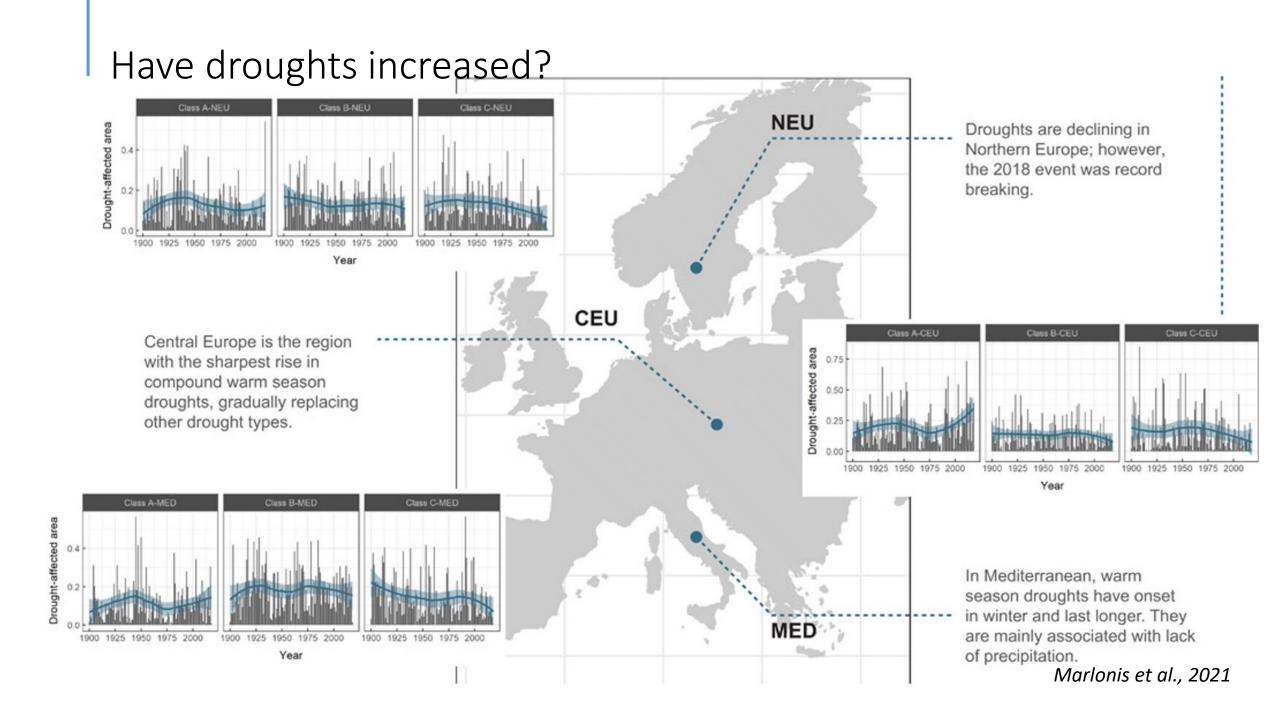
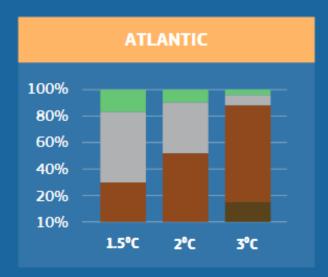
European Drought Observatory for Resilience and Adaptation EDORA

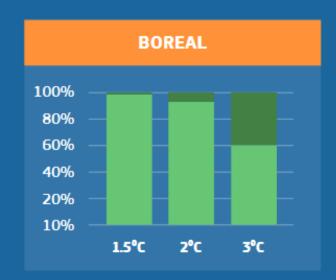
Dario Masante European Commission Joint Research Centre - E.1 Drought Team

