recycling levels of waste, EU27

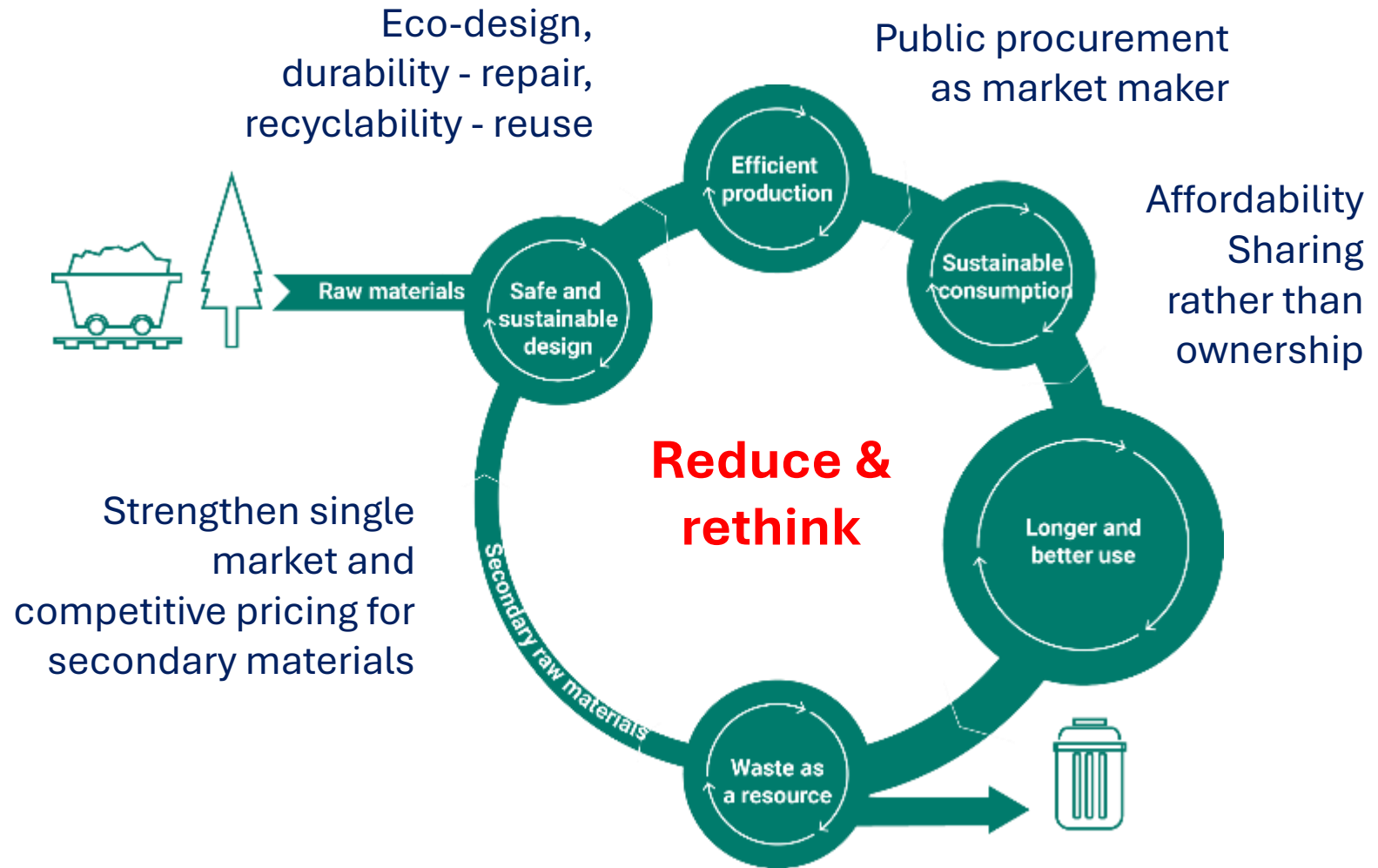


4

Use of circular materials, EU27



A Clean, Competitive, Circular Economy



Urgency

Hope



Building climate resilience: the triple dividend



Benefits when disaster strikes

**1st dividend:
Avoided losses**



Saved lives



**Avoided damage to
assets:
infrastructure,
property, crops, etc.**

Benefits regardless of disasters

**2nd dividend:
Economic potential**



**Increased capital
investment**



**Lower insurance
premiums/capital cost**



Job creation



**Higher productivity
(agriculture, business,
supply chain)**



Preserved land value



**3rd dividend:
Co-benefits
from co-use**



