



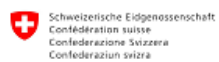
Global Workshop on
Water, Agriculture and Climate Change
17-18 October 2022, Geneva and online

Towards sustainable agriculture in the Danube River Basin

Adam Kovacs
ICPDR



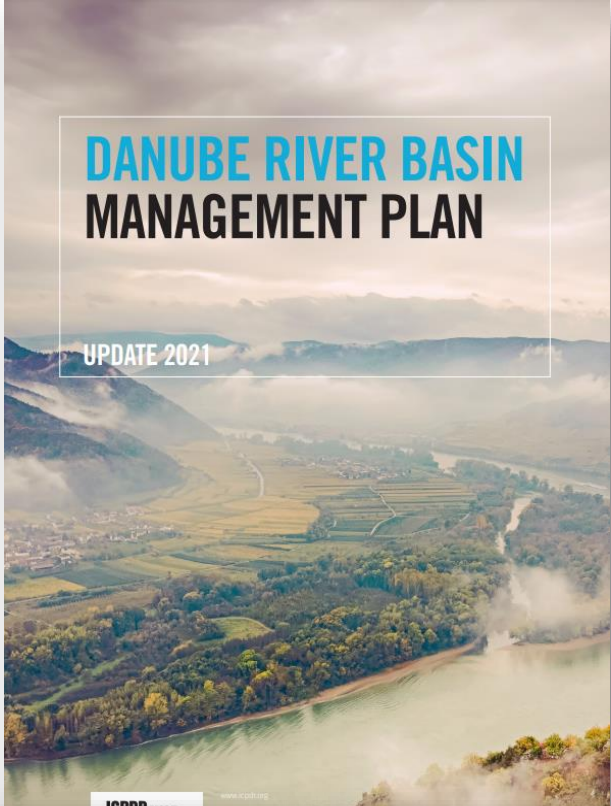
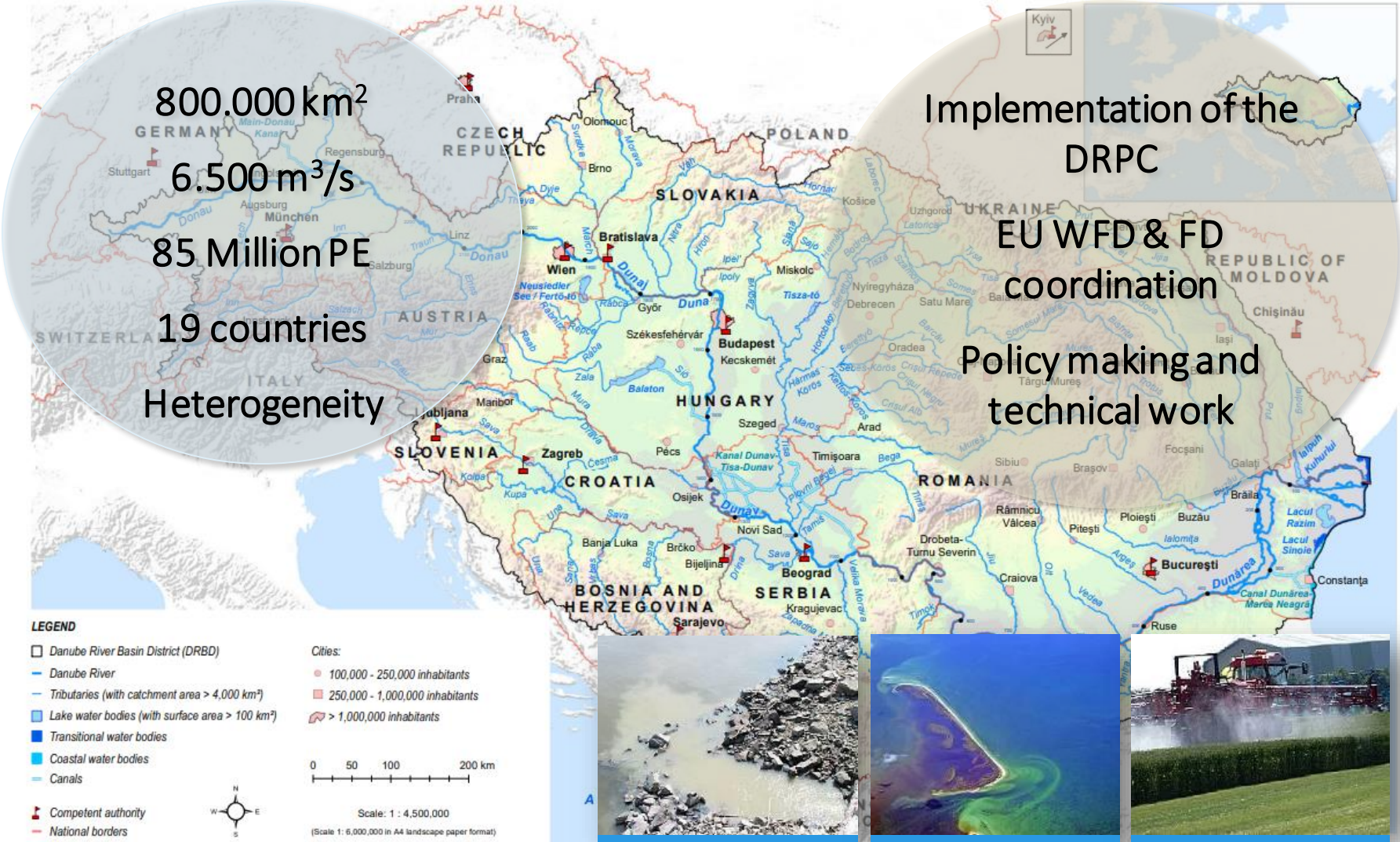
International Commission
for the Protection
of the Danube River
Internationale Kommission
zum Schutz der Donau



