



# EU policies on water, climate and transboundary cooperation

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European Commission

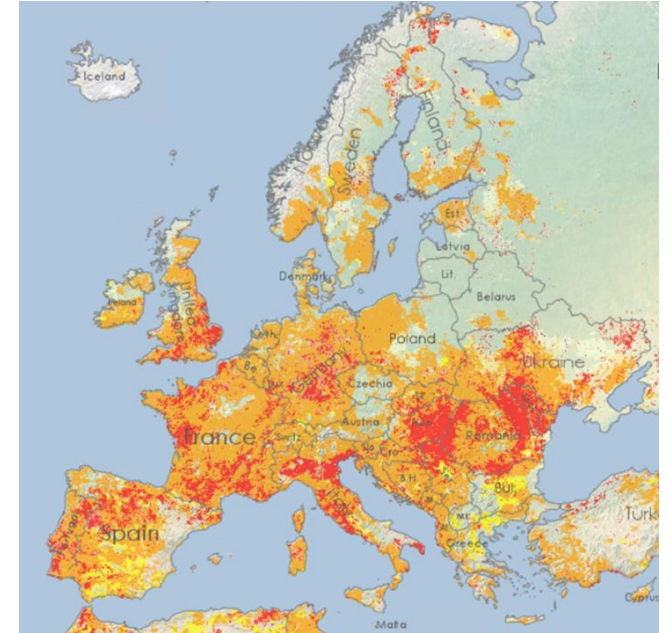
# Drought & water scarcity in Europe

## Current:

- economic damage: EUR 9 billion/yr & unquantified damage to ecosystems and their services

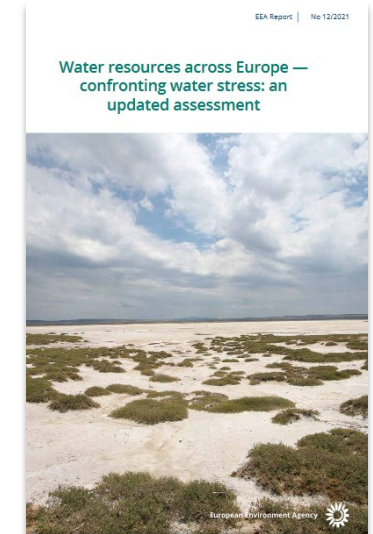
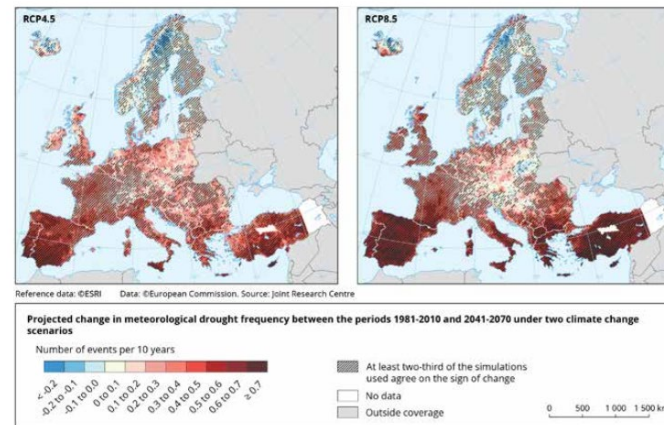
## Future (+3°C)

- Up to 40% less aquifer recharge and river discharges
- Up to EUR 45 billion/yr



European Drought Observatory  
Combined Drought Indicator – August 2022

Map 3.6 Projected change in meteorological drought frequency between the periods 1981-2010 and 2041-2070 under two climate change scenarios





