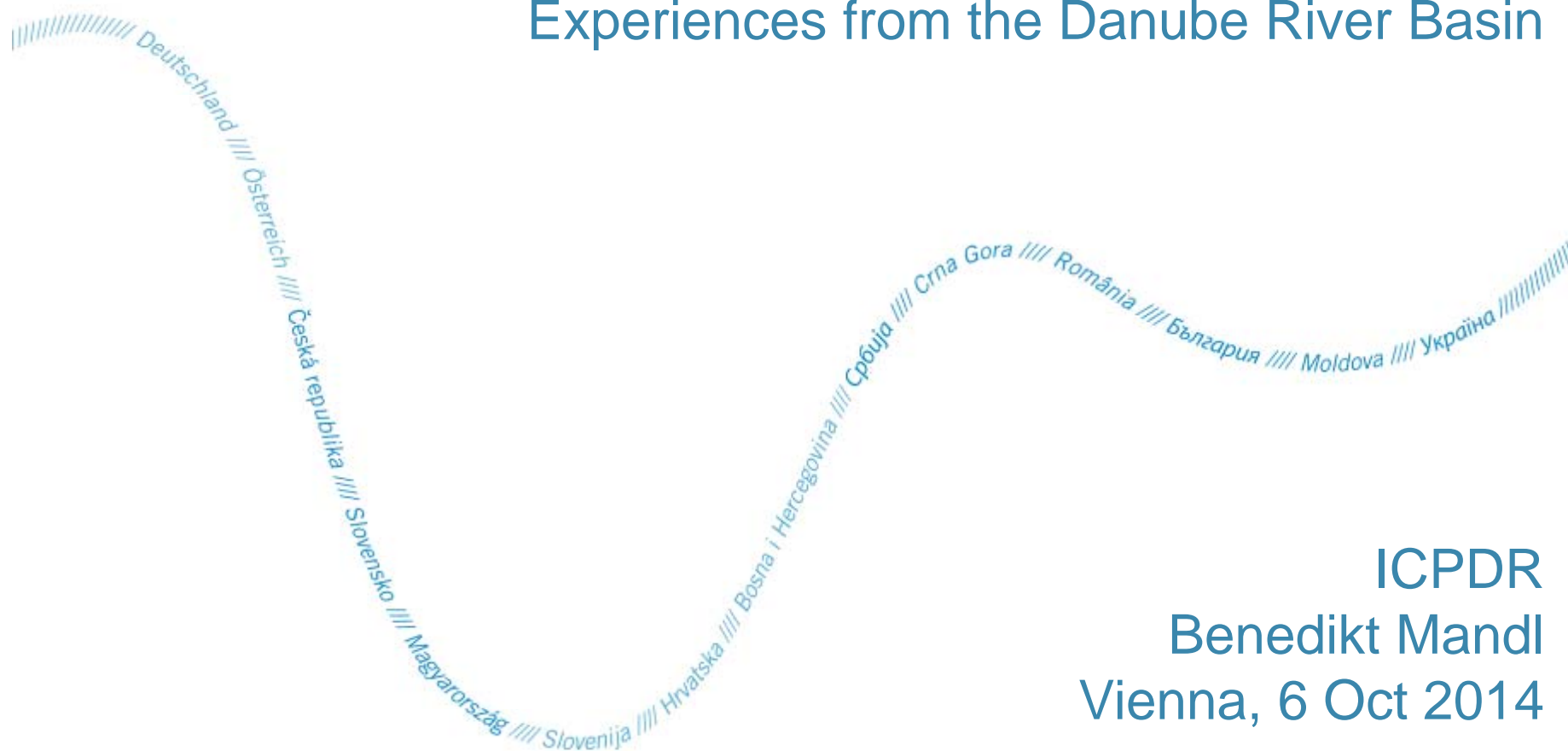

International Cooperation in Water Management



Experiences from the Danube River Basin



ICPDR
Benedikt Mandl
Vienna, 6 Oct 2014

From Black Forest to Black Sea





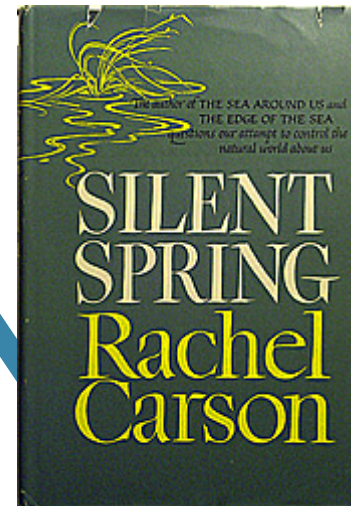
Human activities damaged the Danube



Danube Basin by 1990



environmental degradation



environmental awareness



19 countries

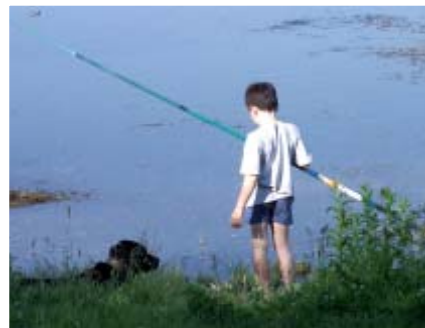
Danube River Protection Convention



29 June 1994, Sofia (Bulgaria)



Protection of water & ecological resources



Sustainable use of water



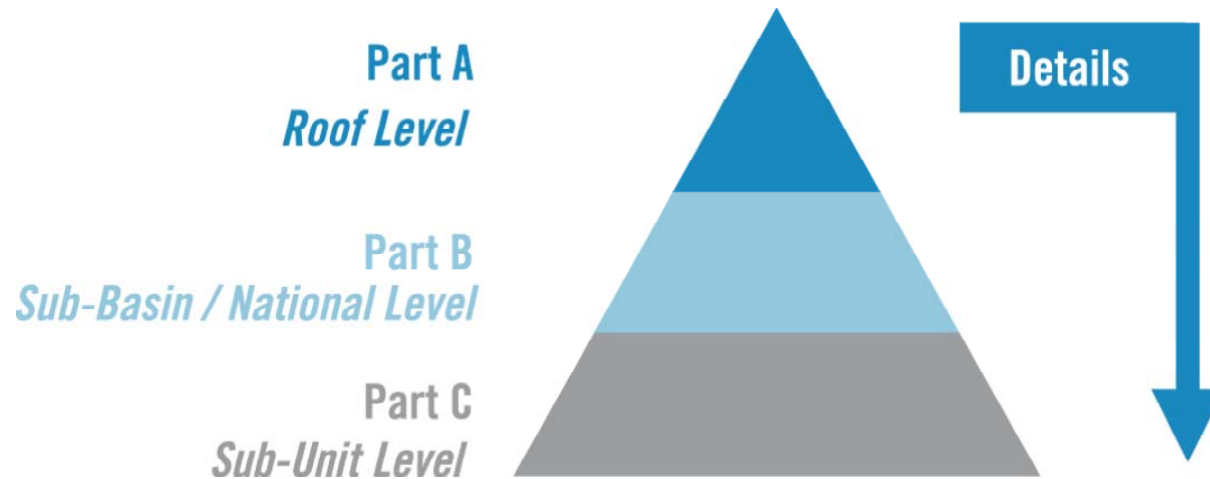
Reduce nutrients & hazardous substances



Manage floods & ice hazards

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

Role of ICPDR regarding EU Directives (WFD & EDF)



