

Experiences of coordinators:
Challenges, achieved solutions and detected failures to
address particular aspect in macroregional strategy

Mitja Bricelj, coordinator TSG 3 EUSAIR



Issues:

- Danube/Sava RB
- Adriatic- Ionian
- Alps

Slovenia and EUMRS



Framework

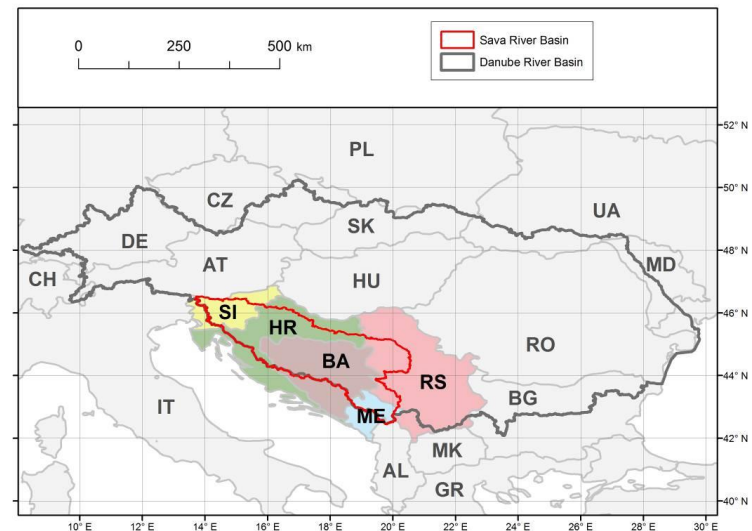
- **Framework Agreement on the Sava River Basin (FASRB)**

Sustainable development of the region
through **transboundary water cooperation**

- **Particular objectives – to establish:**

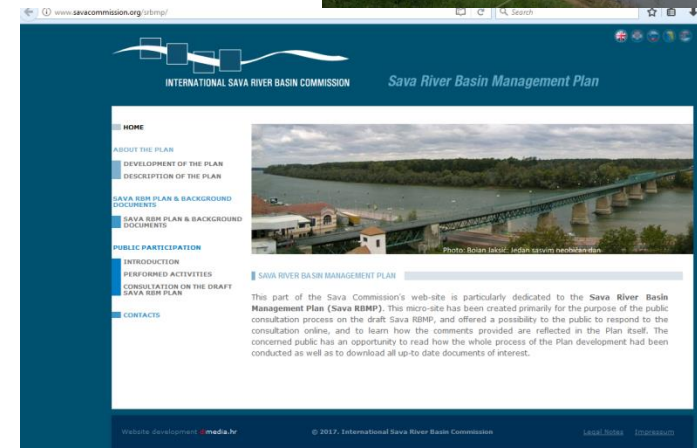
- Sustainable **water management**
- Sustainable **hazard management**
accidents, etc.)
- International regime of **navigation**

- **ISRBC**
+ Montenegro)



Scope

- **Management plans** (river basin, flood risk, sediment, climate adaptation, contingency)
- **Integrated systems** (information, forecasting, warning)
- **Economic activities** (navigation, river tourism, ...)
- **Policy** (harmonization, policies/guidelines, protocols to FASRB)



Cooperation

- **International level**

- **Institutions of EU, UNECE** and other **UN** organizations (UNESCO, UNDP, WMO)
- **River commissions** (ICPDR, DC, ICPR, CCNR, etc.)
- **Regional organizations / processes / initiatives** (OSCE, REC, RCC, SEETO, GWP-Med, SECI, Danube Cooperation Process, Petersburg Phase II / Athens Declaration Process)
- **Professional organizations / networks** (PIANC, GIS Forum, SedNet)
- **Financial institutions / funding programs** (WB, EBRD, EIB, WBIF, GIZ)
- **NGOs** (WWF, Euronatur)

- **National level**



PP - Provision of information

- **Trainings, courses, capacity building workshops**
- **Publications** (SavaNews Flash, leaflets, posters, flyers)
- **Events** (press-conf., Sava day celebrations – e.g. *Youth Parlaiment*)
- **Web-site** (7 languages)