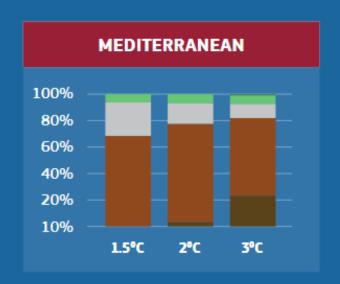


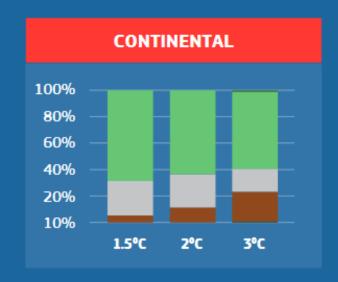






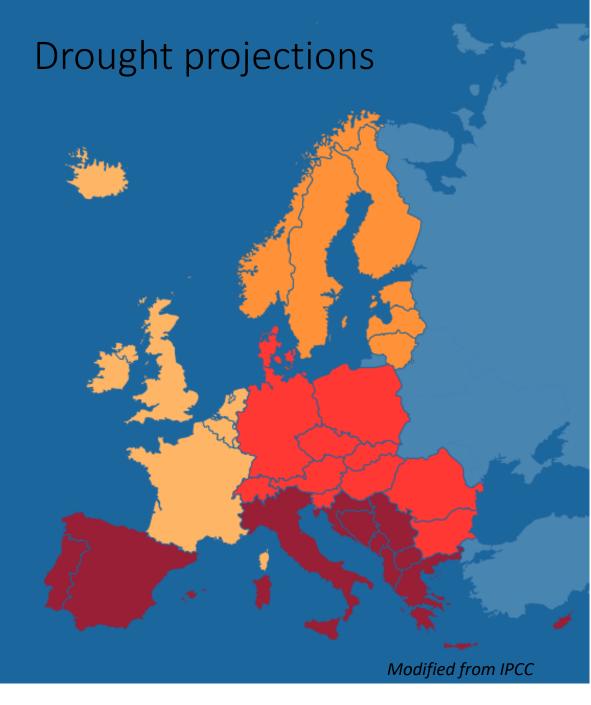




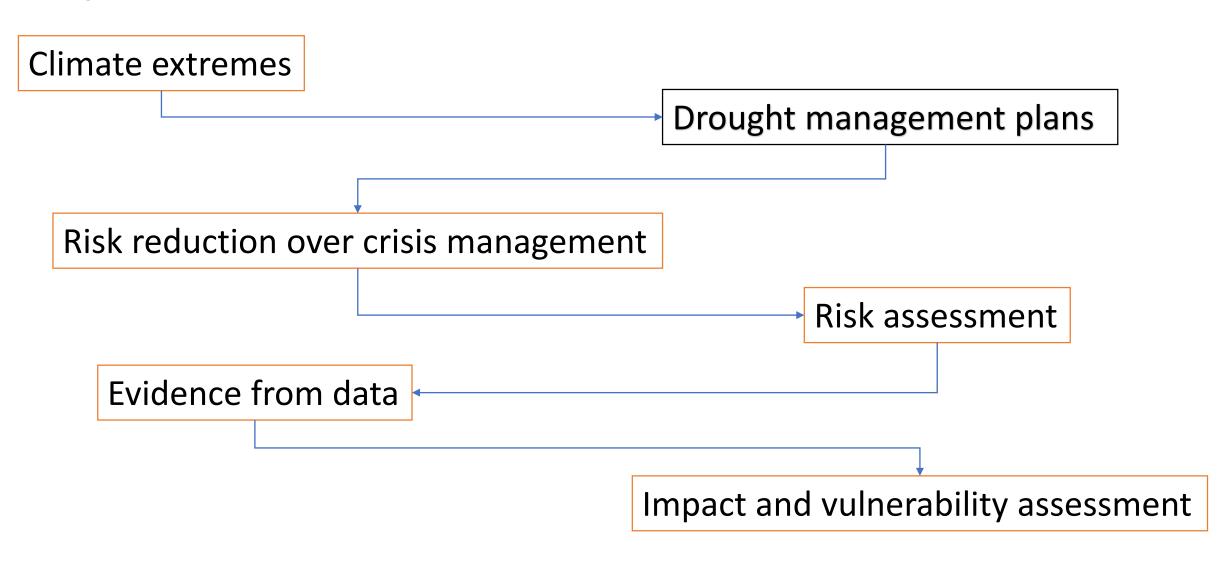






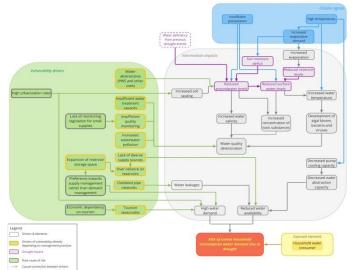


Managing drought risk



