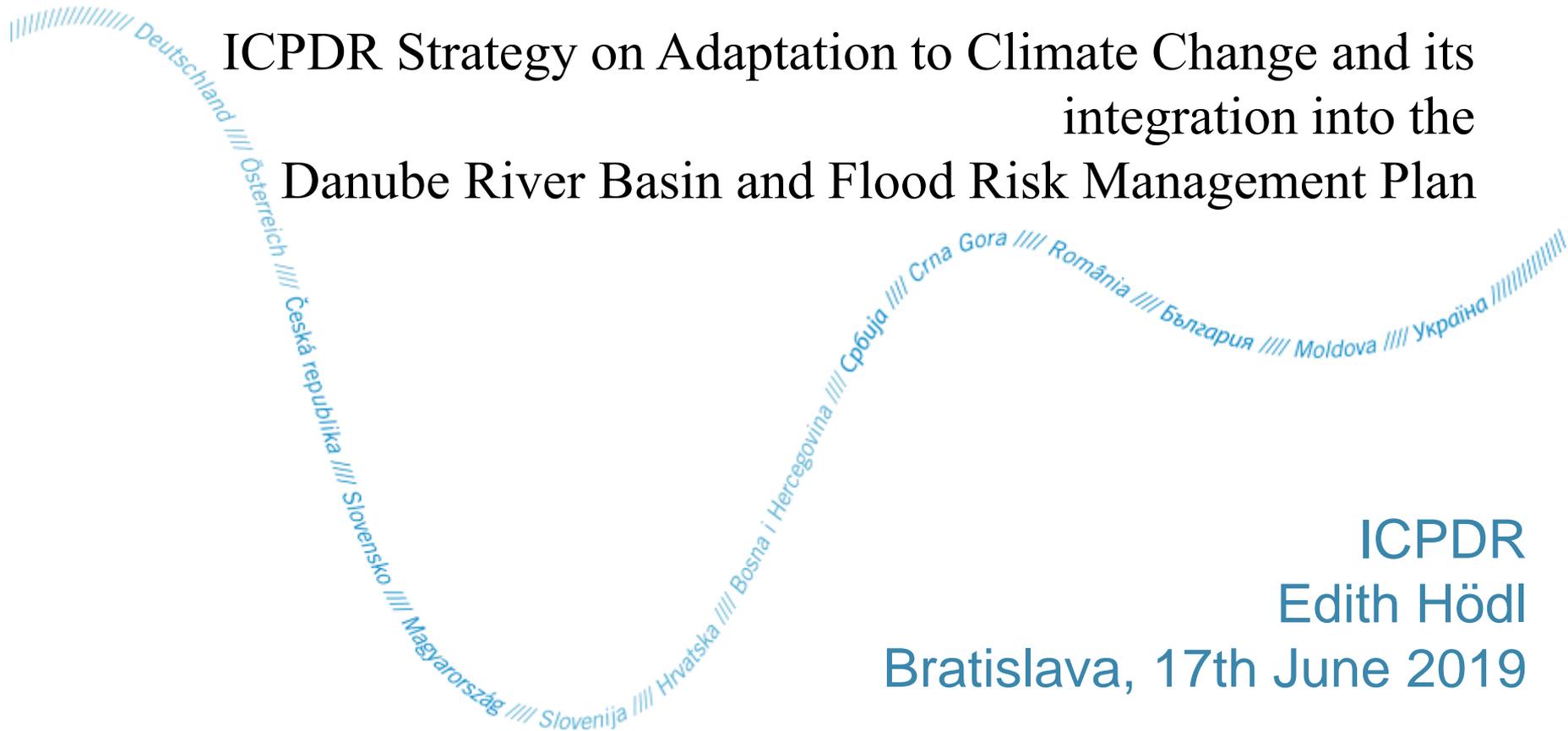


ICPDR and Climate Change Adaptation



ICPDR Strategy on Adaptation to Climate Change and its integration into the Danube River Basin and Flood Risk Management Plan



ICPDR
Edith Hödl
Bratislava, 17th June 2019

Table of Content



- Update of ICPDR Strategy on Adaptation to Climate Change in 2018
- ICPDR Approach for Integrating Climate Change Adaptation into Danube River Basin and Flood Risk Management Plan (DRBMP and DFRMP)
- Lessons Learnt and Recommendations

ICPDR Strategy on Adaptation to Climate Change in 2018 (1)

ICPDR Strategy on Adaptation to Climate Change 2012 was **updated** in 2018 taking into account

- **new scientific results** and
- **implementation steps** taken in the Danube countries

Aim and objectives

- Offering **guidance** on the integration of climate change adaptation into ICPDR planning processes
- Promoting **action** in a multilateral and transboundary context
- Serving as **reference document** influencing national strategies and activities

ICPDR Strategy on Adaptation to Climate Change in 2018 (2)