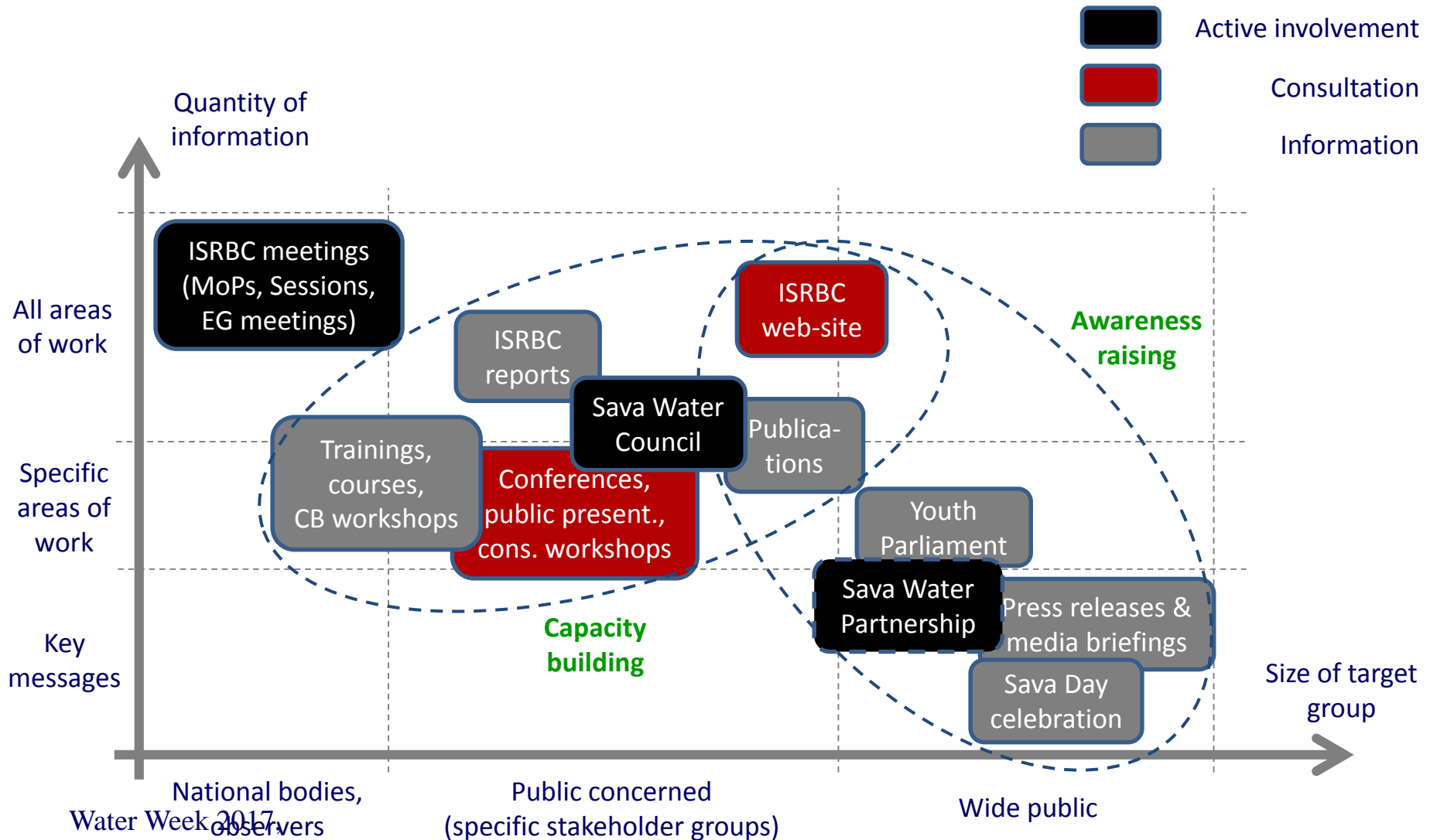
Int. Summit, Rome, 23-25
October 2017



Public participation (PP)