Drought risk atlas

Conceptual models +



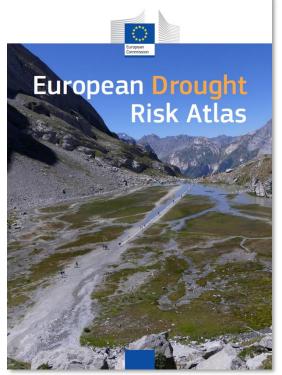


Impact-based data-driven analysis

















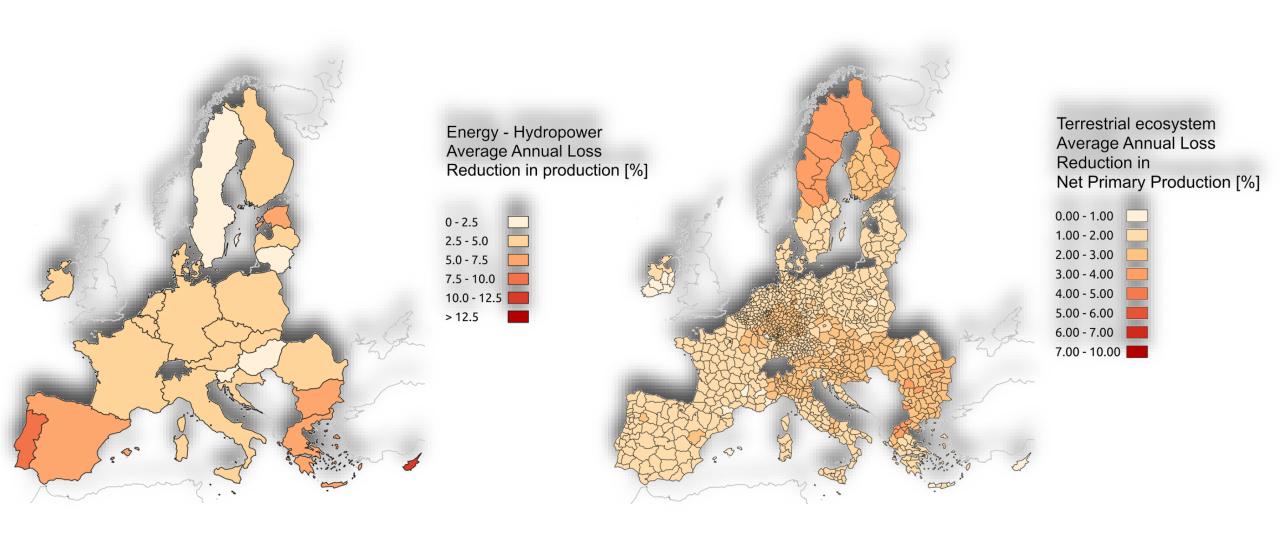




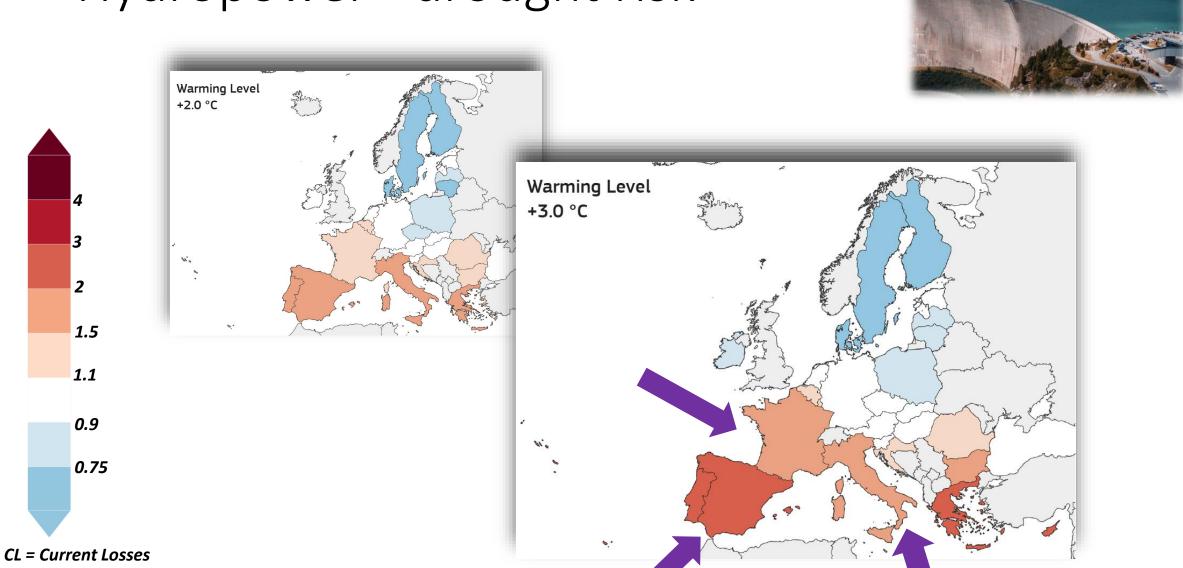




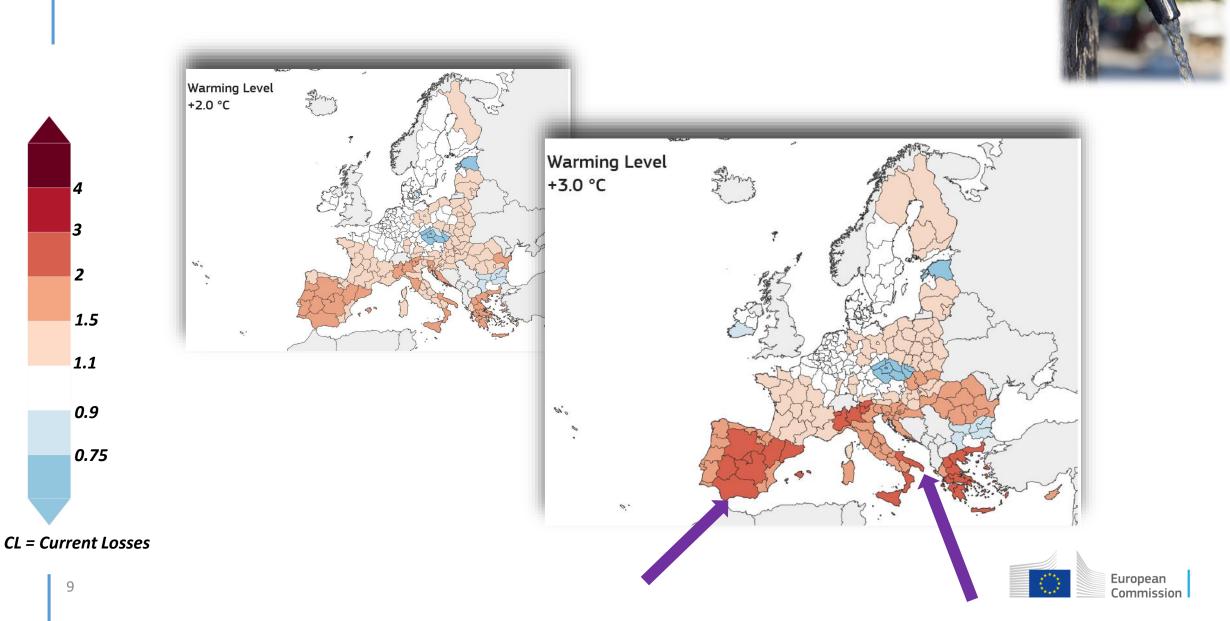