Part A: ICPDR

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

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

Contracting Parties



Germany



Austria



Czech Republic



Slovakia



Hungary



Slovenia



Croatia



Bosnia & Herzegovina



Serbia



Montenegro



Romania



Bulgaria



Rep. of Moldova

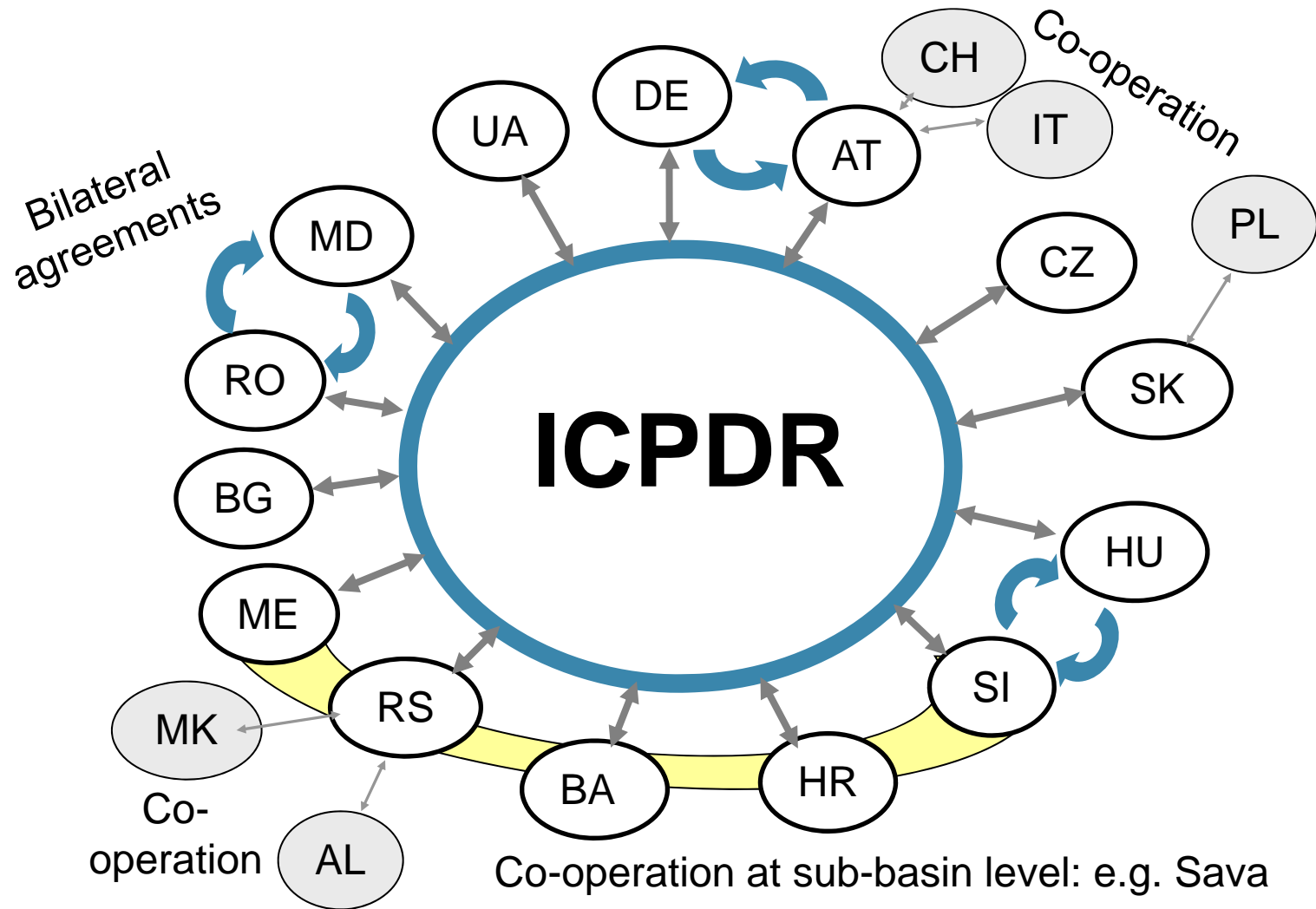


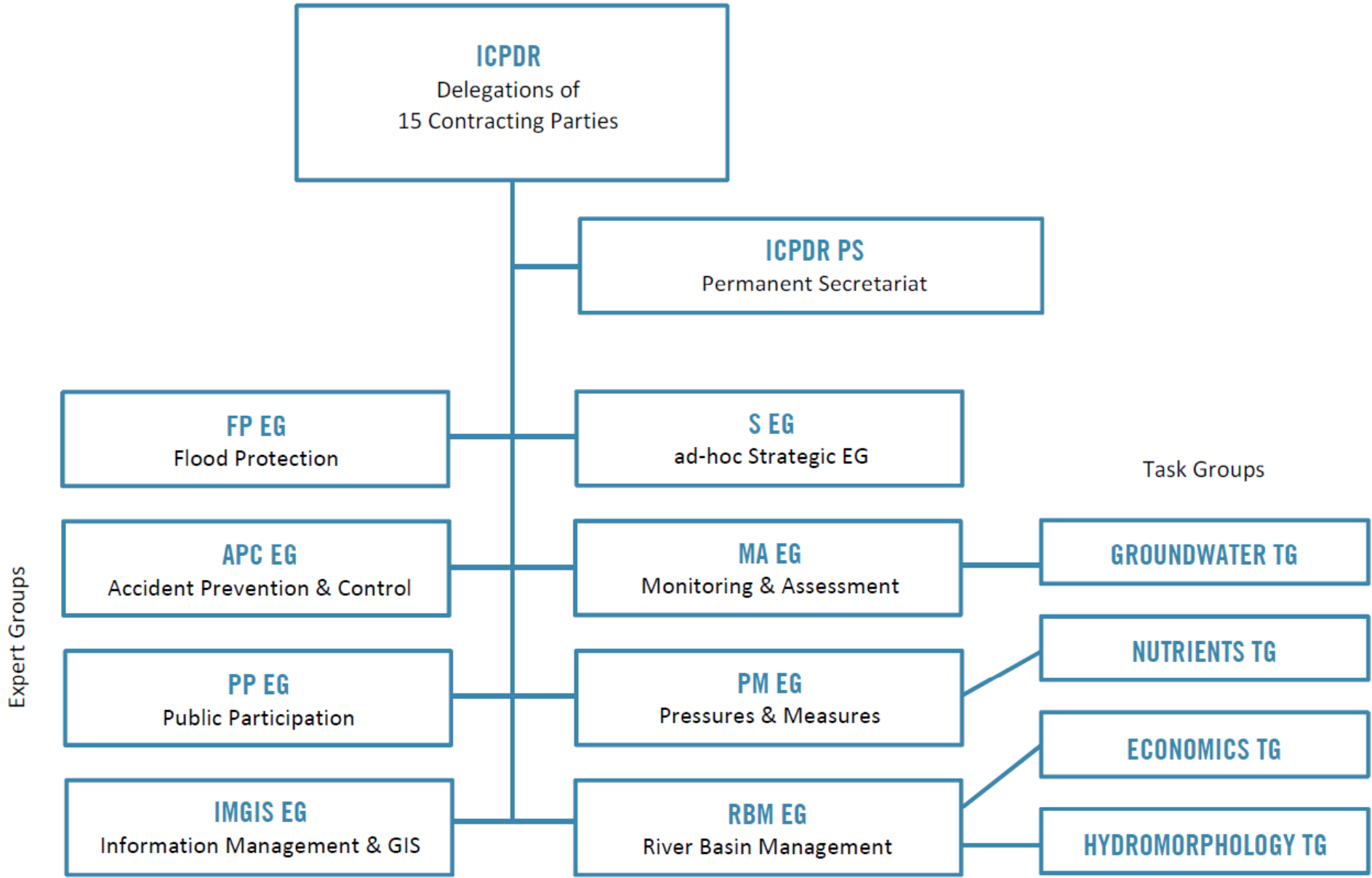
Ukraine



European Union

Coordination Mechanisms

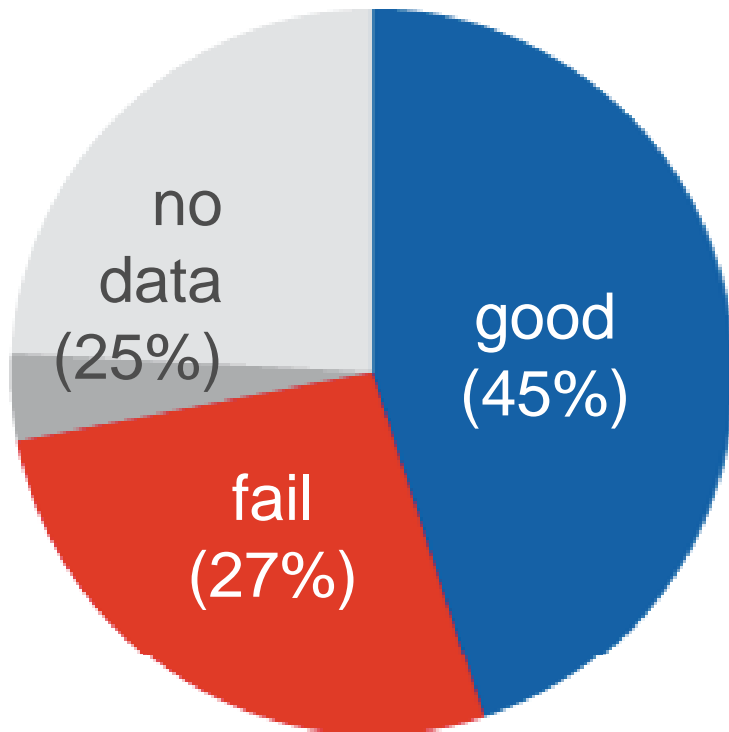




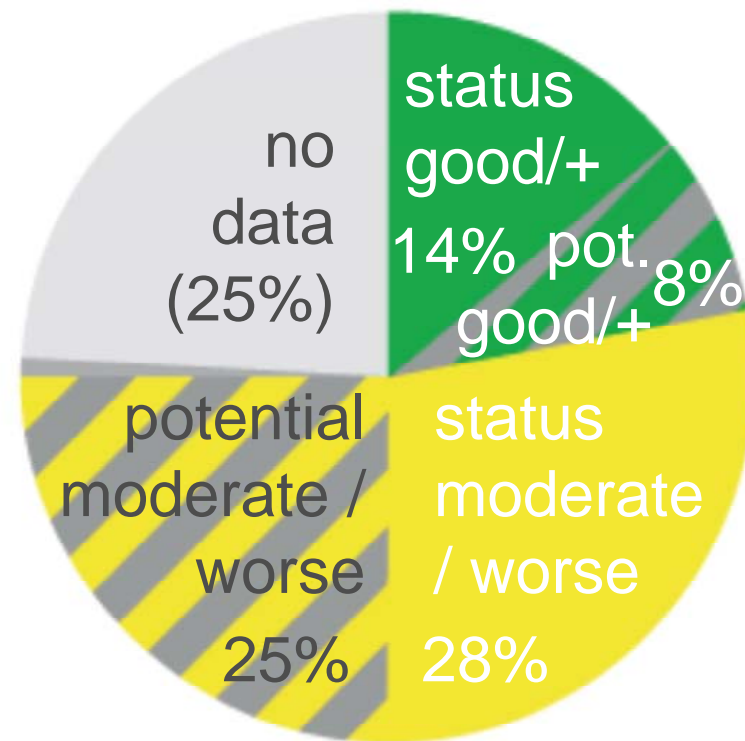