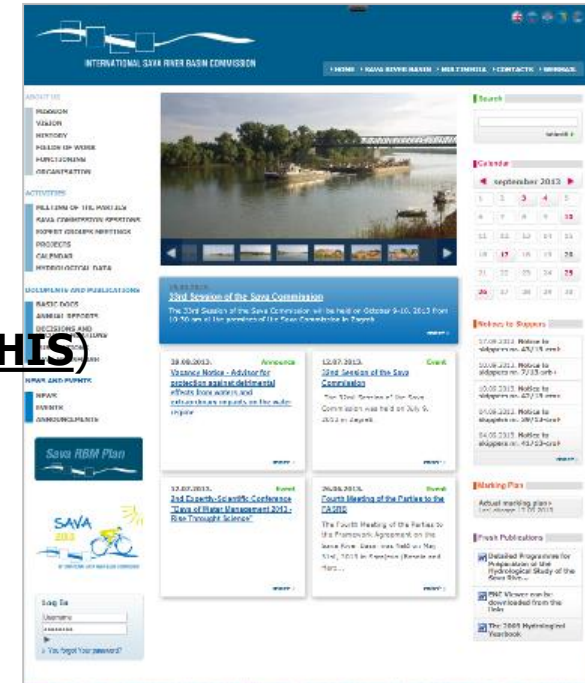
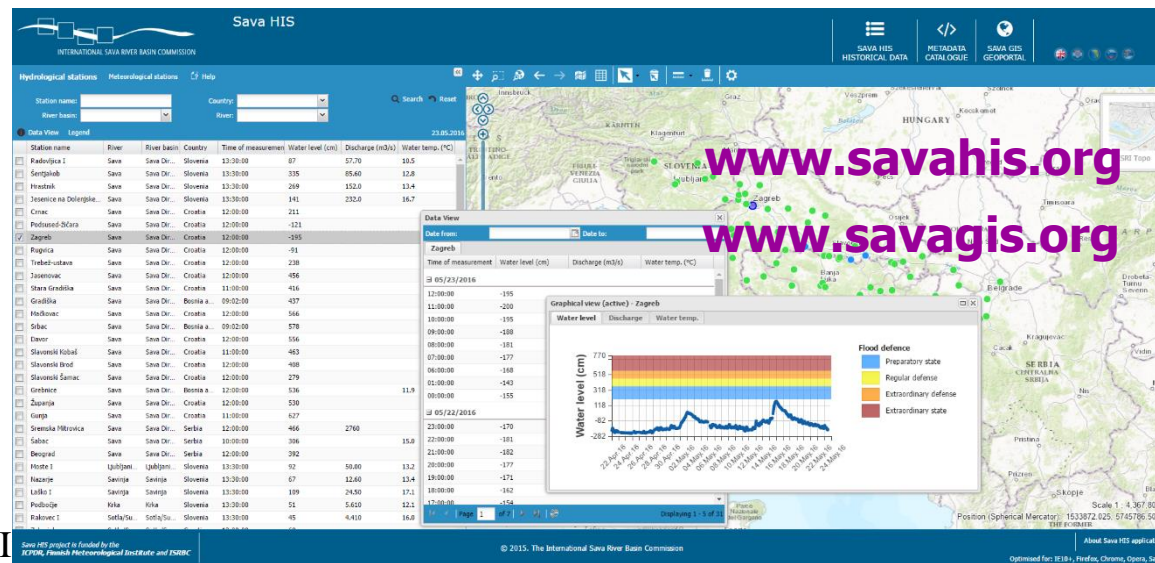
- **The broadest scope of work** among int'l basin organizations (river/lake commissions) in Europe
- **Strong need** for public participation
- Public participation – **demanding, but helps** find solutions faster
- **Wide range** of stakeholders
 - **Levels:** International, National, Local
 - **Water sub-sectors:** Environment, Water management, Navigation, Hydropower, Agriculture, River tourism
 - **Sectors of society:** Governmental, Non-gov., Academic, Business