Current drought risk



Hydropower - drought risk



Public water supply - drought risk



1.5

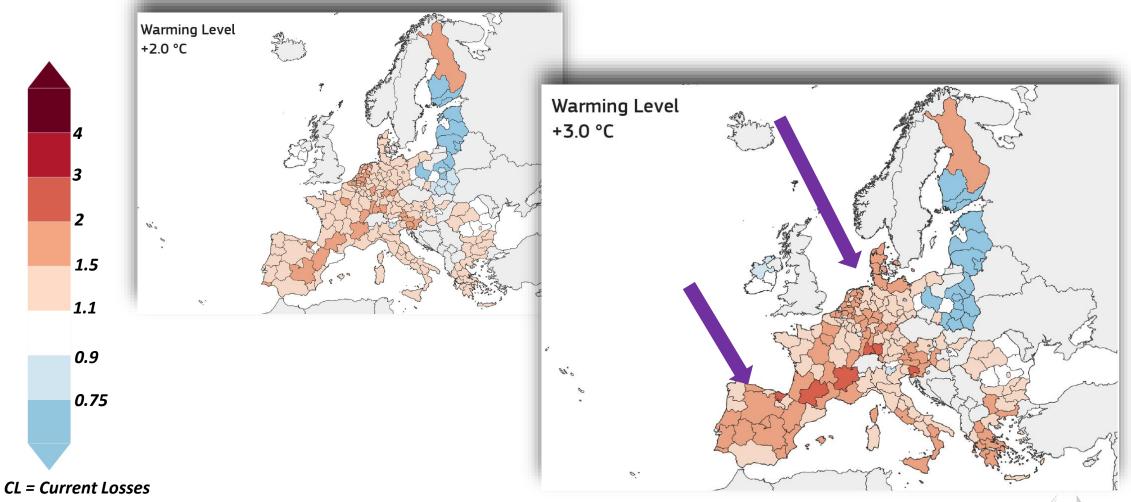
1.1

0.9

0.75

Agriculture (wheat) - drought risk







→ Search "JRC drought risk atlas"