Stakeholder Involvement: 23 Observers



Condition of Danube & its Tributaries



Chemical



Ecological

Danube River Basin Management Plan



Organic
Pollution



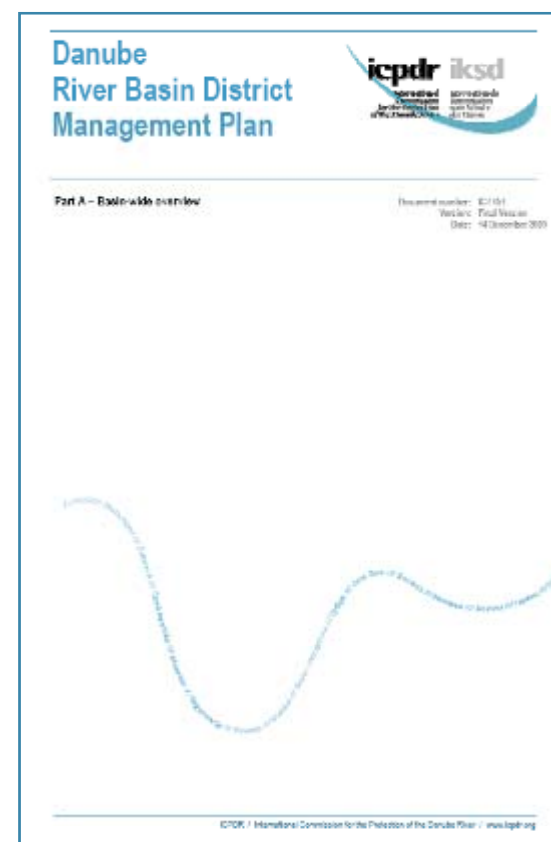
Nutrient
Pollution



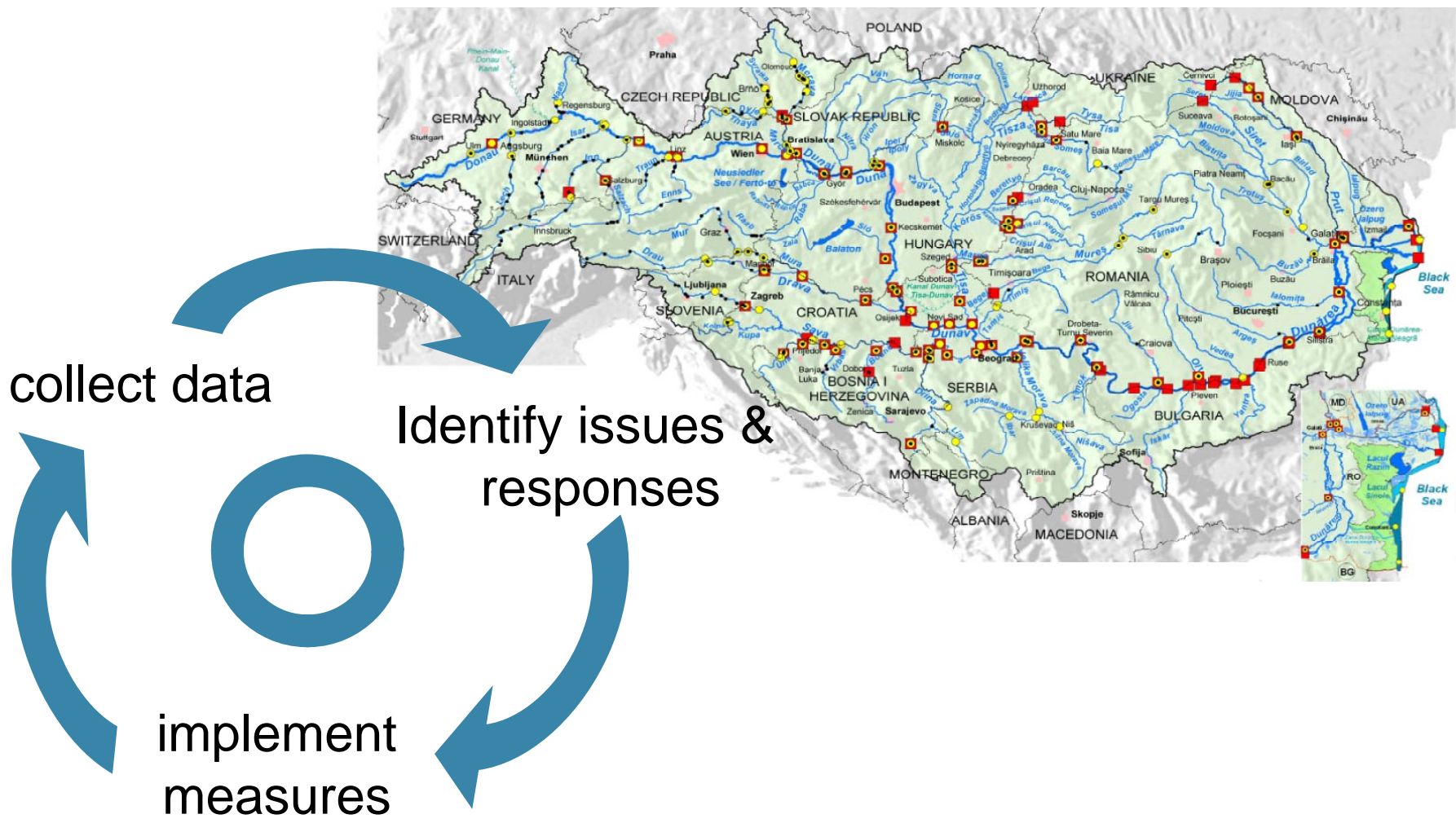