Public participation



PP - Consultation

- **Web-site**
 - Data sharing platforms/portals
 - Consultation sections (RBM Plan)
 - Applications (Waterway Marking Plan, **SavaGIS, SavaHIS**)
- **Consultation workshops and meetings** with stakeholders

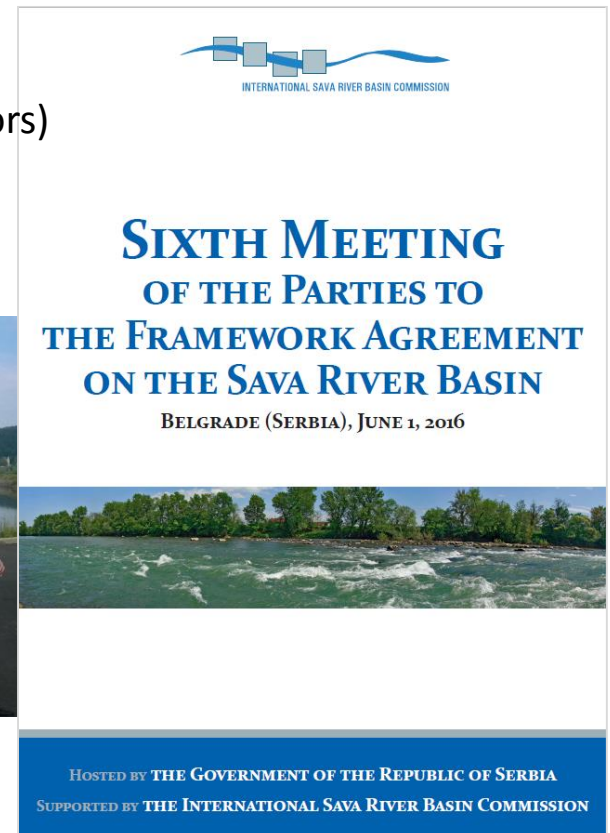


PP - Active involvement

- **MoPs, Sessions and Expert Group meetings of ISRBC**
 - National institutions ('responsible' and 'other')
 - Observers (ICPDR, Danube Commission, MK Government, WWF, GWP, REC)
- **Sava Water Council**
 - Advisory platform of ISRBC (NG, academic, business sectors)
 - 55 institutions / organizations



Int. Summit, Rome, 23-25
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Climate change adaptation

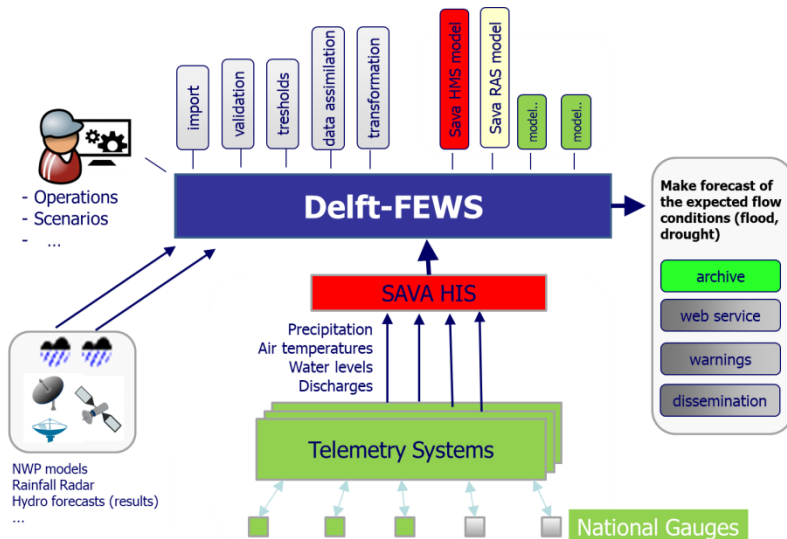
- **Climate change adaptation strategy**
 - **Outline of Climate Adaptation Strategy** for the SRB
 - Supported by **UNECE** and **IOWater**
 - Purpose:
 - to develop an **Outline** in consistence with the ICPDR's regional adaptation strategy
 - to identify some **priority basin-wide measures** for CCA adaptation;
 - to suggest **modalities** and **cost estimates** for the full development of the strategy and of its action plan
 - Status:
 - appointment of national and int. experts,
 - meetings with Permanent Expert Groups
 - Workshop October 23-24, 2017
 - Next steps: **development of the full CCA Strategy**
 - **Full participatory approach envisaged**