Bundesamt für Umwelt BAFU
Office fédéral de l'environnement OFEV
Ufficio federale dell'ambiente UFAM
Uffiz federal d'ambient UFAM



Platform for transboundary cooperation on water management



Organic Pollution



Nutrient Pollution



Hazardous Substances Pollution



Hydromorphological Alterations



Climate Change Effects

The issue...

Agriculture in the DRB

Important economic component

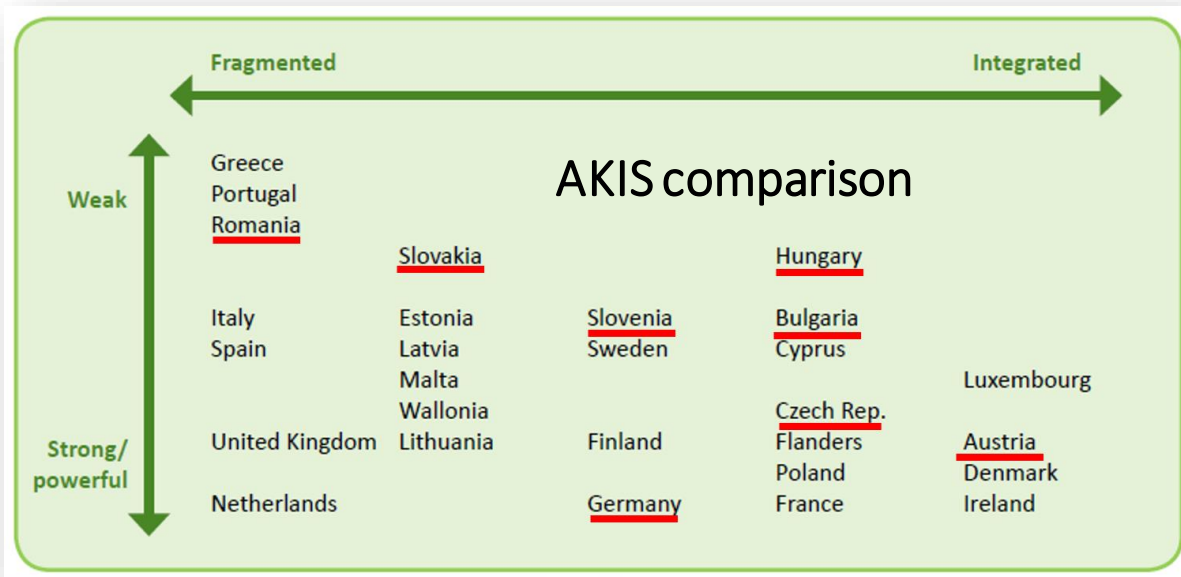
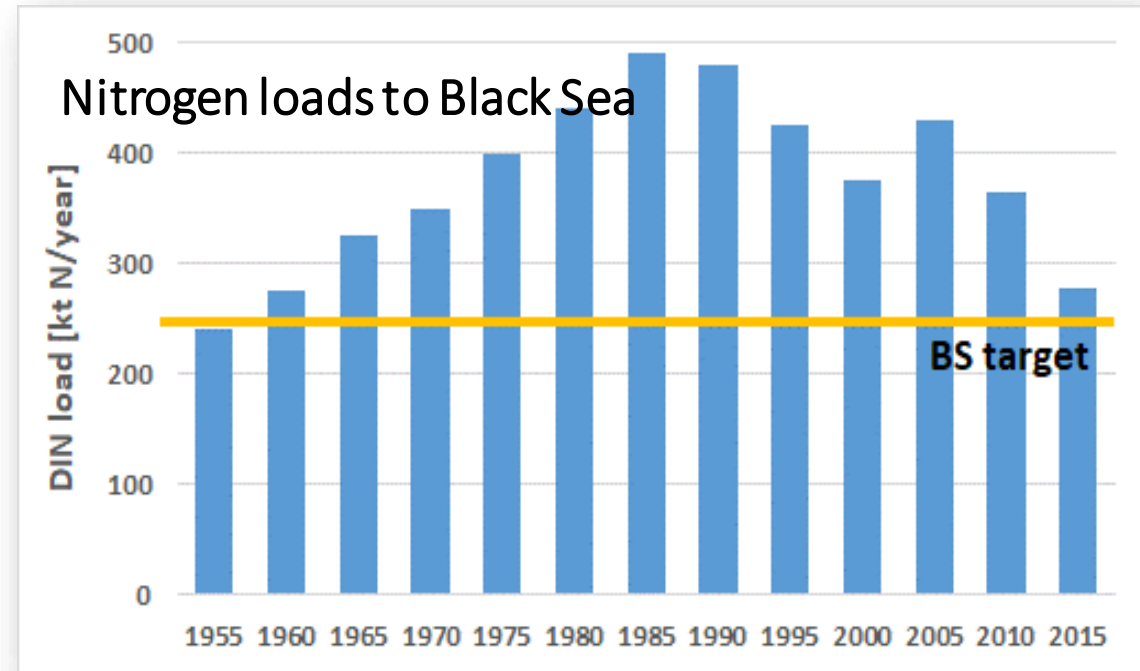
Favorable soil and climatic conditions

