

# Integrated Management of Shared Groundwater in SE EU

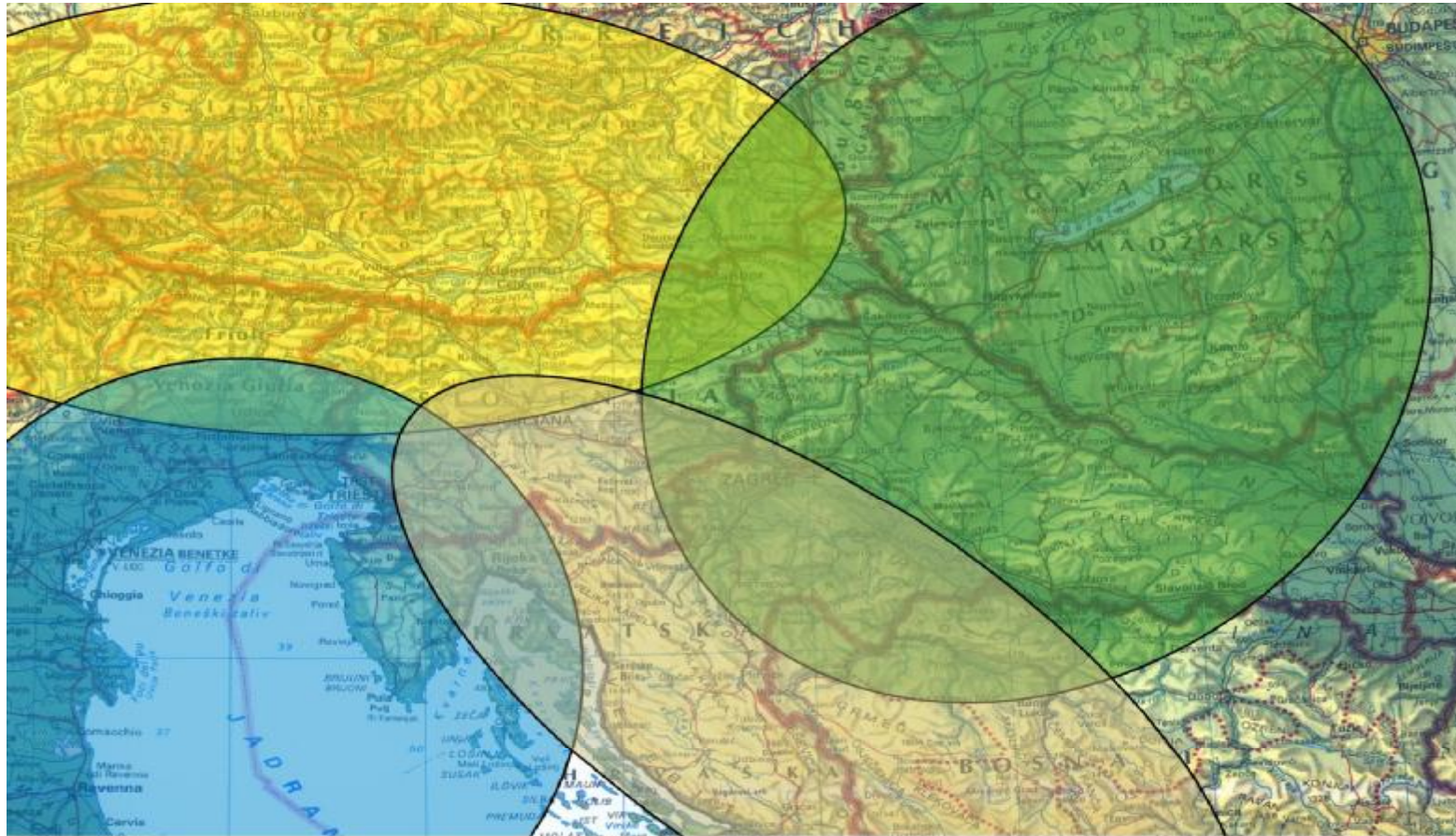
## Why this Roundtable in Slovenia ?

- upstream country
- contribution to enhanced dialog for shared water bodies
- tradition & lessons learned

# Hydrogeographical situation



# Contact of ecoregions



ALPE



DINARIDI



SREDOZEMLJE



PANONIJA

**Petersberg Phase II / Athens Declaration Process**  
**Principles for Multipurpose Management in the Sava River Basin**  
**Zagreb, 15 - 17 November 2006**

**Management of Aquatic and Environmental  
Ecosystems in SE Europe**

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secretar

Ministry of the Environment and Spatial Planning  
Republic of Slovenia

Organized by  
**German Ministry for the Environment, Nature Conservation and Nuclear Safety and  
International Sava River Basin Commission**

Within the framework of  
**Petersberg Process Phase II / Athens Declaration Process**  
and  
**GEF IW:LEARN, Activity D2**



1. Transboundary context
2. Appropriate scale to address the problem
3. Integration of sectoral problems in RBM
4. How to be pragmatic?

What scale is appropriate?

- REGIONAL

- SUBREGIONAL



# Issue: Transboundary Context



- Improve quality of life
- Enhance transboundary cooperation for development
- Preserve/enhance ecological status of water environment

# Why Sub-regional approach?



ICPDR/UNDP, Vienna, April, 2005

- In specific part of the Region you get closer to **geographic socio-economic problem**



**SOLUTION**

# Development



# Sava RB Conflicts and solutions

- Navigation/high ambitions
- Maintenance of river bed/gravel abstraction
- Hydropower
- floods
- **Extensive retention areas: high biodiversity**
- **Flood control**
- **drought management**
- **renewable sources**

## In focus

- **Quality of life and good ecological status**
- **Feasibility studys for SD (multipurpose economic uses) on transboundary river/costal area/ground water to avoid conflicts - create synergie!**

# Integrate the “sectoral problem”



- Navigation is No 1
- Navigation: is one of economic activities in RB



- Protocol for Navigation
- FASRB – EU WFD approach



## Ground water: Regional asset



- **Max. precipitation in Med and DRB**
- **rich fresh water resources**
- **Challenge for SD in the era of Climate Change**

# Interregional cooperation

- Reason: specific RB characteristics
- Use case of good practice – **exist in the region!**
- management of **water/land use** needed

# In focus: HOW to enhance ?

- Management of Shared Groundwater resources

taking into account

Climate Change : **An Opportunity for Growth**

# YOU are important

to contribute in

- vision
- consensus

for APPLICABLE

management of shared groundwater resource

# Adriatic is Black Sea of Mediterranean



- Growing Pressures from LBS and Navigation
- Adriatic ECO region/EU Marine Strategy
- PSSA/IMO
- Adriatic Sea Partnership

## ICPDR - MAP/UNEP cooperation

- Exchange of good-practice on regional level
- Subregional level to enhance cross-border water resources management in **Dinaric/Adriatic Ecoregion** – in focus specific RB characteristics for sustainable DEVELOPMENT in Mediterranean and Danube region

(Institute for Karst research Postojna/Slovenia, 22. September, 2006)

# How to be pragmatic in RBM ?

- Local level
- National level
- Transboundary level
- Regional level
- EU/non EU level

# Lessons learned

- Cooperation on local level
- Cooperation on national level
- Cooperation on transboundary level
- and if possible – combine approach

Thank You