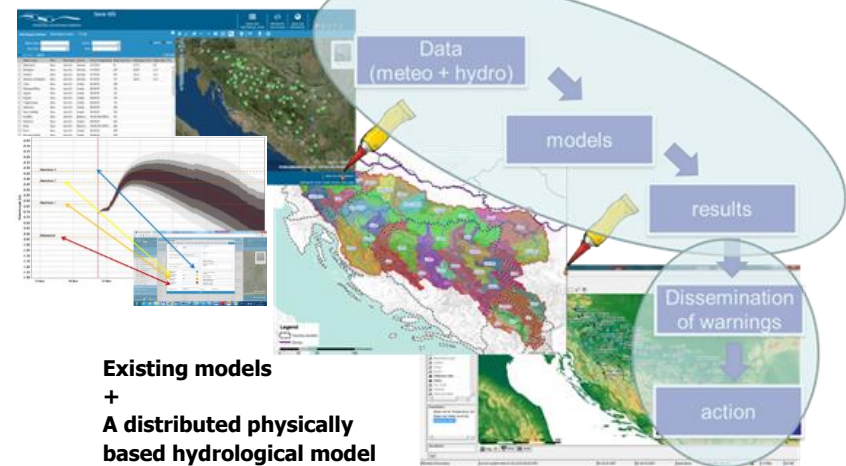
Sava Flood Forecasting and Warning System

Integration & Cooperation

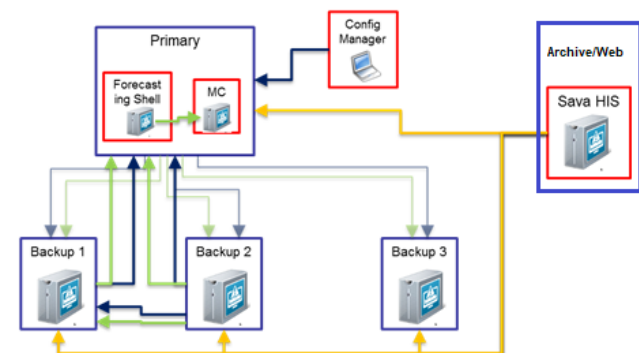
Numerical Weather Prediction models (8)
 Radar and satellite images (OPERA and H-SAF)
 Real-time data collection system (Sava HIS)
 Hydrological forecasts and systems (2)
 Hydrological models (10)
 Hydraulic models (30)