Commodity, food and job

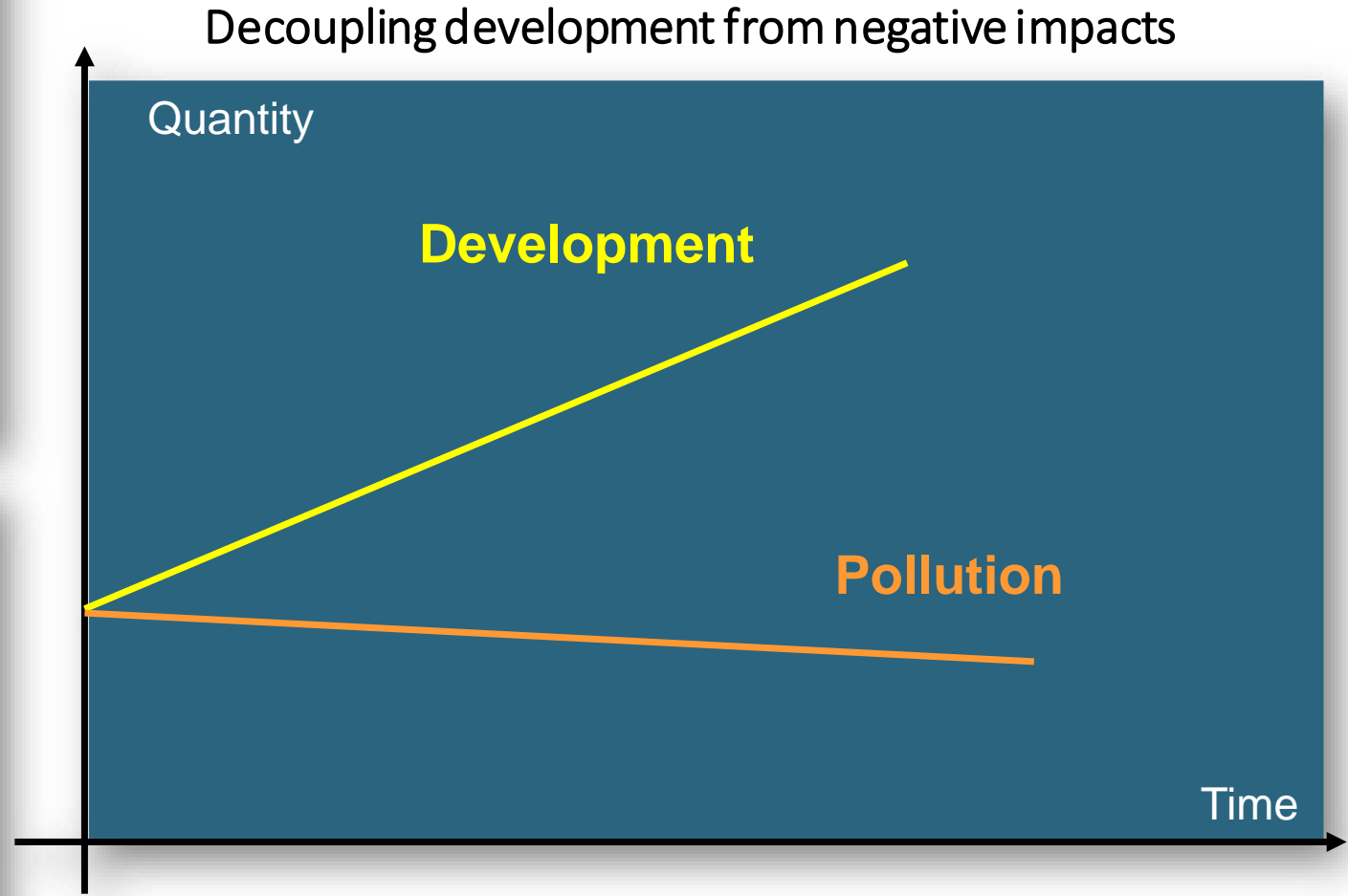
