

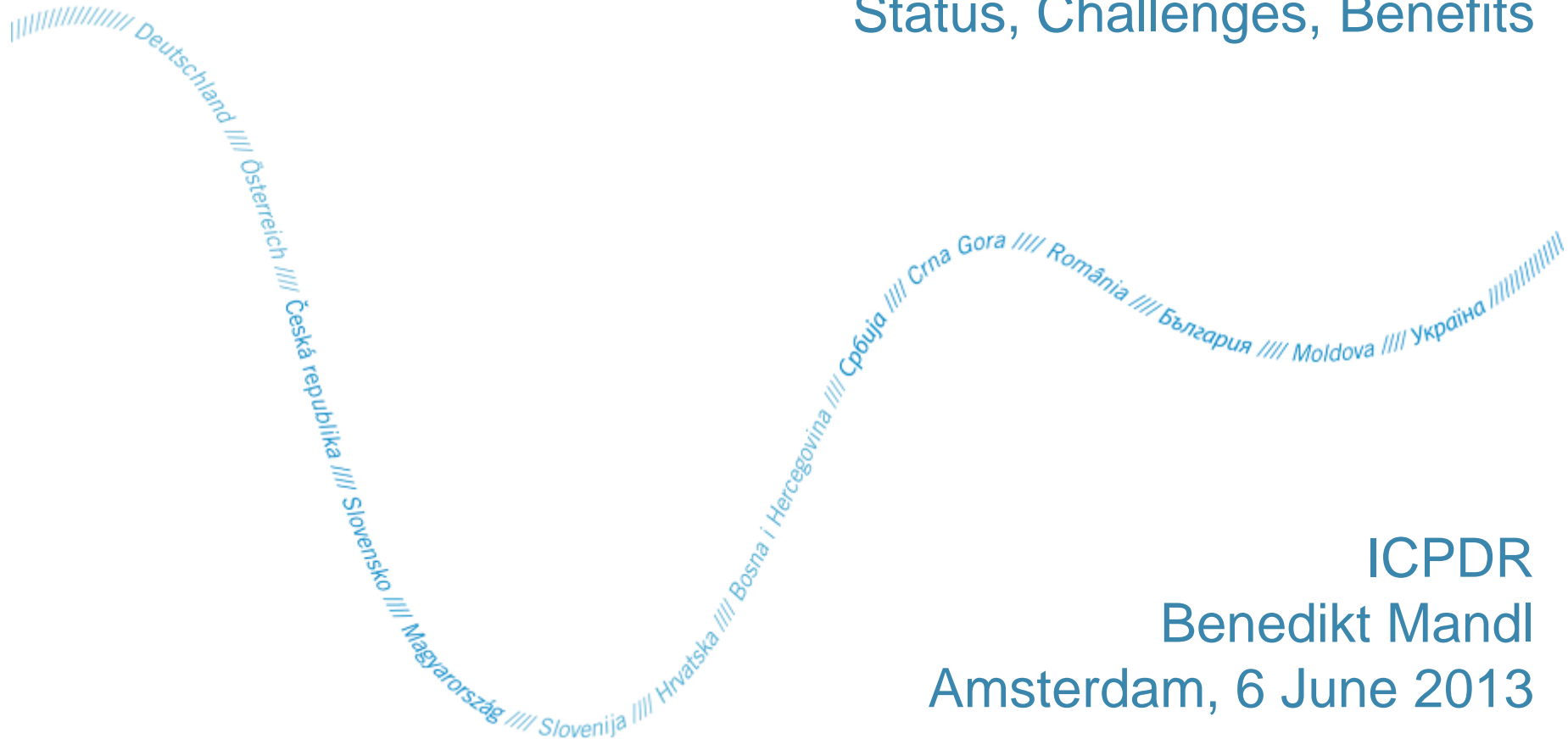
Transnational Water Co-operation in Danube Region