SavaHIS components



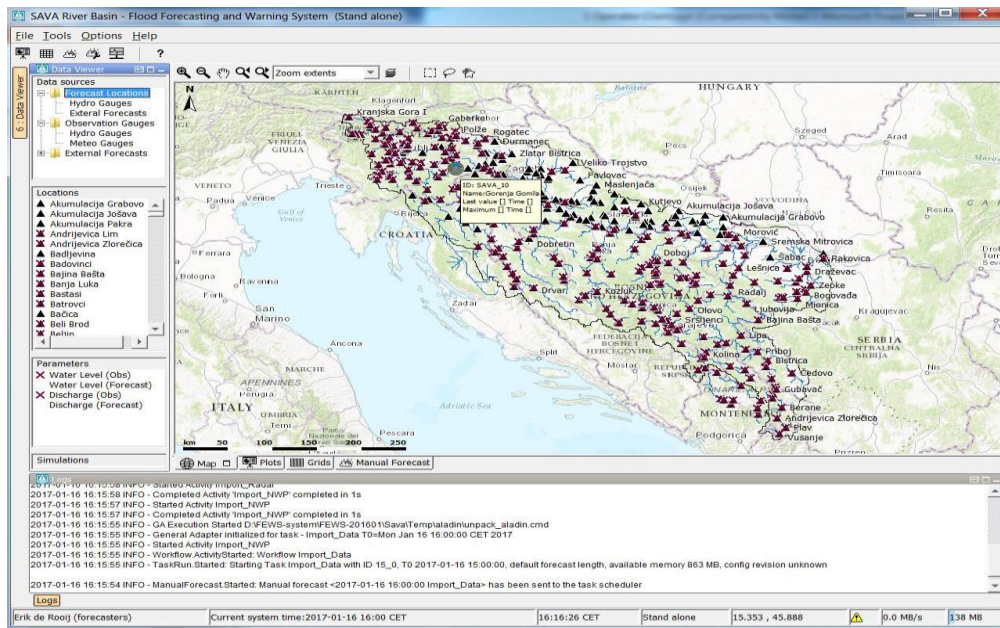
A Joint System Hosting



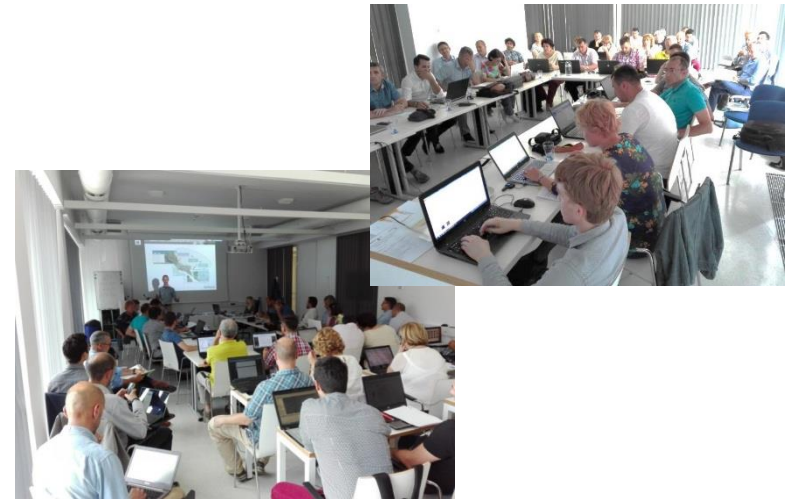
Sava Flood Forecasting and Warning System

System already operational

(testing of the pre-release 0.2)



Intensive schedule of Training Workshops and User Trainings



Fully operational system expected in fall 2018

Int. Summit, Rome, 23-25
October 2017



The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the IJRBC

Data sources:
DEM data: The NASA Shuttle Radar Topographic Mission (SRTM)
processed by the GMT/CGI (http://www.gmt.org)
USGS
CORINE land cover: EEA (http://www.eea.europa.eu)
Other data: ICPR, ESR, the Parties to the IJRBC (SLO, HR, BA, RS)