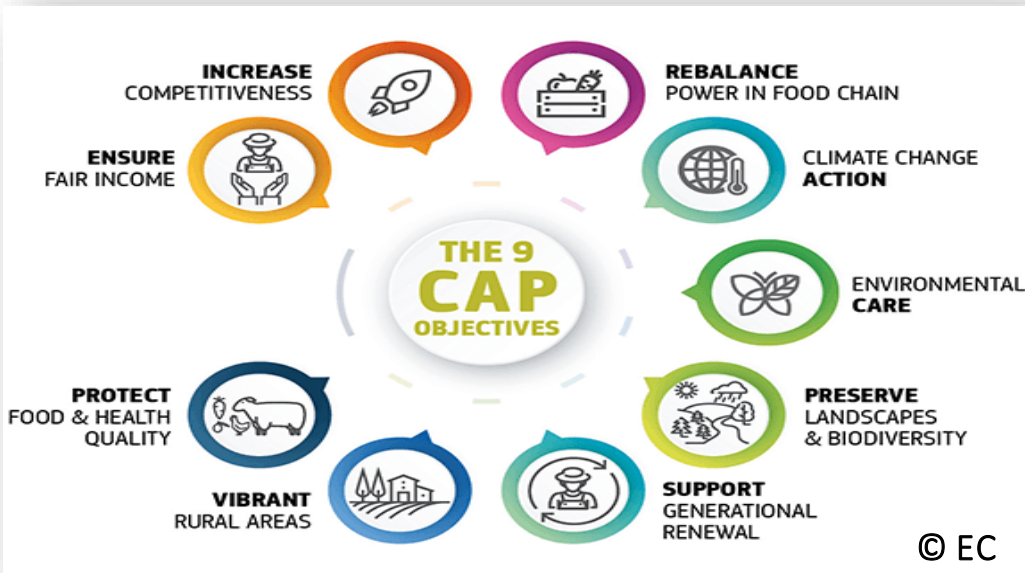
Low intensity in many regions