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

Status, Challenges, Benefits



ICPDR

Benedikt Mandl

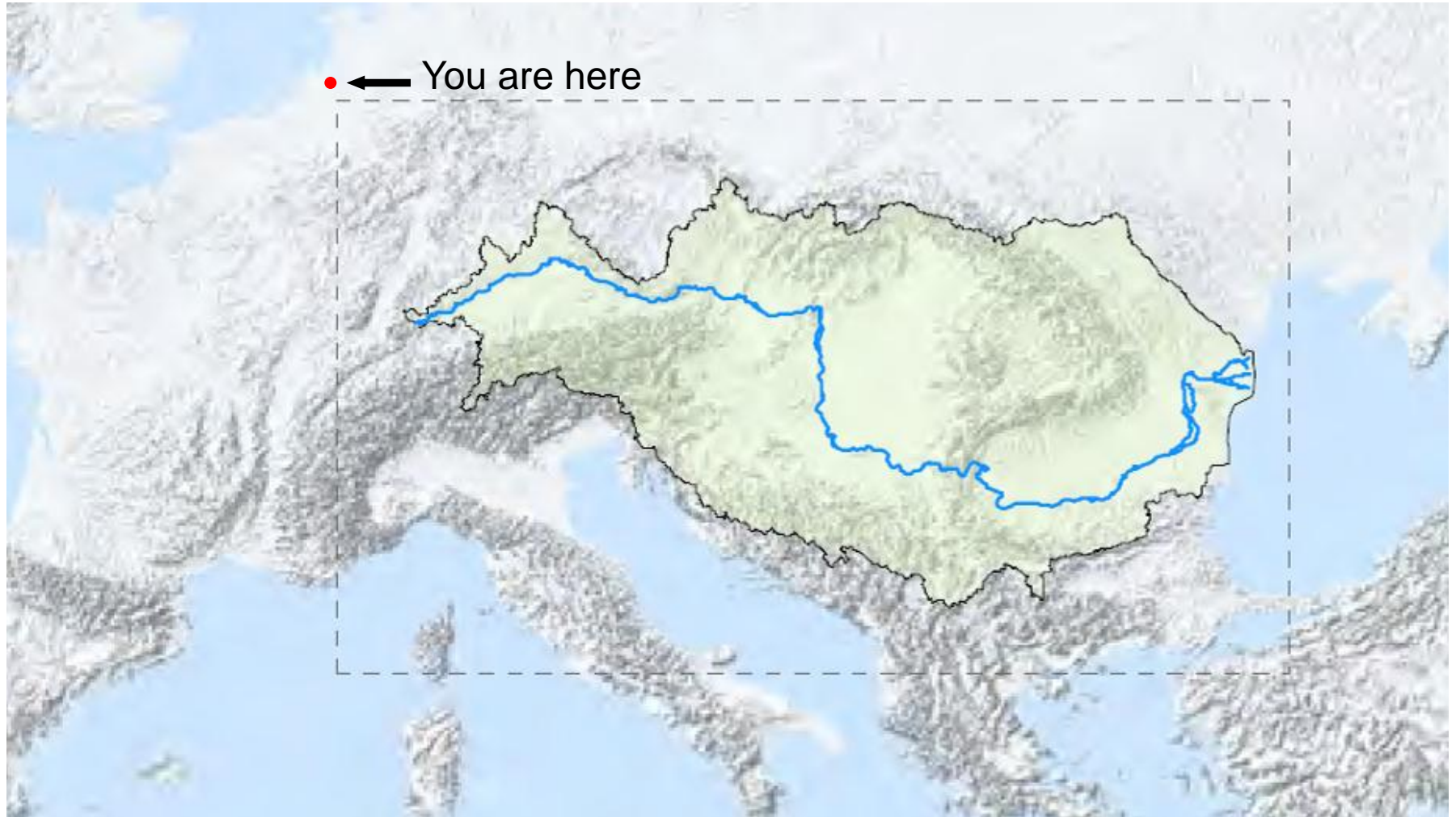
Amsterdam, 6 June 2013

Danube River Basin

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



From Black Forest to Black Sea

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



Human activities damaged the Danube

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



Danube Basin by 1990

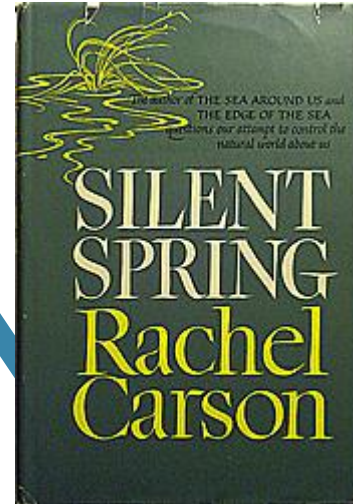
icpdr ikisd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