Hazardous
Substances Pollution



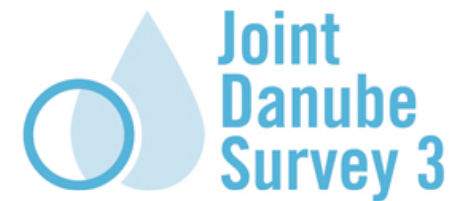
Hydromorphological
Alterations



TNMN: Monitoring Waters



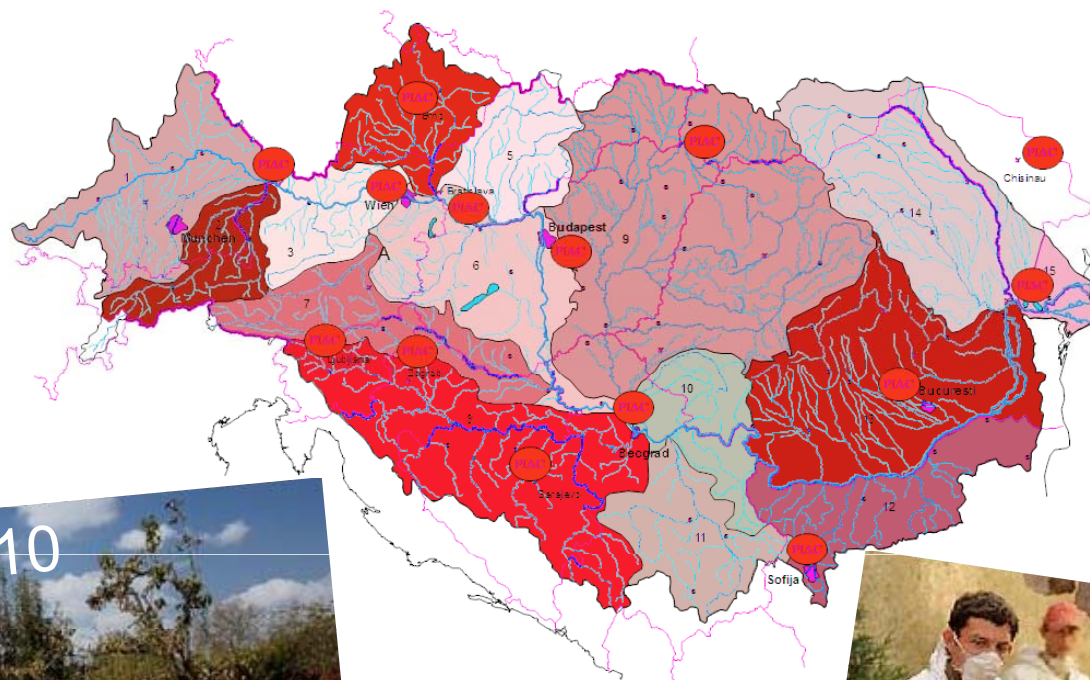
Joint Danube Survey



Risk Spot Inventory



Accident Emergency Warning System (AEWS)