Less competitive where productivity is low

Large number of small farms

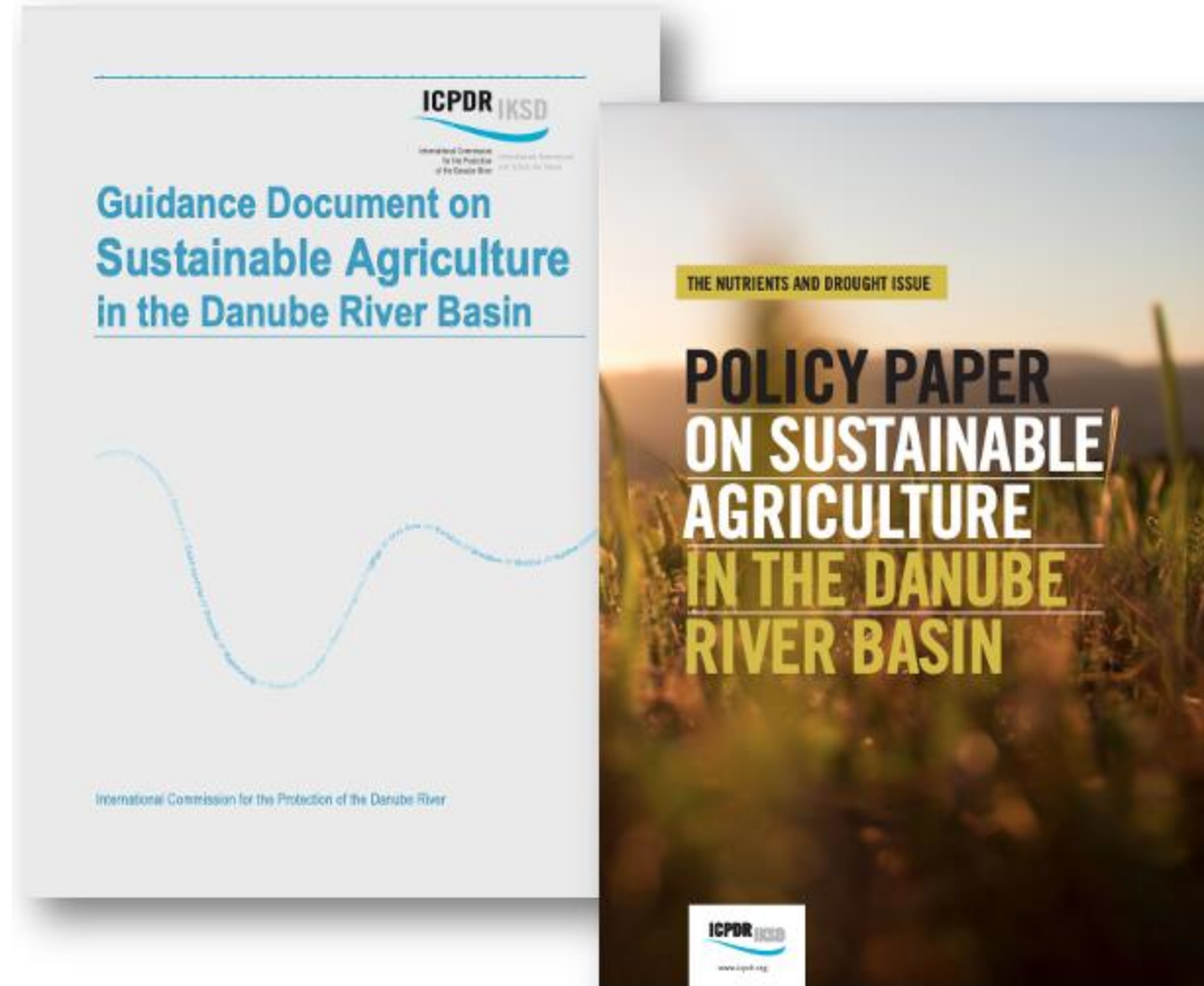


