



Climate and water policies in the EU

Increasing climate resilience of water and sanitation sector in the Mediterranean Region: Workshop under the Protocol on Water and Health

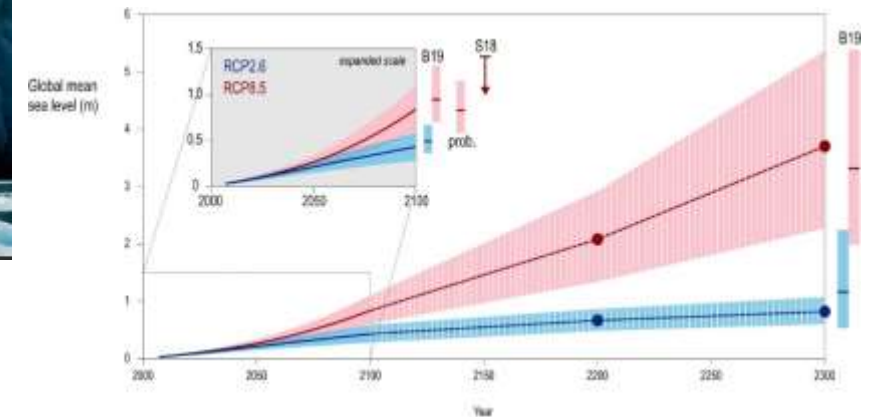
4 June 2024

*Dagmar BEHRENDT KALJARIKOVA
European Commission, Directorate General for Environment*

Climate change

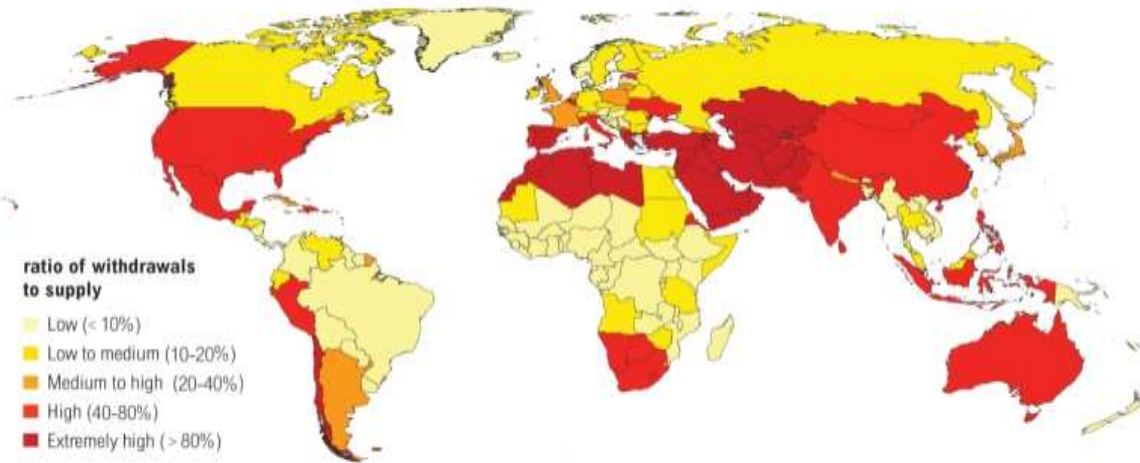


- Impacts are already there ...
- --- affecting every region in the EU.



Global water crisis and water stress

Water Stress by Country: 2040



NOTE: Projections are based on a business-as-usual scenario using SSP2 and RCP8.5.

For more: ow.ly/RiWop

 WORLD RESOURCES INSTITUTE



EU policies on water and climate



EU Strategy on Adaptation to Climate Change



COM (2021) 82 final, 24.2.2021



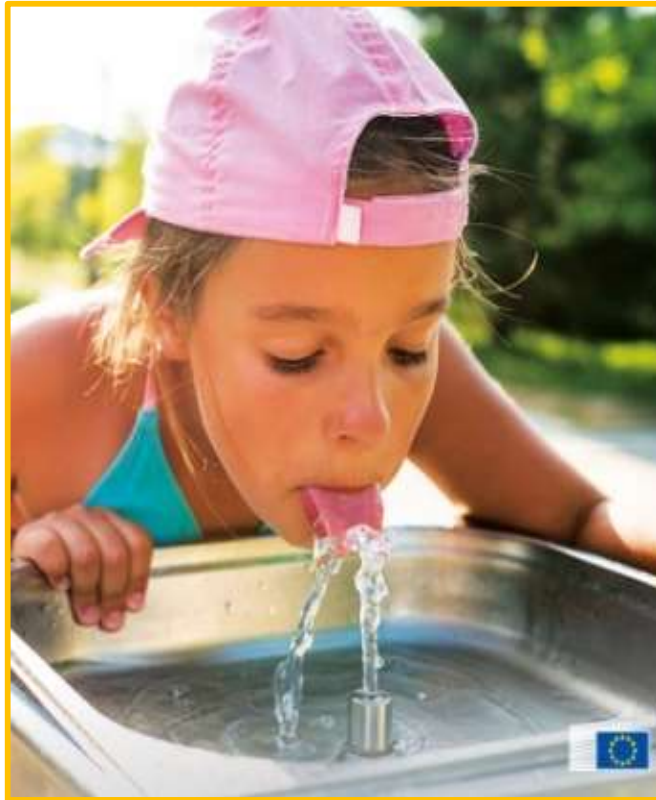
Albufeira Barragem de Salgueiro
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- Towards a climate-resilient **water management**
 - Improve **coordination of thematic plans and other mechanisms** (incl. water resource allocation and water-permits) across sectors and borders
 - **Drought risk management** 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

Recast Drinking Water Directive

OBJECTIVES

- To **protect human health** by ensuring the quality of water intended for human consumption
- To **improve access to water** intended for human consumption



NEW

- **Update existing safety standards + ‘watch-list’** mechanism (substances of emerging concern)
- Introduction of **‘risk-based approach’** (RBA) covering whole supply chain
- **Access to water:** obligation for MS to improve or maintain access to safe drinking water for all, in particular to **vulnerable and marginalised groups**
- **More transparency** for consumers on water quality + suppliers’ efficiency and effectiveness and measures for their improvement (**water leakage levels**)
- **Provisions on substances/materials in contact with DW** (prevent migration of hazardous substances)

Urban Wastewater Treatment Directive – recast

<https://data.consilium.europa.eu/doc/document/ST-7108-2024-INIT/en/pdf>

Commission's proposal:

- Stricter standards for nutrient removal from wastewater
- Introduction of quaternary treatment for micropollutant removal, with Extended Producer Responsibility (EPR)
- Introduction of Integrated urban wastewater management plans
- Increased scope with smaller agglomerations (from 1 000 p.e.) and requirements for individual systems
- **Introduction of requirements for energy efficiency audits, and Member State wastewater treatments to achieve energy neutrality by 2045**
- **GHG emission monitoring and reporting by 2030**
- Non-domestic wastewater - tracking pollution at source
- Improving the quality of sludge and wastewater for reuse, with systematic promotion of water reuse
- Minimum reuse and recycling rates for phosphorus
- Access to sanitation
- Wastewater surveillance
- Transparency with improved access to information (from wastewater operators) to customers and citizens

Thank you



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