EU cooperation is essential

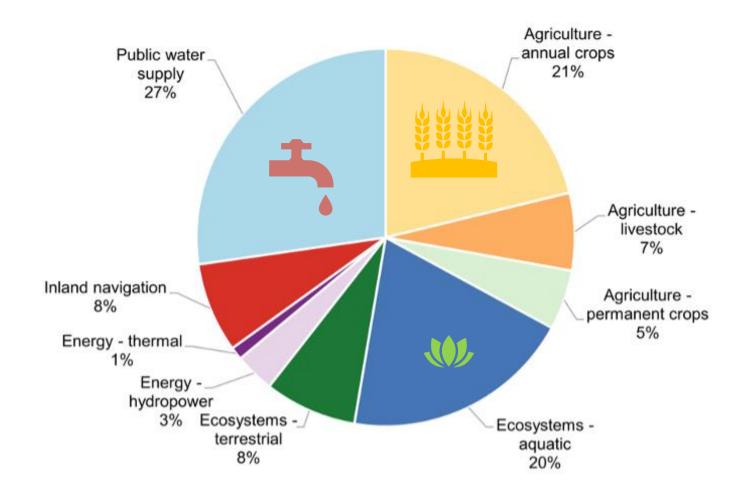
Risk is sector-dependent
It increases in most of Europe
under warming scenario.
Mitigation & adaptation are key

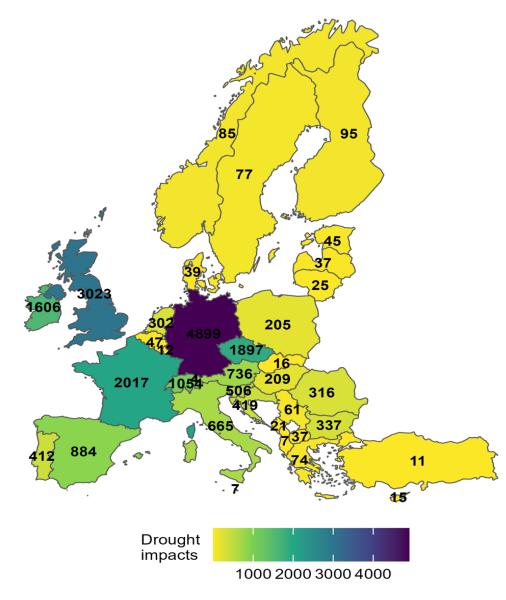
Varying risk scenarios. In some areas of **Northern Europe changes**

Mediterranean
Increase in drought risk in all sectors & ecosystems

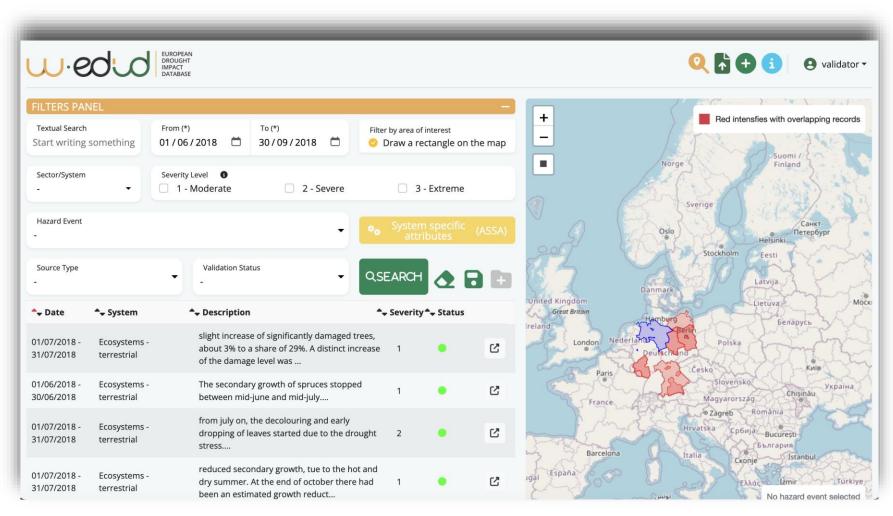
Regional **HOTSPOTS**per sector emerge

Drought impacts are... not available





Collecting & sharing data on impacts



EDID

http://edid-test.eu



Reducing risk

- Manyfold endeavour (three pillars)
- Evidence based actions need data
- Much more than hazard:
 - -> How much water demand?
 - -> What investments are made?
 - -> What technology to cool that power plant?
 - -> What crops are there?
 - -> ...
 - ->..
 - 4 ->



Thank you



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