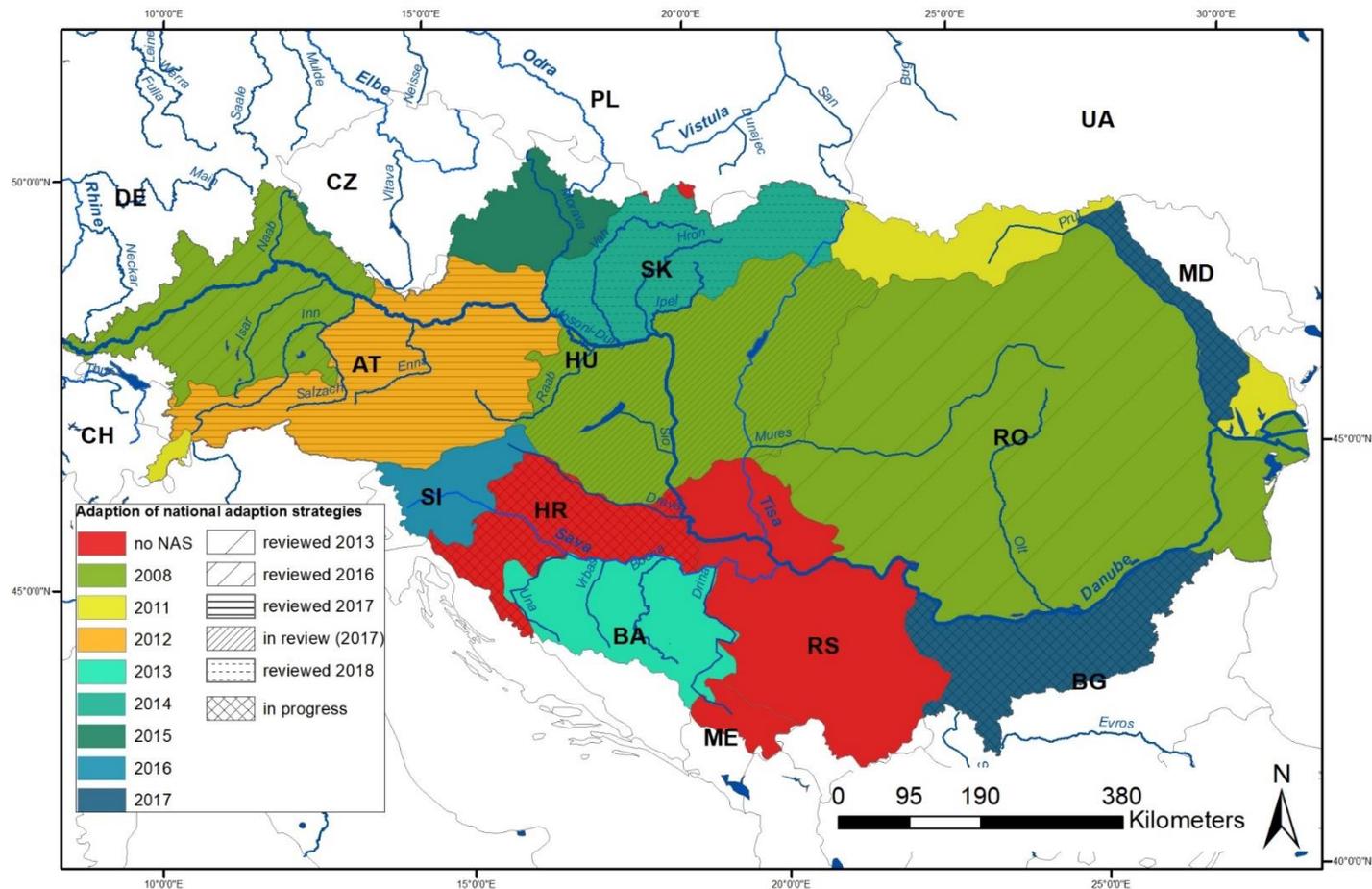


Process

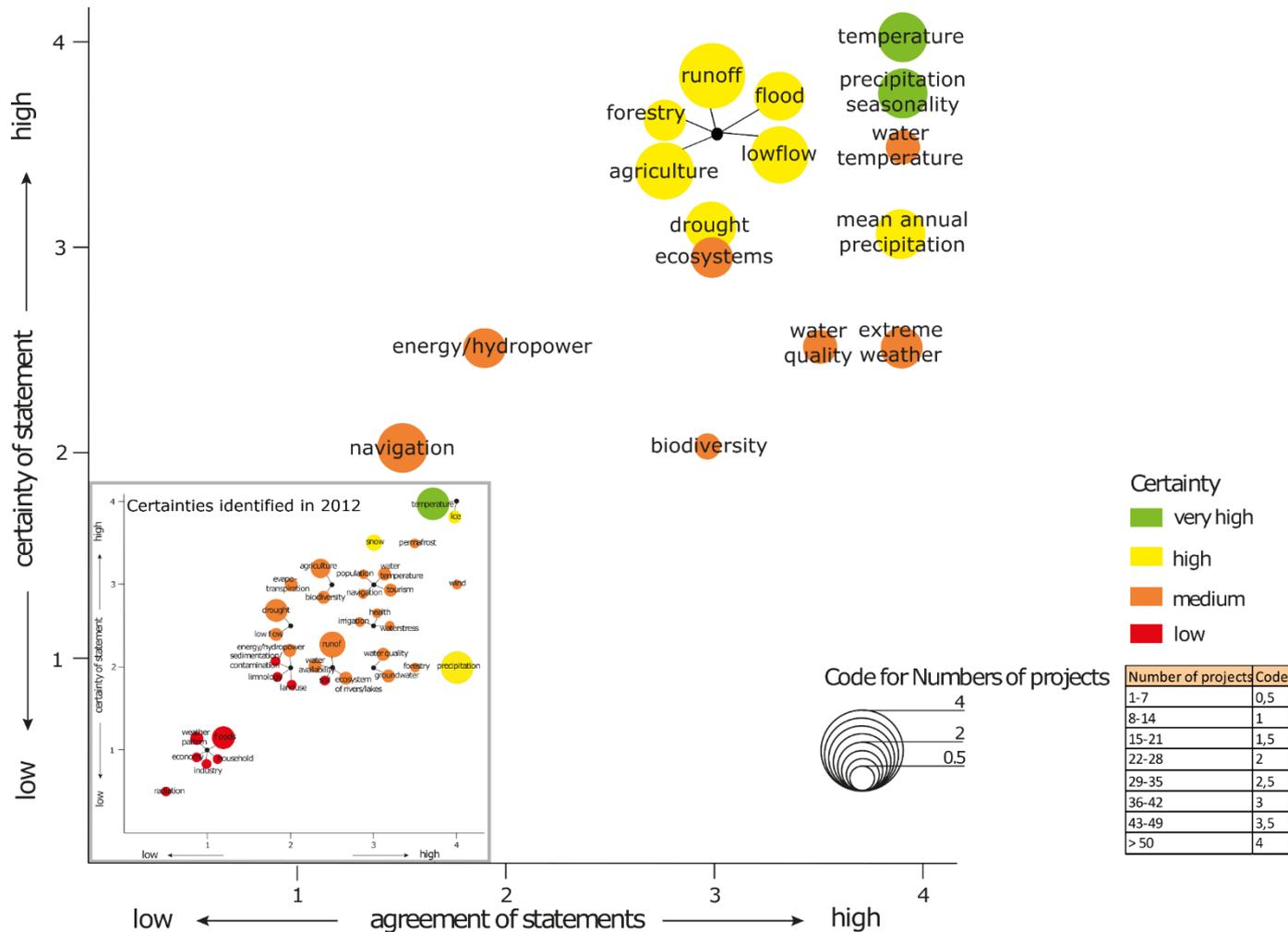
- Update of the **knowledge base and scientific Danube Study** including scenarios, impacts on water resources and adaptation measures (2017)
- **Discussion of key findings** and conclusions of the updated Danube Study at the **ICPDR Climate Change Adaptation Workshop** (March 2018)
- Update of the existing strategy based on **scientific results and legislative and policy instruments in place** (2018)
- **Broad participation of relevant ICPDR EGs and TGs** including nominated experts and ICPDR observer organizations

ICPDR Strategy on Adaptation to Climate Change in 2018 (3)

Updated National Adaptation Strategies (NAS)



ICPDR Strategy on Adaptation to Climate Change in 2018 (4)



ICPDR Approach for Integrating Climate Change Adaptation (1)



- **Joint understanding** of scenarios, impacts and adaptation measures and sharing a scientific knowledge base is essential
- Strategy does not include a separate programme of measures, but relevant action is **incorporated in the DRBMP and DFRMP**
- **Key cross-cutting issue** all ICPDR Expert Groups and Task Groups are mandated to fully integrate climate change adaptation in the development of DRBMP and DFRMP
- Strategy focuses on issues relevant at the Danube basin-wide level (level A) and **needs to be complemented** with further detailed planning on adaptation at sub-basin, national and/or sub-unit level

ICPDR Approach for Integrating Climate Change Adaptation (2)



- **Consultation on competing uses and priorities** to prevent potential conflicts is needed to take into account potential target conflicts and competition between different water-related users and sectors such as *agriculture, navigation, water supply, energy, industry, tourism, environment and nature protection*
- **Communication, coordination and stakeholder involvement** on climate change adaptation issues is ensured at the national level, through the ICPDR and also through different projects
- Building resilience against climate change impacts on water resources through **capacity building, transboundary cooperation and benefit-sharing** is a key priority to address climate change in the Danube River Basin

Lessons learnt and recommendations **ICPDR** **IKSD**



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- **Step-wise and cyclic approach of WFD and FD** river basin management planning process well-suited to adaptively manage climate change impacts
 - Building on increased experience and knowledge
 - Taking into account updated climate change scenarios and expected water related impacts
 - **From Knowledge to Action:** User-friendly online tool supporting users in obtaining information about possible adaptation measures (<http://www.icpdr.org/main/climate-change-adaptation-measures-toolbox>)
 - **Awareness of ongoing adaptation processes need to be raised and exchange need to be ensured** on all levels – national, sub-basin and international



For more information:

<https://www.icpdr.org/main/activities-projects/climate-change-adaptation>