environmental
degradation



environmental
awareness



19 countries

Danube River Protection Convention

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

**Following Helsinki Convention:
29 June 1994, Sofia (Bulgaria)**



Protection of water &
ecological resources



Sustainable use
of water



Reduce nutrients &
hazardous substances



Manage floods
& ice hazards

**ICPDR coordinates implementation of
EU Water Framework Directive & EU Floods Directive**

Contracting Parties



Germany



Austria



Czech Republic



Slovakia



Hungary



Slovenia



Croatia



Bosnia & Herzegovina



Serbia



Montenegro



Romania



Bulgaria



Rep. of Moldova



Ukraine

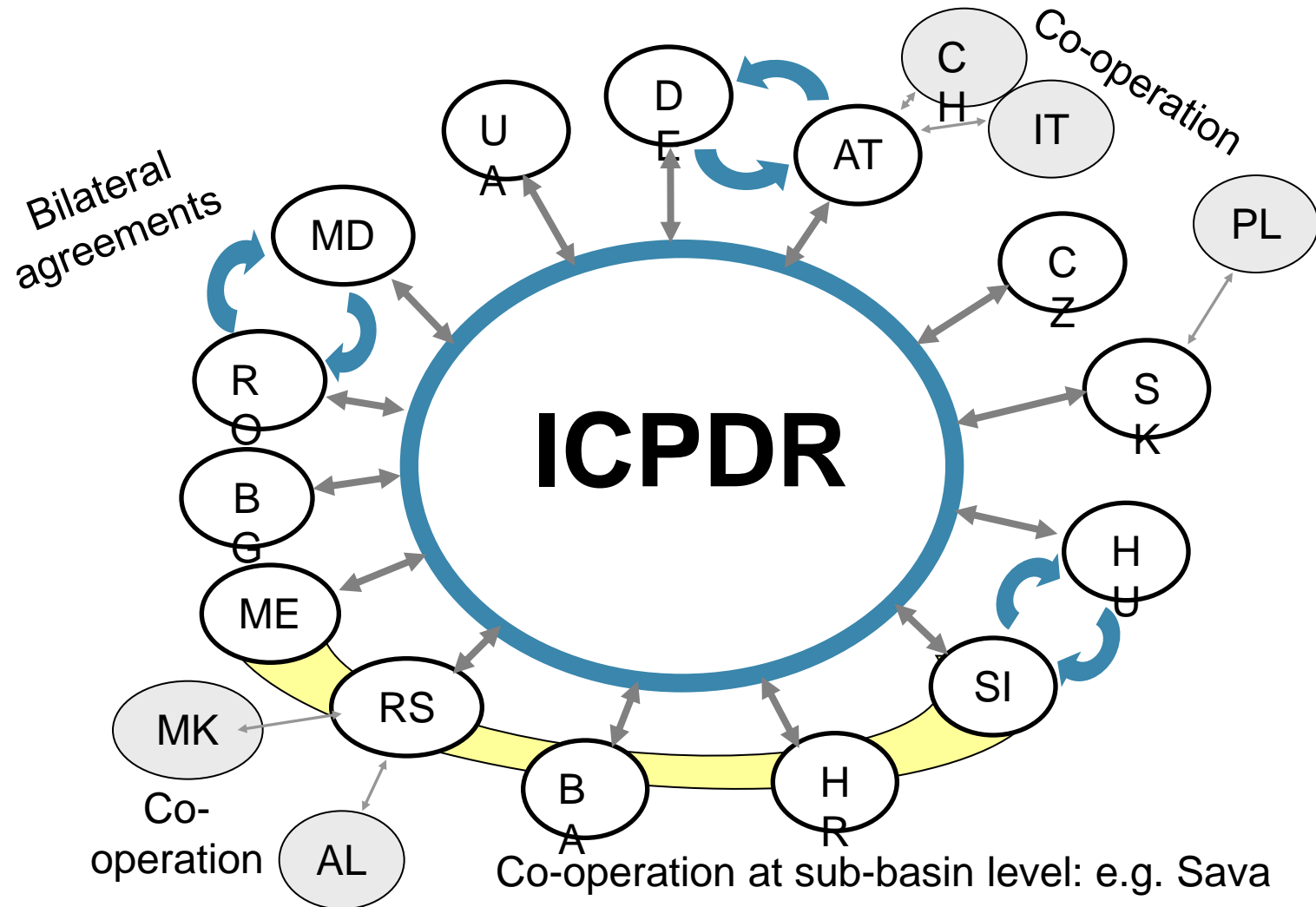


European Union

Coordination Mechanisms

icpdr iksd

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





ICPDR Delegations of Contracting Parties

ICPDR Secretariat

IMGIS EG

Information Management & Geographical Information System

PP EG

Public Participation

Flood EG

Flood Protection

MA EG

Monitoring & Assessment

APC EG

Accident Prevention/Control

PM EG

Pressures & Measures

RBM EG

River Basin Management

ad hoc S EG

ad hoc Strategic

Task Groups

Stakeholder Involvement: 22 Observers

icpdr iksd

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

viadonau



european barge union ebu



VGB



DANUBEPARKS
network of protected areas



Danube Tourist
Commission

dcc | danube
competence
center

Benefits & Drivers



- Burden of costly activities is shared
- Allows coordination of transboundary events (floods)
- Decentralisation & „Anchoring“ of ICPDR in countries (EGs) fosters sense of ownership & control
- Creates funding opportunities (UNDP/GEF)
- Stick & carrot of EU law: WFD, Floods directive, projects

Above all:

Shared waters – joint responsibilities!