Flood Management



Sustainable Flood Protection



2015: Flood Risk
Management Plan for
Danube Basin

Implementation of
EU Floods Directive

EU FLOODRISK project

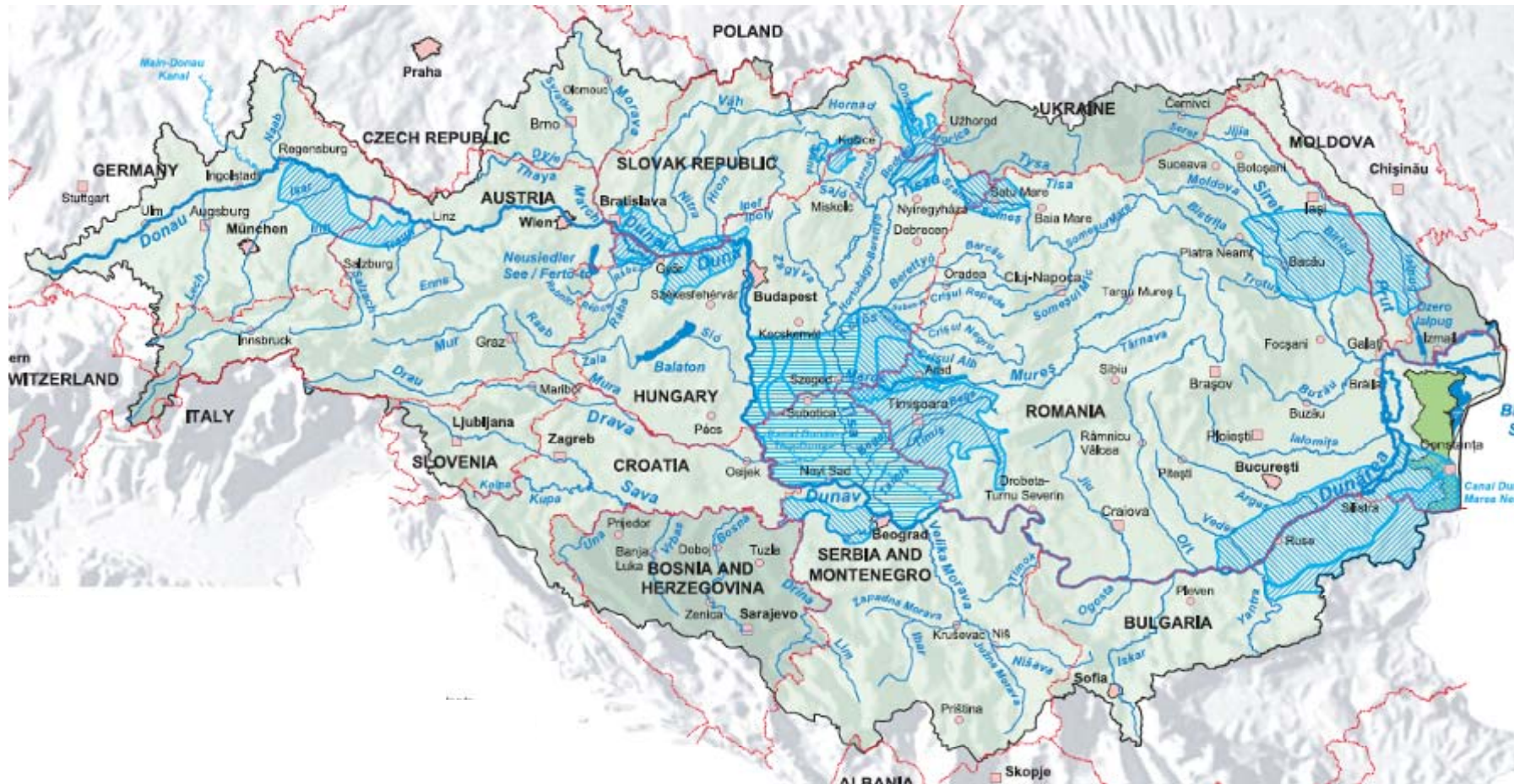
17 flood action plans for sub-basins prepared in 2009

Flood Action Programs list hundreds of measures

Groundwater Management

icpdr iksd

International Commission for the Protection of the Danube River
International Commission for the Protection of the Danube River



Danube Day: June 29



DANUBE DAY

Mayan Sturgeon
Hudson Sturgeon
European Sturgeon

Danube Day June 29, 2013
www.danubeday.org

Get active for the sturgeons



Danube Box

Teacher's handbook

Interactive CD-ROM, working sheets, etc.

National languages & English

www.danubebox.org



In partnership with:

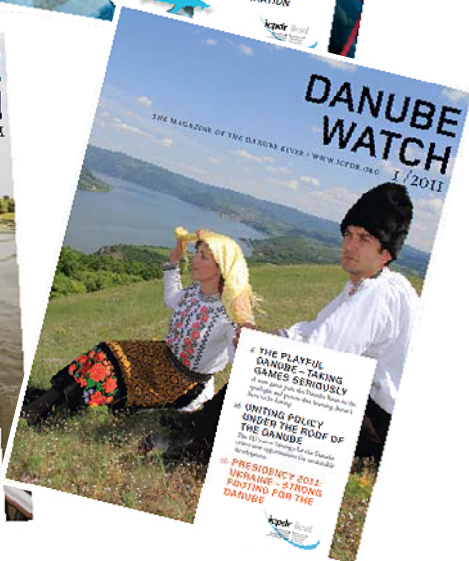
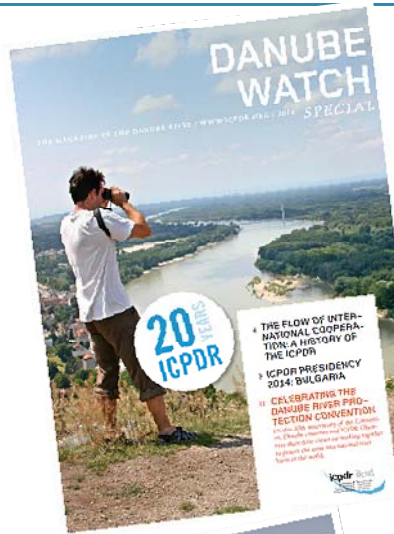