# EU policies on water and climate



# EU Climate Change Adaptation Strategy



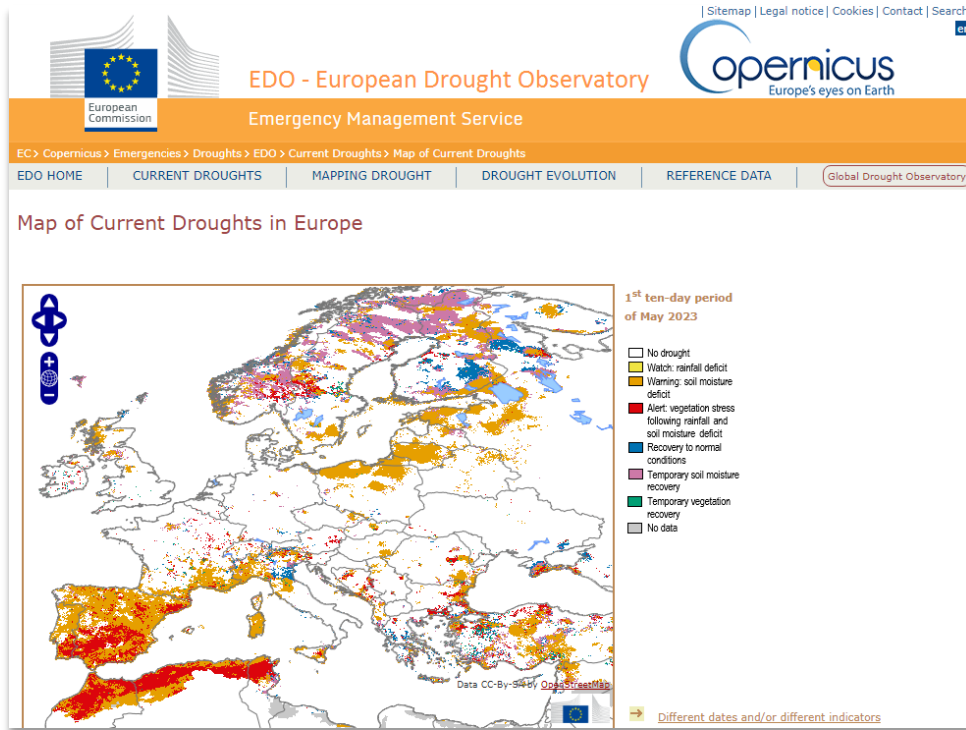
COM (2021) 82 final, 24.2.2021



Albufeira Barragem de Salgueiro  
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- Towards a climate-resilient **water management**
  - Improve **coordination of thematic plans and other mechanisms** (incl. water resource allocation and water-permits) across sectors and borders
  - **Drought risk management** to be improved
  - Reduce **water use**, encouraging **water efficiency and savings**
  - Stable and **secure supply of drinking water** → climate change-risks in risk analyses of water management
  - Sustainable **soil management and land-use**
  - **Flood risk management** to better consider climate change impacts
  - **Nature-based solutions** to achieve the goals of the Water Framework Directive and the Floods Directive

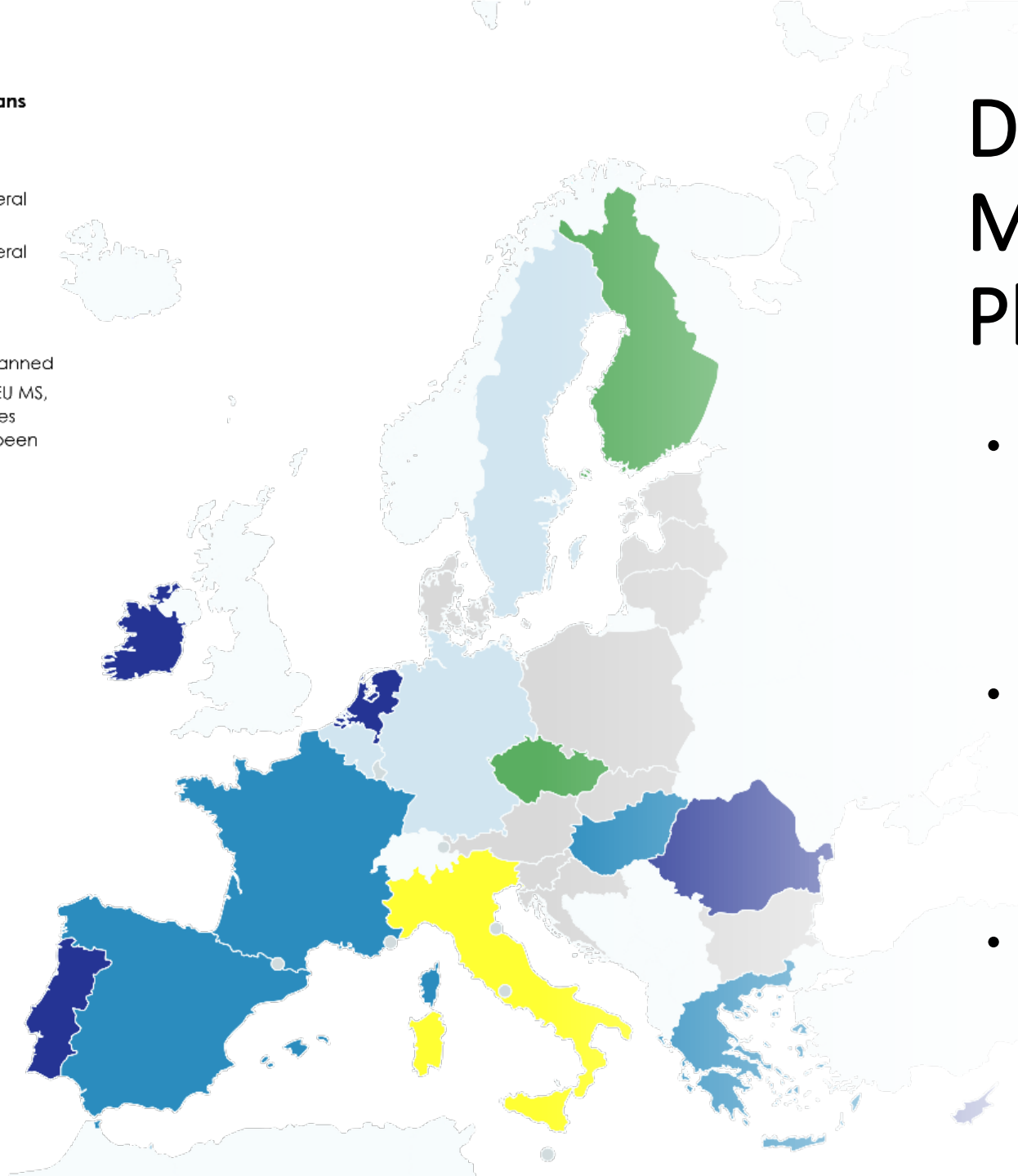
# European Drought Observatory for Resilience and Adaptation (EDORA)