EU WFD of 2000 & River Basin Management

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



Organic
Pollution



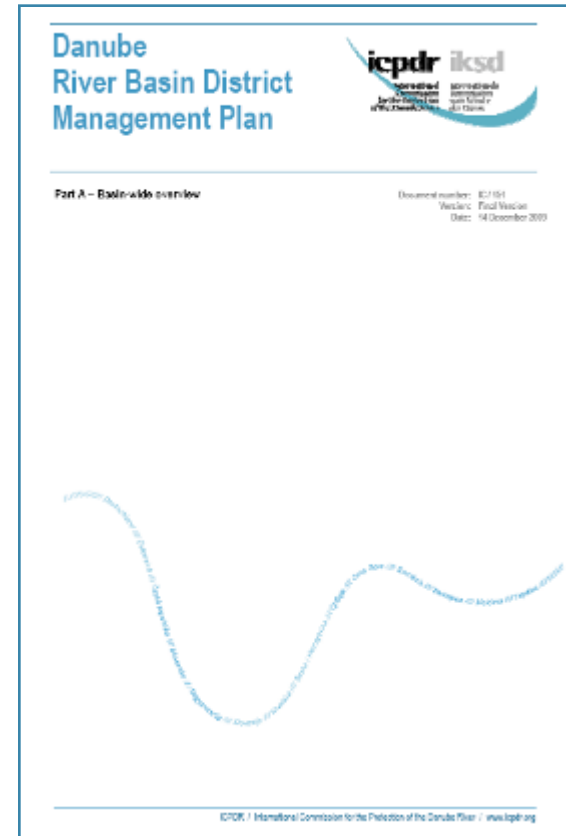
Nutrient
Pollution



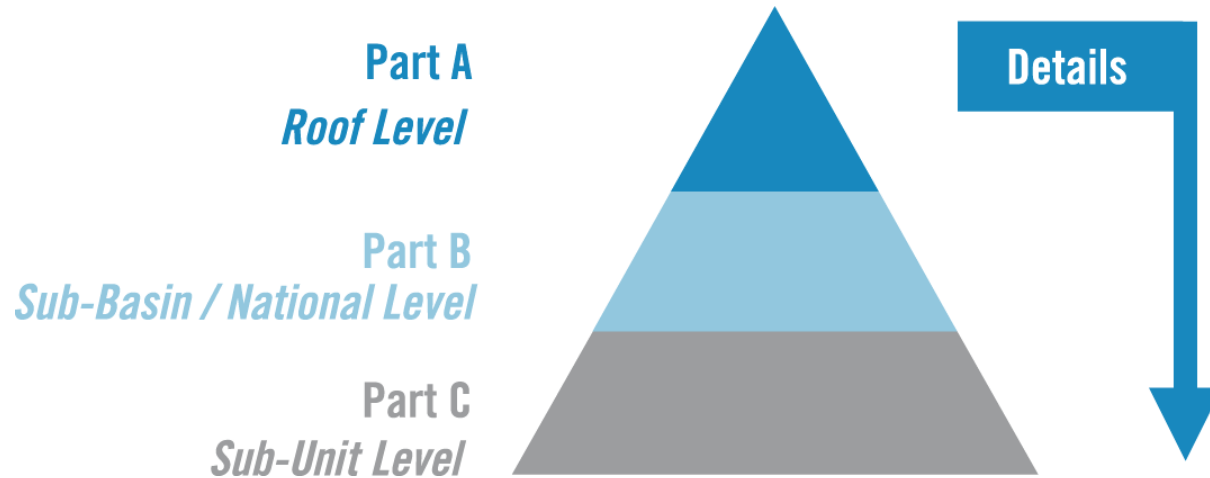
Hazardous
Substances Pollution



Hydromorphological
Alterations



WFD Coordination: 3 Levels of RBM



Part A: ICPDR

Part B: Countries, bi-lateral, sub-basin organisation

Part C: Management units within country (e.g. municipality)