Danube Watch

icpdr iksd

International
Cooperation
for the Protection
of the Danube River

International
Commission
for the
Protection
of the Danube
River

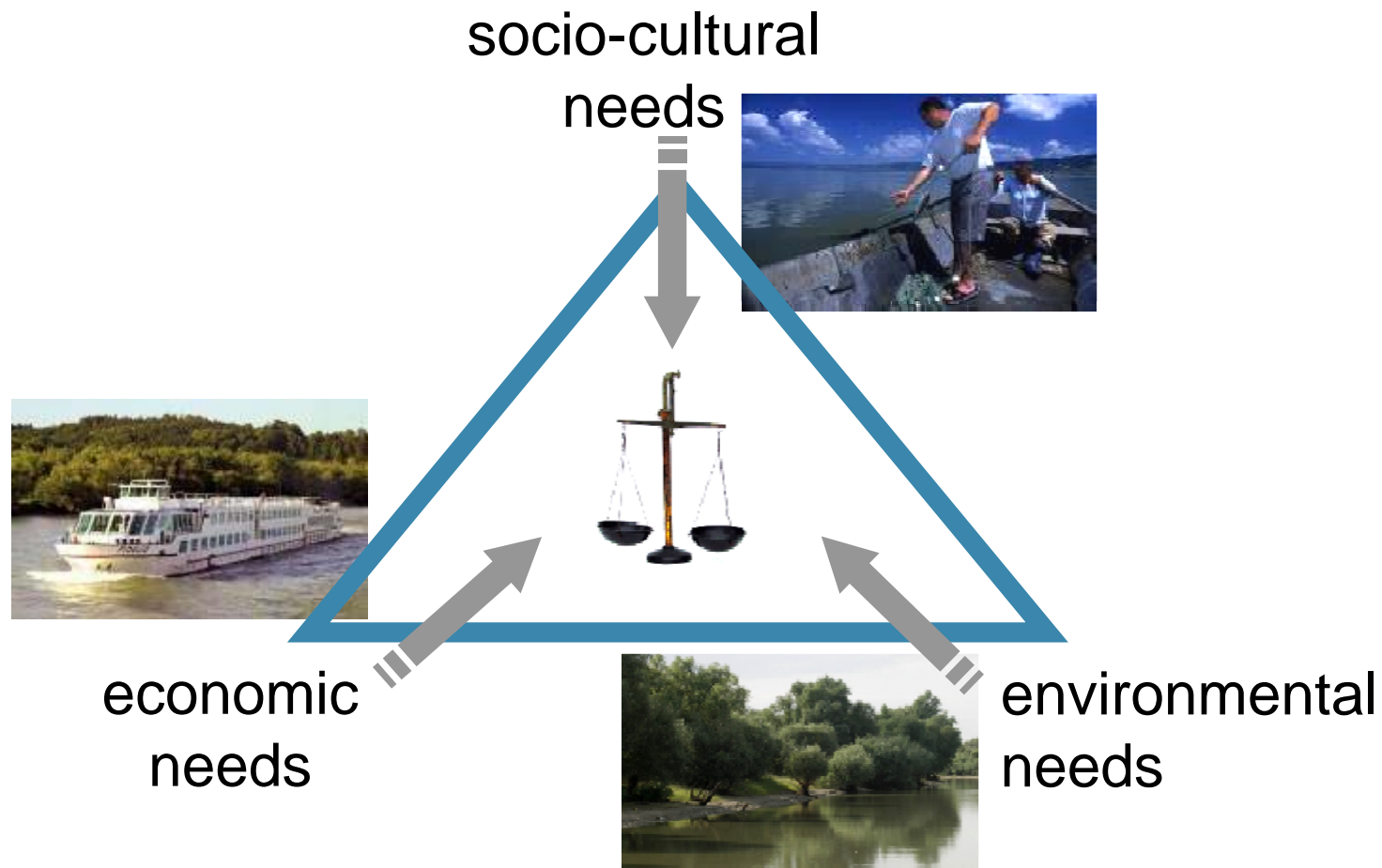


Future of integrated environmental policy



Ministerial Meeting, 16 Feb 2010

Balancing of interests



Areas of inter-sectoral work



Navigation



Climate Adaptation

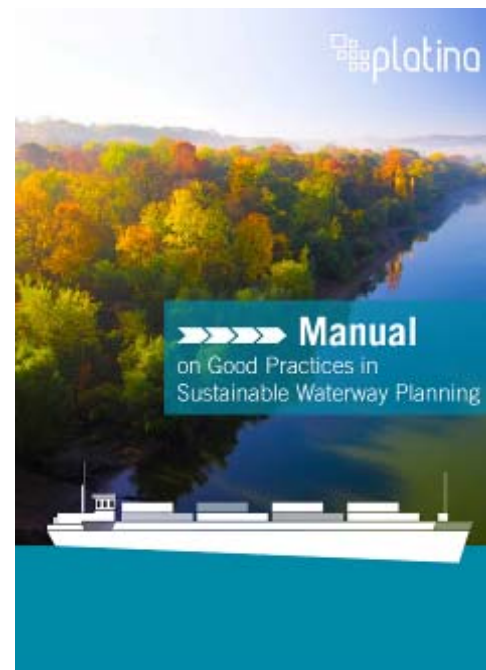
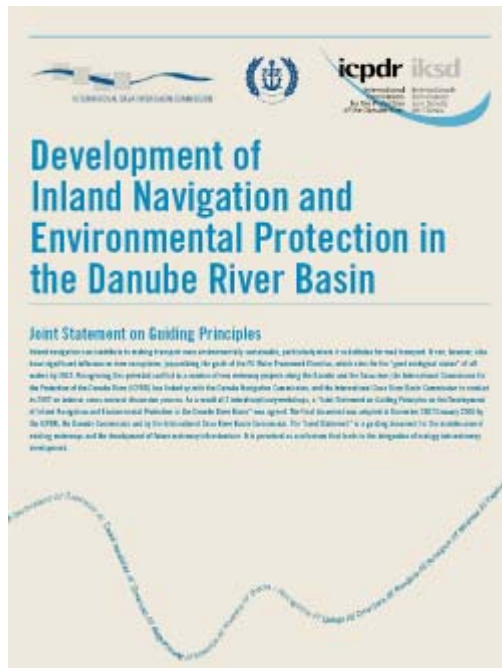