The ambition...



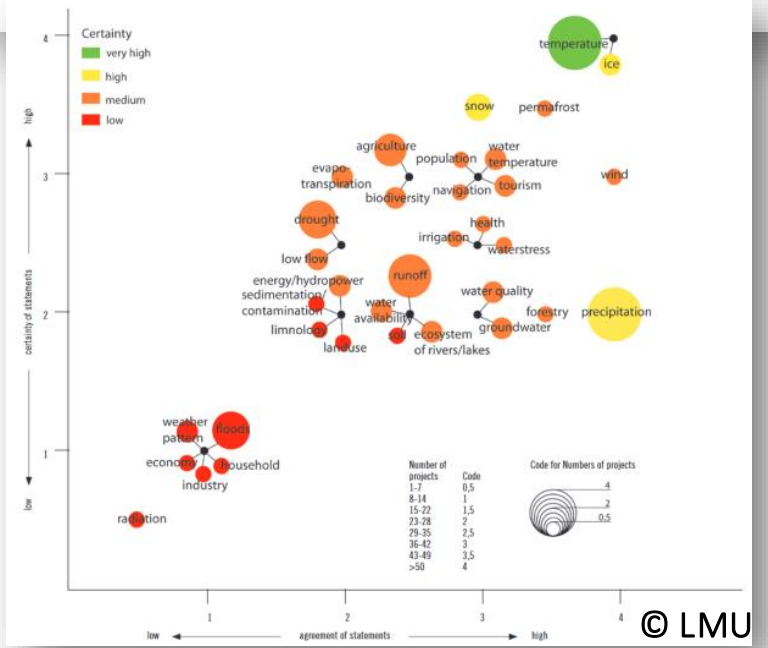
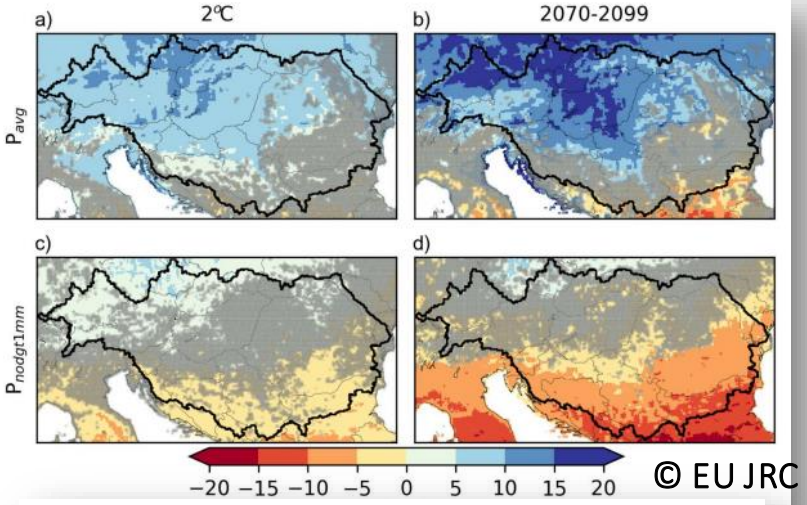
The way ahead...