EU Floods Directive & Flood Management

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



Products & Achievements

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

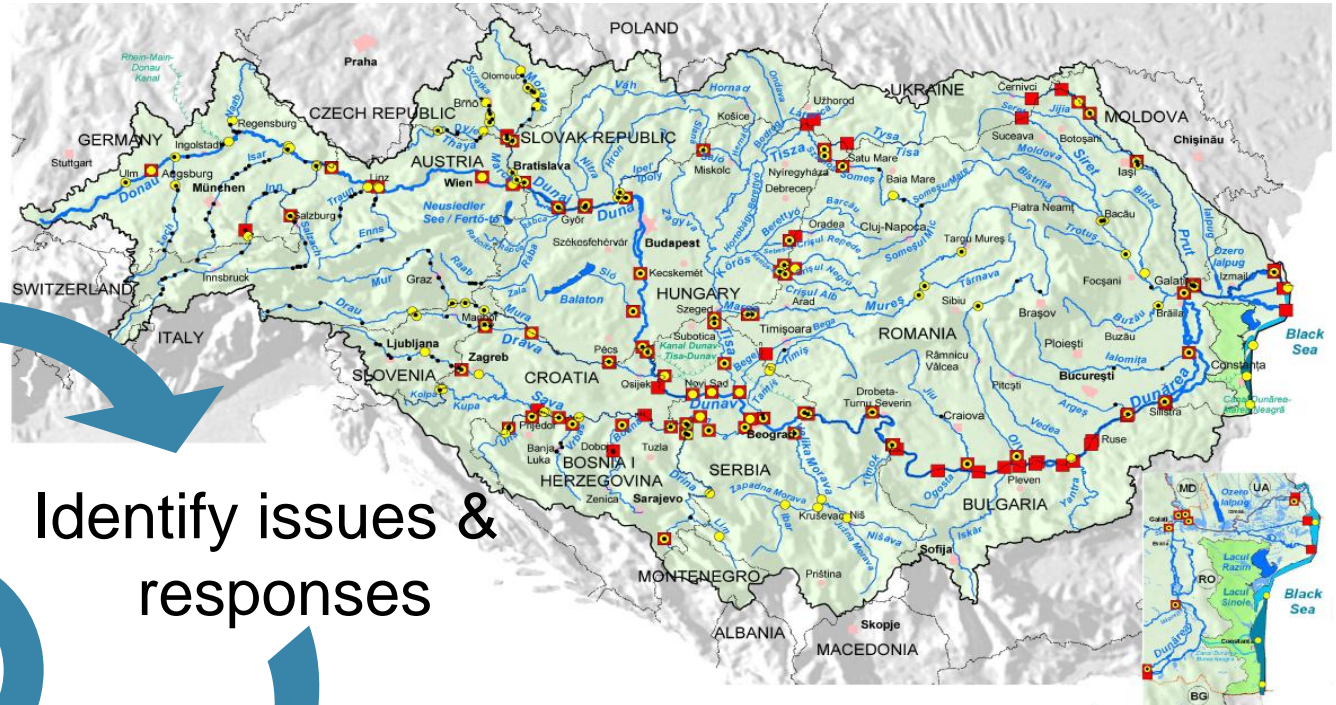


TNMN: Monitoring Waters

icpdr iksd

International
Commission
for the Protection
of the Danube River

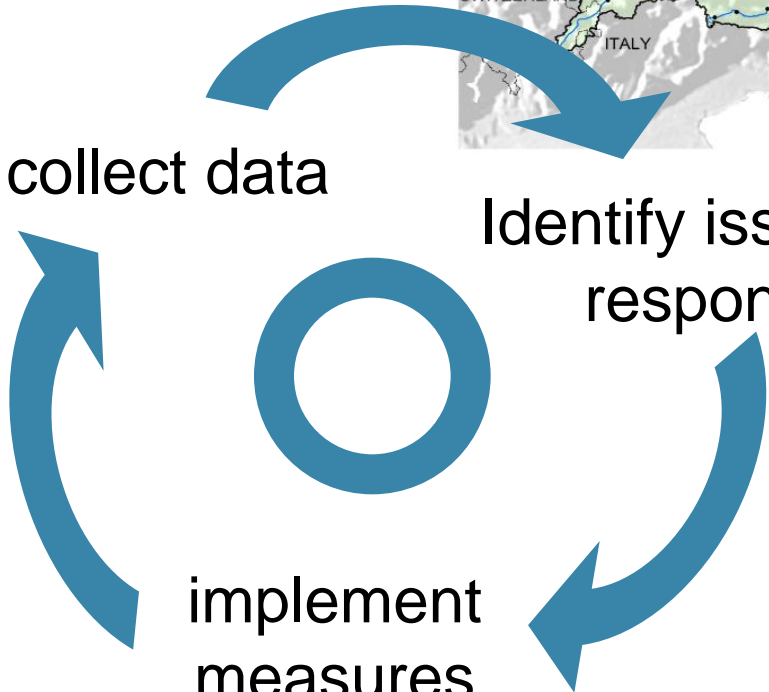
Internationale
Kommission
zum Schutz
der Donau



collect data

Identify issues &
responses

implement
measures



Joint Danube Survey

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



 **JOINT
DANUBE
SURVEY 2**



Accident Emergency Warning System (AEWS)