Agriculture

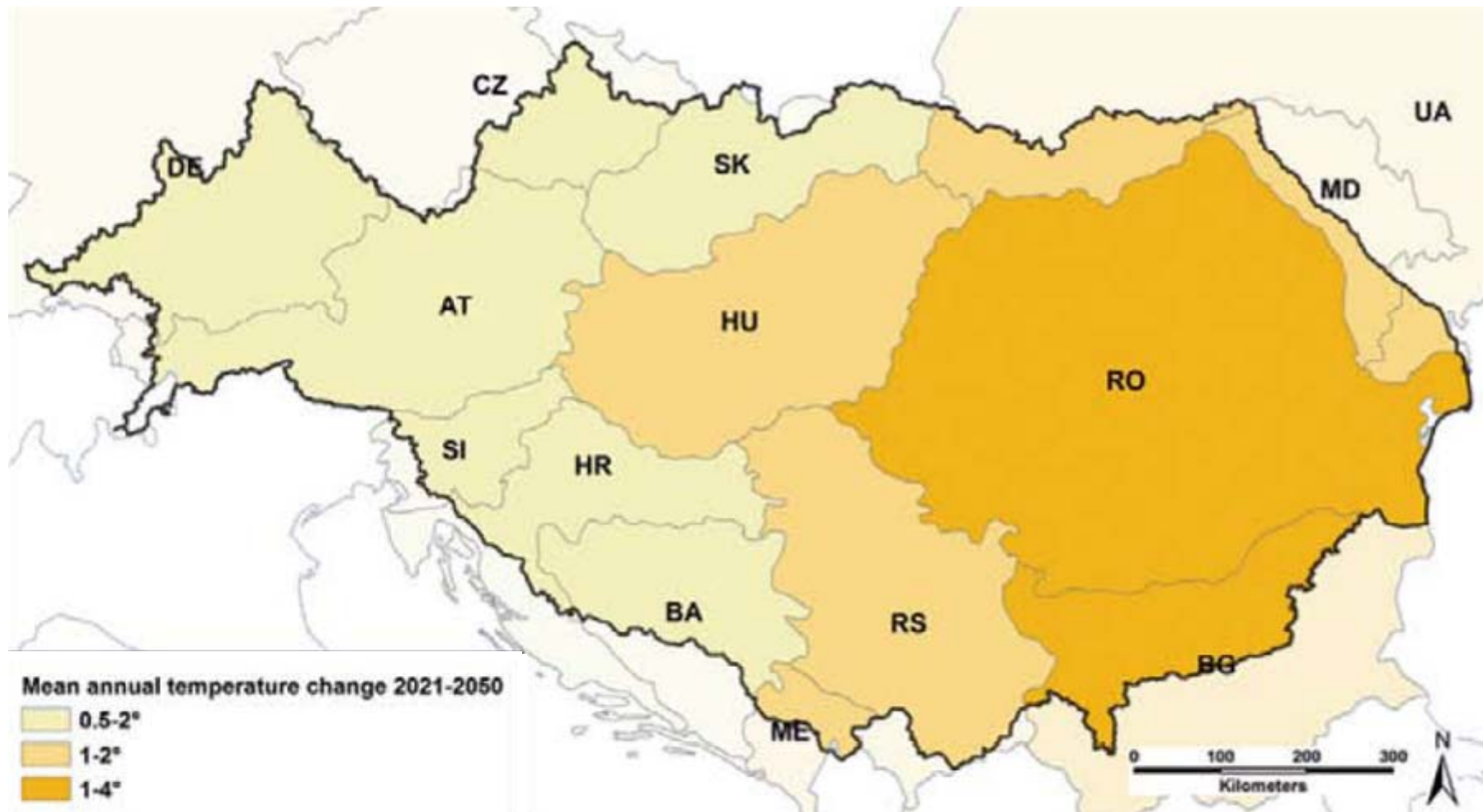


Hydropower

Inland Navigation



Climate Adaptation



Agriculture

icpdr iksd

International
Commission
for the Protection
of the Danube River
International
Commission
for the Danube
River

Agricultural Forum Budapest, 23 March 2012



1 Zoltan Seemerey, Hungarian Landowners Organization and Manfred Ritzke, IOPPS, Project manager
2 Andreas Beckmann, WWF Danube Carpathian Program
3 Balazs Medgyesi, Commissioner for the EU Strategy for the Danube Region, Hungary
4 Ulrike Gehmlicher, Coca-Cola Hellens
5 Tony Baynes and Tim Copeman, Coca-Cola Hellens
6 Joachim Heidemeier, Umweltbundesamt (Germany) and **Michaela Popovici**, ICPDR Secretariat

7 Adriana Mircea Mircea, GE, Romania
8 Daniela Cetana, Ministry of Environment and Forests, Romania
9 Lukas Maier, Agrana
10 Meglena Pughitschieva, National Assembly of Bulgaria
11 Wolfgang Stalzer, ICPDR President 2012



Guiding Principles on Hydropower



Cooperation with business



Thank you!



A screenshot of the ICPDR website homepage. The header features the ICPDR/IKSD logo, navigation links for 'Danube Basin', 'ICPDR', 'Issues', 'Activities & Projects', and 'Publications', and a search bar. The main content area includes a 'Danube:Future' section with a photo of a river, a 'Flood Management' section with a photo of a flood sign, and a 'Welcome to ICPDR.org!' section with a photo of a pipe discharging water. The website also has a 'Home' link and a 'LOGIN' button.

Further information: www.icpdr.org