Ecosystem services

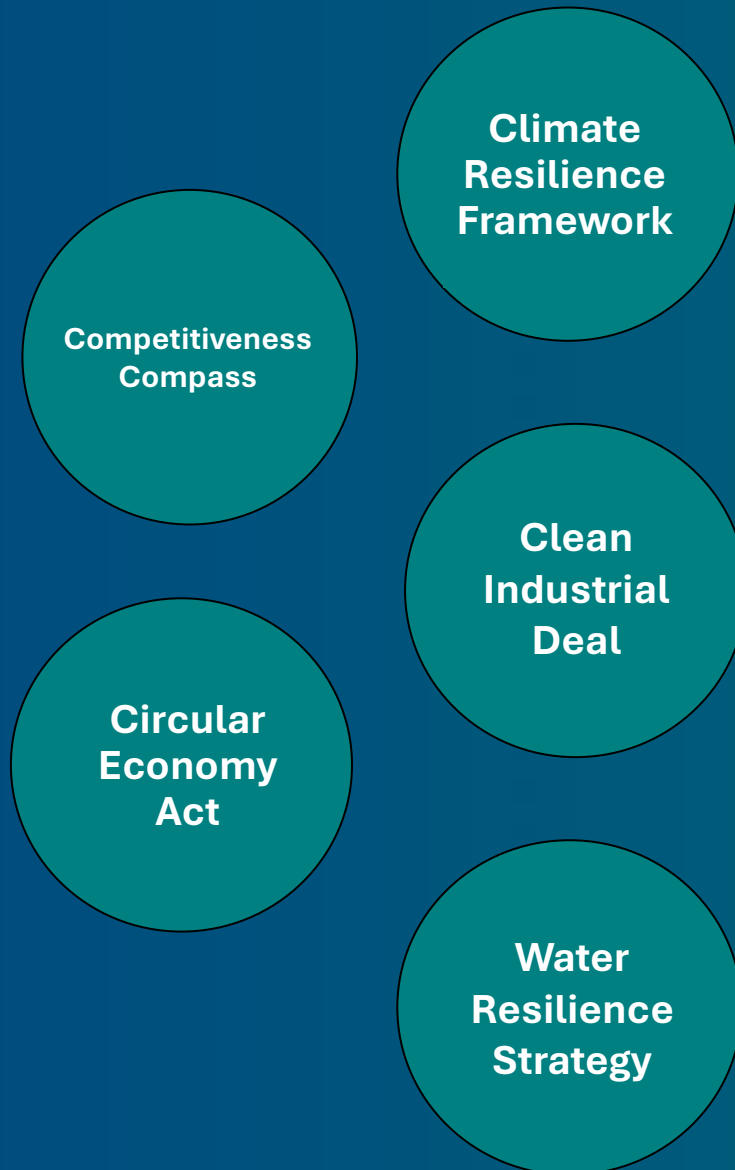


**Climate/environment
objectives (biodiversity,
carbon sequestration,
water quality, etc.)**



**Social/cultural
objectives (tourism, air
quality, public health,
social cohesion, etc.)**

EU initiatives



Policy priorities





Building Europe's Resilience in an Unstable World

Successful adaptation:

- Stops cascades
- Protects essentials
- Opens new advantages



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Nature for security, competitiveness, resilience and prosperity



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Thank you!



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