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

- Oct 2010: Red sludge spill results in loss of human life & environmental damage
- AEWS alert for down-stream countries
- Underlined importance of coordinated, international warning systems



Danube Day: June 29

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

DANUBE DAY

European Sturgeon

Asian Sturgeon

European Sturgeon

Danube Day June 29, 2013
www.danubeday.org

Get active for the sturgeons

The poster features a blue background with three stylized sturgeon shapes. Each shape contains a different image: the top one shows a group of people and a butterfly; the middle one shows a group of people celebrating and a crocodile; the bottom one shows a group of people and pink flowers. The text 'DANUBE DAY' is at the top right, and the event details are at the bottom.



Danube Box

Teacher's handbook

Interactive CD-ROM, working
sheets, etc.

National languages & English

www.danubebox.org



In partnership with:



Future of integrated environmental policy

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

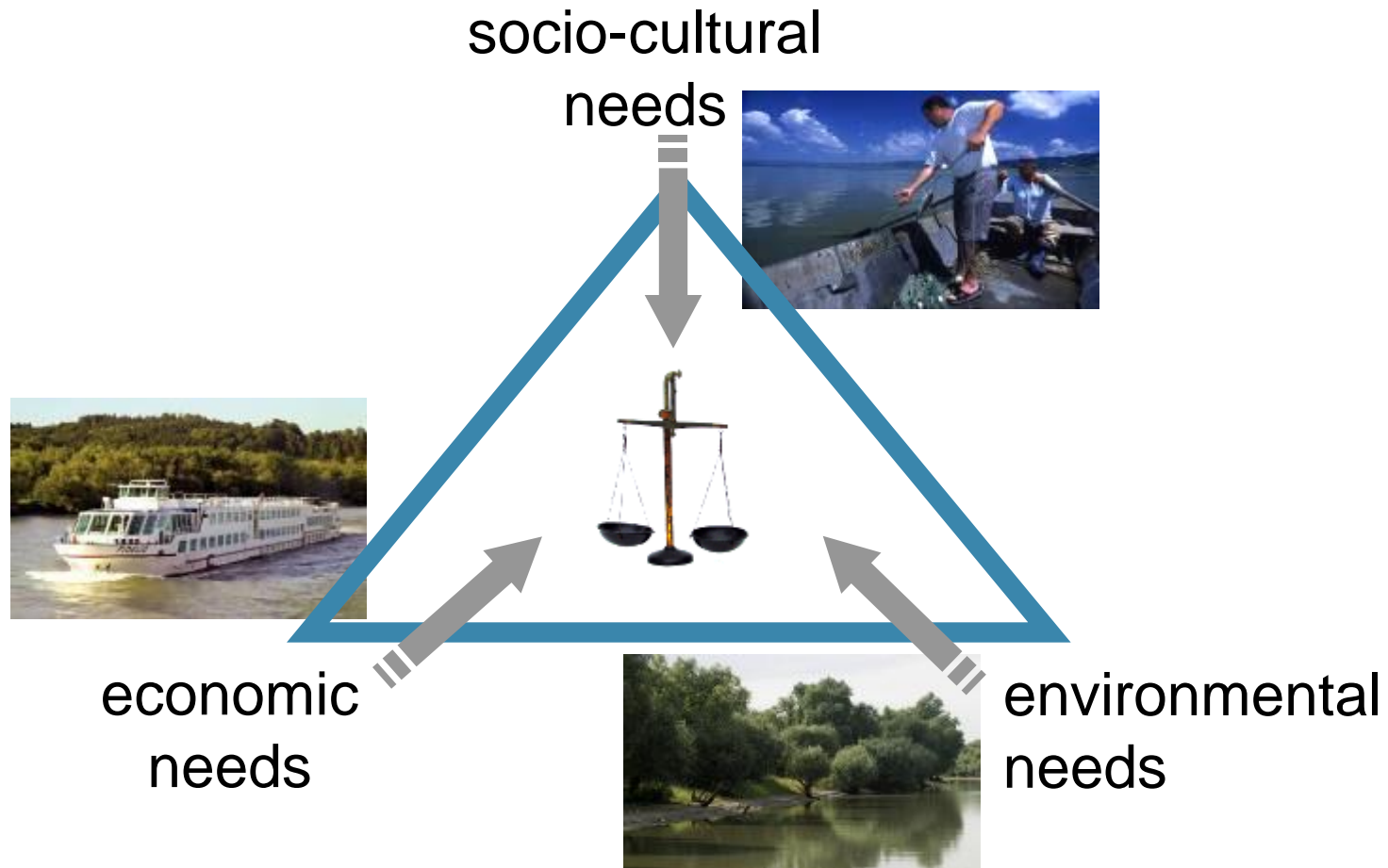


Ministerial Meeting, 16 Feb 2010

Balancing of interests

icpdr iksd

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



Areas of inter-sectoral work



Navigation



Climate Adaptation



Agriculture



Hydropower

Summary & key messages

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau

- Transboundary cooperation in DRB led to many benefits for countries: products, legal obligations, efficiency gains
- Important to find „common language“: structure of coordination mechanism, literally language, etc.