1:2,000,000

Coordinate system: ETRS 1989
Projection: Lambert Azimuthal Equal Area

Sava River Basin overview map



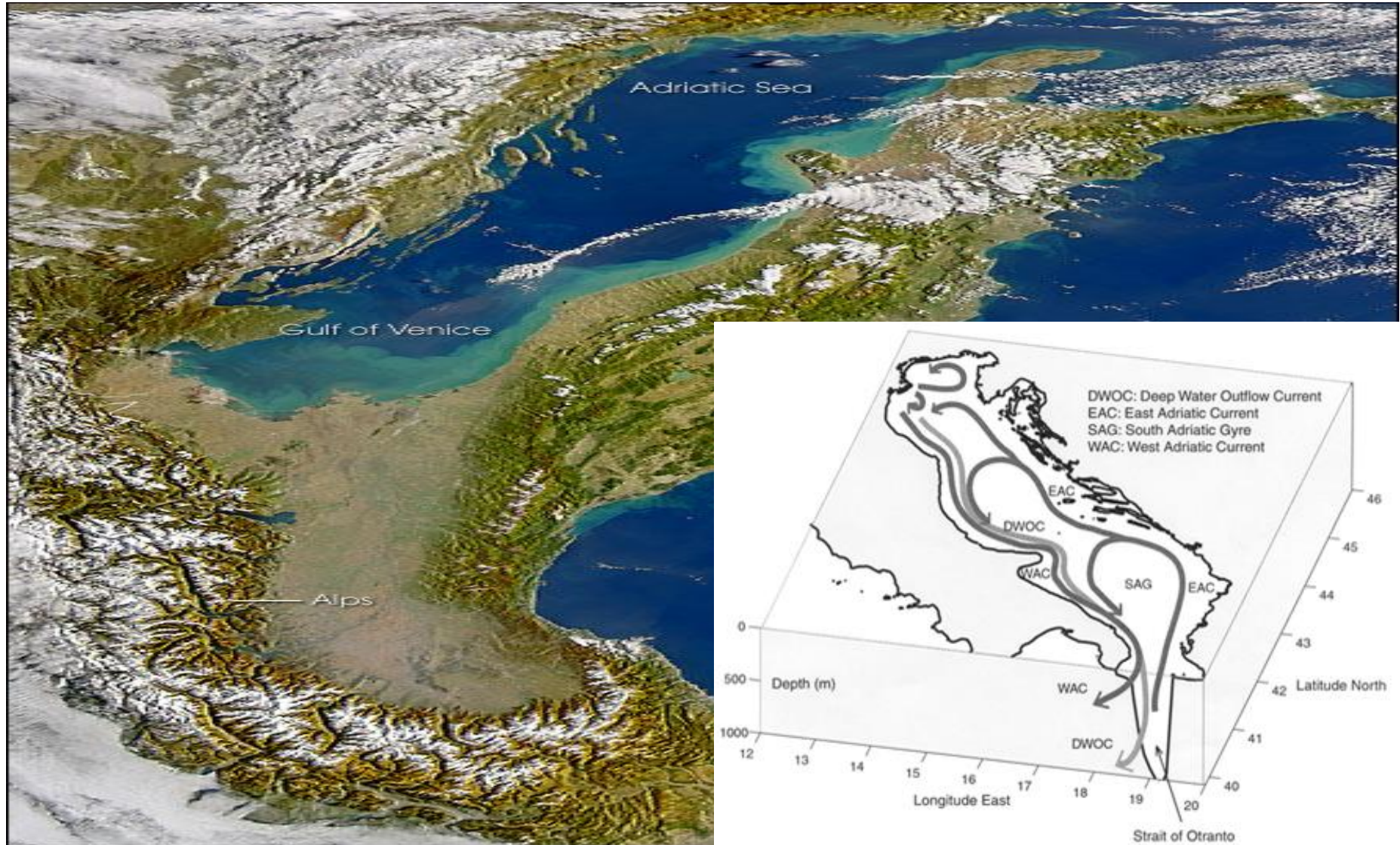
- Sava RB boundary
- State borders
- Urban areas**
 - Continuous urban areas
 - Discontinuous urban areas
 - Industrial or commercial units
 - Green urban areas
 - Sport and leisure facilities
 - Urban centers
- Reservoirs (V>=5 ml m3)
- Sava RB rivers**
(Catchments >=1000 sq km)*
 - Sava River
 - 1st order tributary
 - 2nd order tributary
 - 3rd order tributary