- Aiming at strengthening the European Drought Observatory by
  - Improving drought impact and risk assessment
  - Enhancing cooperation between drought observatories in the EU
  - Stocktaking of drought management and adaptation review

## Drought Management Plans

-  In place for whole MS territory
-  In place for one or several RBDs
-  In place for one or several regions
-  In process or planned
-  Other approaches
-  No DMPs in place or planned
-  Note: For some of the EU MS, several of the categories apply; the largest has been indicated in the map



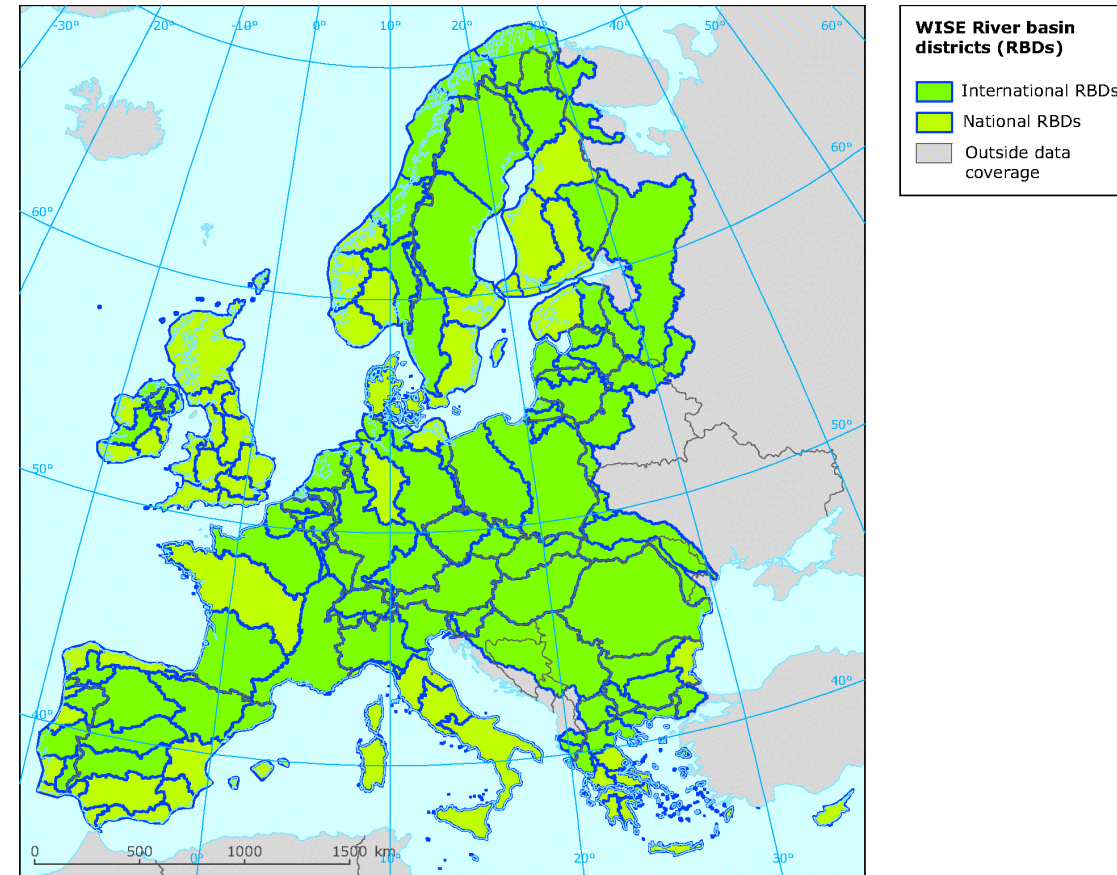
# Drought Management Plans

- **in place in 13 EU MS** (Belgium, Cyprus, Germany, Greece, Spain, France, Hungary, Ireland, Italy, Netherlands, Portugal, Romania and Sweden)
- **Several EU MS** (including Czechia, Finland, Croatia, Luxemburg and Slovenia) are **in the process** of preparing or updating such plans.
- **No DMPs** are in place or planned **in 9 EU MS**



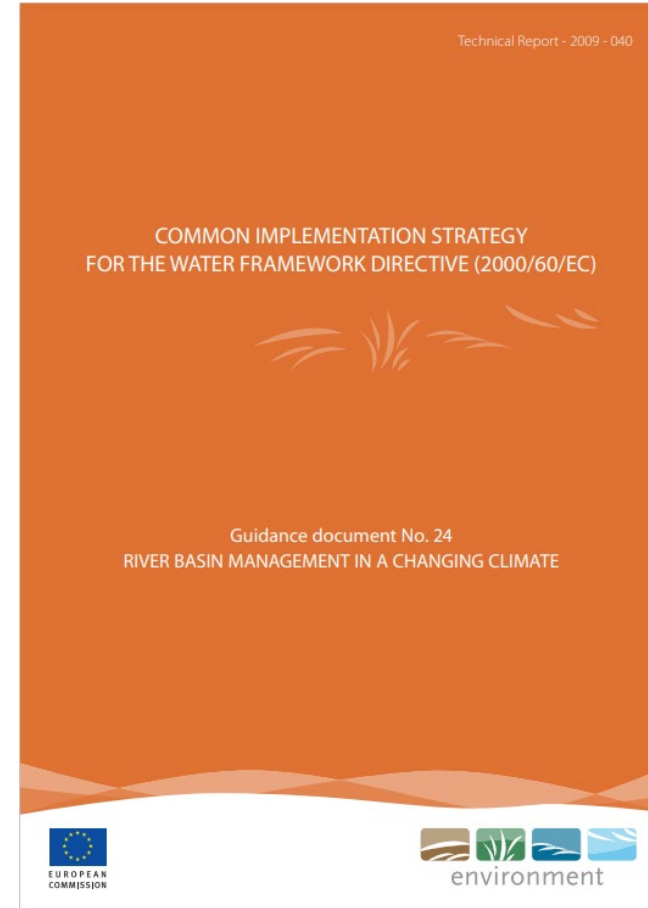
# Transboundary cooperation

- WFD: .. *Where the use of water may have transboundary effects, the requirements for the achievement of the objectives should be coordinated for the whole of the river basin.*
- RBMPs for transboundary river basins developed jointly:
  - Danube
  - Elbe
  - Scheldt
  - Sava
  - Rhine
  - Meuse
  - Ems
  - Odra



# Guidance 'River basin management in a changing climate'

- Is being updated – finalisation 2024
- Table of content:
  - Projections, potential impacts
  - Policy framework
  - How to build adaptive capacity?
  - Mainstreaming water related CA
  - WFD and CA
  - FRM and CA
  - Drought management and CA
  - NBS for resilience and CA
  - Transboundary aspects of CA
  - Climate check of measures





# Next steps

- **Communication on managing climate risks – 12 March 2024**
  - European Climate Risk Assessment (EUCRA) report – 11 March 2024
- **Assessment of 3<sup>rd</sup> RBMPs and 2<sup>nd</sup> FRMPs – Q2 2024**
- **UNEA-6 – Draft resolution on water** “Effective and inclusive solutions to strengthen water policies for sustainable development in the context of climate change, biodiversity loss and pollution”

# Thank you



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