- Important to align cooperation efforts with existing frameworks (UNECE, other IOs, bi-lateral agreements, national admin)
- Quantification of benefits in € often difficult, but quality may be obvious

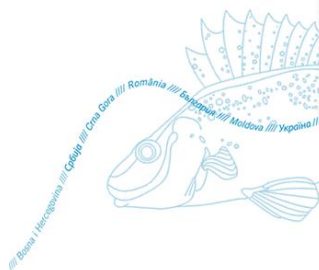
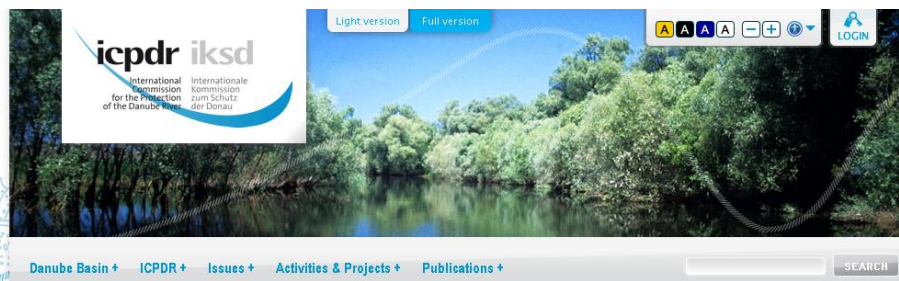


Thank you!

icpdr iksd

International
Commission
for the Protection
of the Danube River

Internationale
Kommission
zum Schutz
der Donau



Home

Public Participation Schedule WFD & EFD
Vienna, 19 Dec 2012. According to Art. 14 of the Water Framework Directive, public participation in drafting River Basin Management Plans needs to be ensured. The ICPDR now provides a blue print for Public Participation activities for the development of the 2nd Danube River Basin Management Plan (2nd DRBMP) until 2015 and the Danube River Basin Flood Risk Management Plan (1st FRMP).

[more information](#)



2013: UN International Year on Water Cooperation launched
Paris, 11 Feb 2013. In December 2010, the United Nations General Assembly declared 2013 as the United Nations International Year of Water Cooperation. A UNESCO-organised conference now marked the official launch of this year of celebration.

[more information](#)



Welcome to the ICPDR website!



We hope that this website inspires you to learn more about environmental issues affecting the Danube River Basin and how the ICPDR works towards ensuring a sustainable development of the world's most international river basin.

**Ms. Ermina Salkičević–
Dizdarević**
ICPDR President 2013

Danube Watch Magazine



Further information: www.icpdr.org