*except Sava, Sava, and Sava



Processed and compiled by the Secretariat of the IJRBC
November 2009

Shared Adriatic Ionian Sea





Blue and Green cooridors

Mitja Bricelj, EUSAIR coordinator TSG 3

Open Days 2016, Brussels

PILLAR TOPICS



3. Environmental quality (SI + BA)

Addressing environmental quality through cooperation at the level of the Region

The marine environment

- a) Threats to coastal and marine biodiversity
- b) Pollution of the sea

Transnational terrestrial habitats and biodiversity

ECONOMY

- **BLUE
ECONOMY**

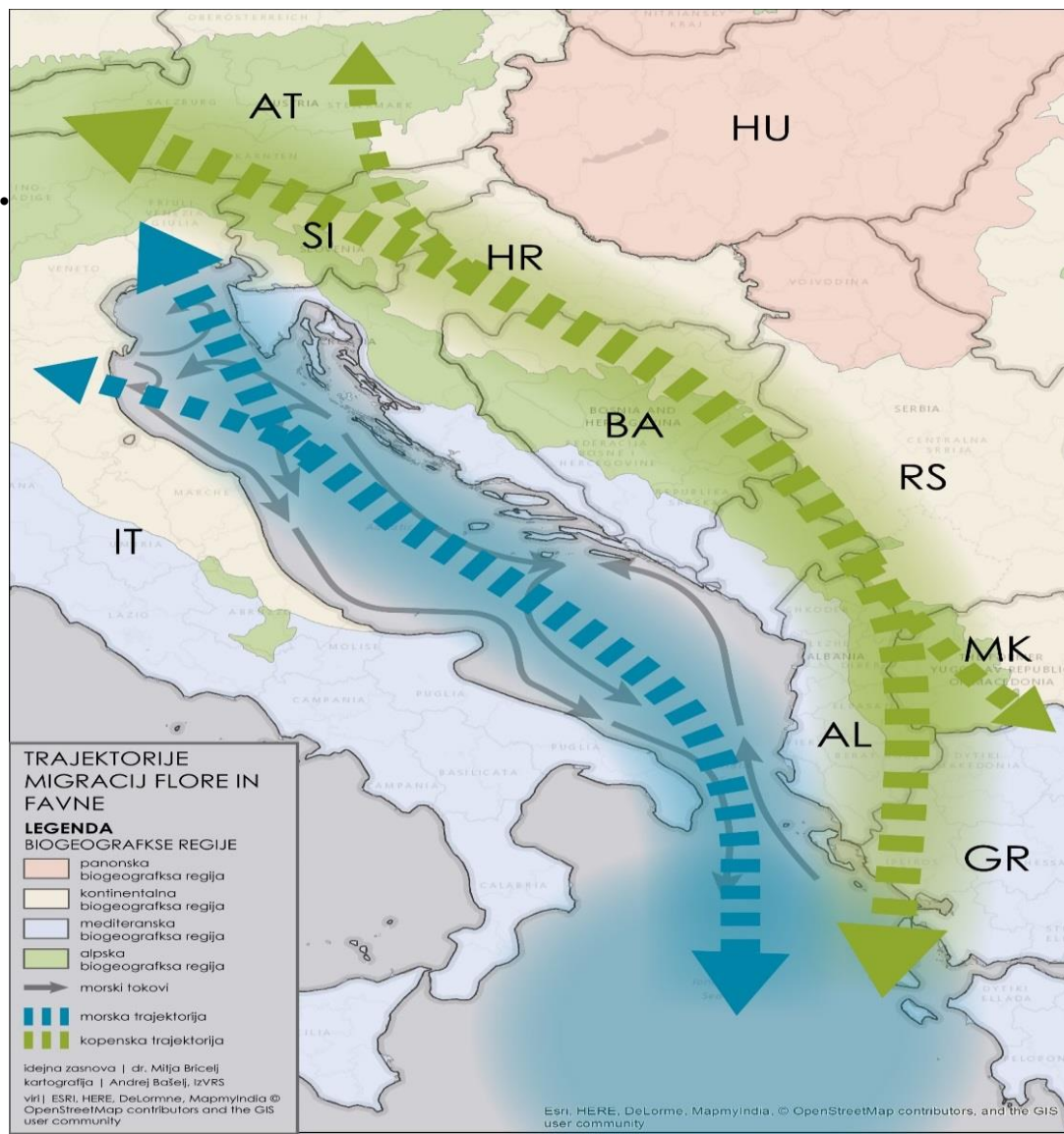
- **GREEN
ECONOMY**

Cooridors

- **SEA**
- **COST – Sea/Land**
- **LAND**



Green and Blue Cooridors in AIR





Video: Towards the Green Coast