- **Guidance document** on sustainable agriculture to mitigate drought impacts and reduce nutrient pollution
- Recommended sound **policy instruments**, financial programs and targeted **agricultural measures**
- Facilitating a **dialogue** to jointly implement sustainable practices in **close cooperation** with agriculture
- Strategic **framework** to integrate individual national approaches towards tailor made solutions
- Strong **synergy** between CAP SPs and WFD RBMPs
- Basis for designing targeted **national measures** according to national needs and conditions
- **Policy recommendations** & toolbox for **measures**



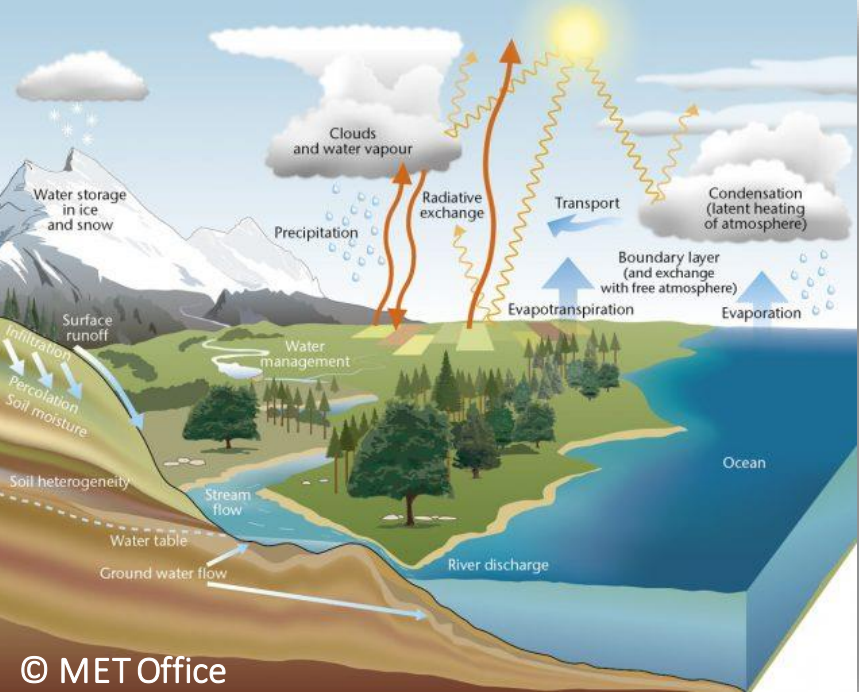
Adapting to climate change...

Scientific knowledge base



CLIMATE CHANGE ADAPTATION STRATEGY

ICPDR IKSD www.icpdr.org



Water balance modelling for the DRB

Lessons learnt and remaining challenges

Lessons

- Dialogue and partnership for mutual objectives (water quantity & quality)
- Nutrient management, drought monitoring & forecasting
- Natural water retention and soil conservation practices
- Digitalization & science-practice exchange facilitated by advisory services
- Bottom-up and community led initiatives, compensation schemes



Challenges

- How to attract agricultural sector
- Growing expectations versus changing climate
- Small family/subsistence farms
- Differentiating between favorable and disadvantaged areas
- Targeted funds for water management measures



Thank you for your attention!



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