

**Public participation and involvement of the private sector for adaptation to  
climate change in basins**

**International Sava River Basin Commission**

-

**its approach to public participation and climate change  
adaptation**

*MEETING OF THE GREAT RIVERS OF THE WORLD*

INTERNATIONAL SUMMIT

Rome, 23-25 October 2017

Dr. Mitja Bricelj,  
MOP, ISRBC

# Framework

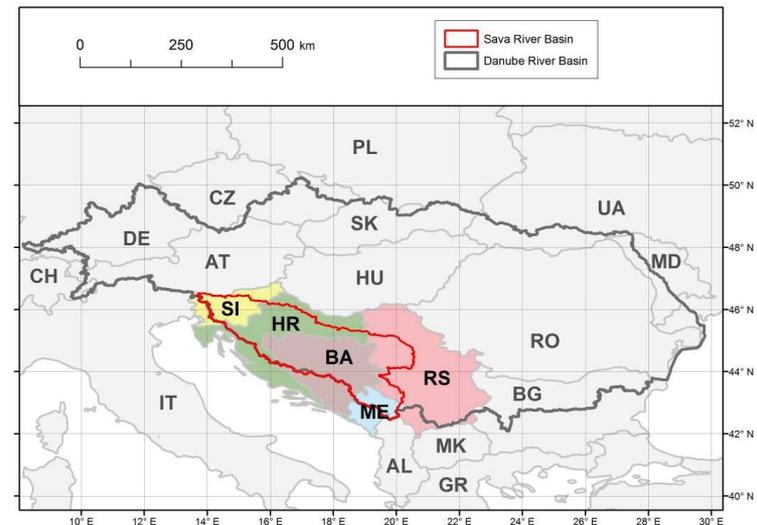
- **Framework Agreement on the Sava River Basin (FASRB)**

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

- **Particular objectives – to establish:**

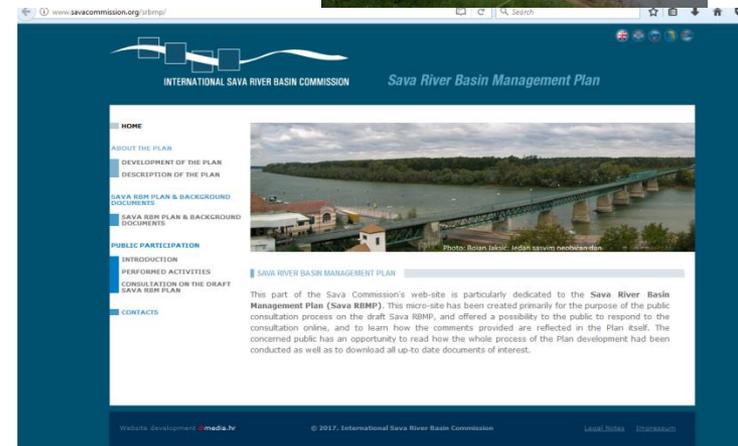
- Sustainable **water management**
- Sustainable **hazard management**  
(floods, droughts, accidents, etc.)
- International regime of **navigation**

- **ISRBC**  
(4 member countries + 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)

www.savacommission.org/srbmp/

INTERNATIONAL SAVA RIVER BASIN COMMISSION

Sava River Basin Management Plan

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- SAVA RBP PLAN & BACKGROUND DOCUMENTS
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SAVA RIVER BASIN MANAGEMENT PLAN

This part of the Sava Commission's web-site is particularly dedicated to the **Sava River Basin Management Plan (Sava RBMP)**. This micro-site has been created primarily for the purpose of the public consultation process on the draft Sava RBMP, and offered a possibility to the public to respond to the consultation online, and to learn how the comments provided are reflected in the Plan itself. The concerned public has an opportunity to read how the whole process of the Plan development had been conducted as well as to download all up-to-date documents of interest.

Photo: Bojan Javur, High Stream neobankin.hr

Website development: [media.hr](#)

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LEGAL NOTICE

# 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**



# 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

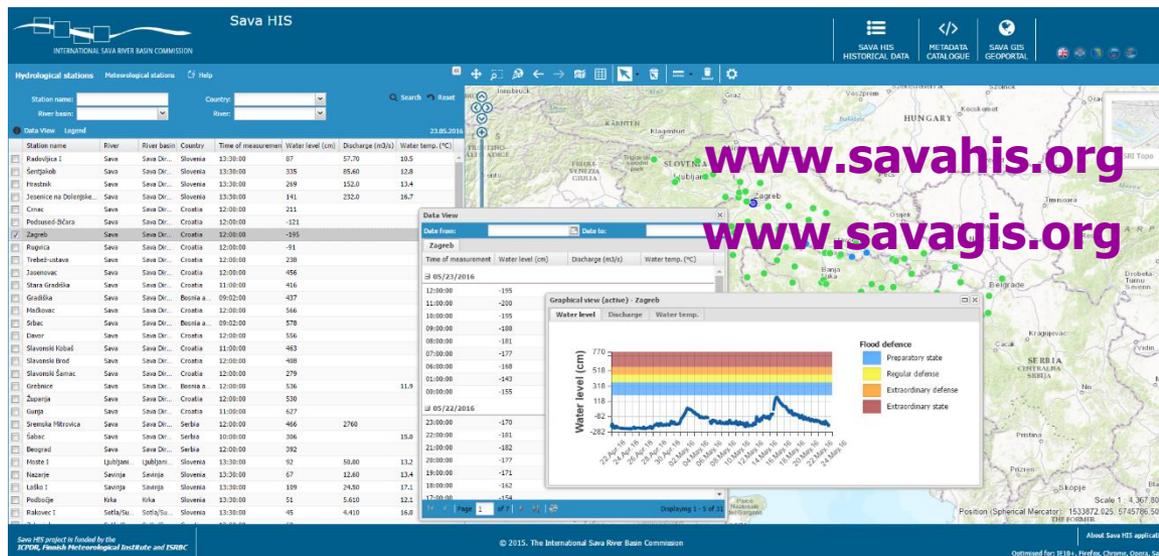
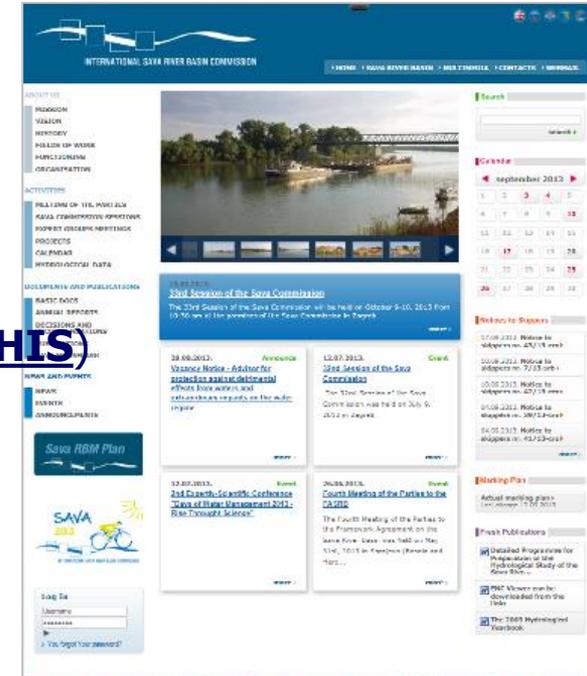
# PP - Provision of information

- **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)



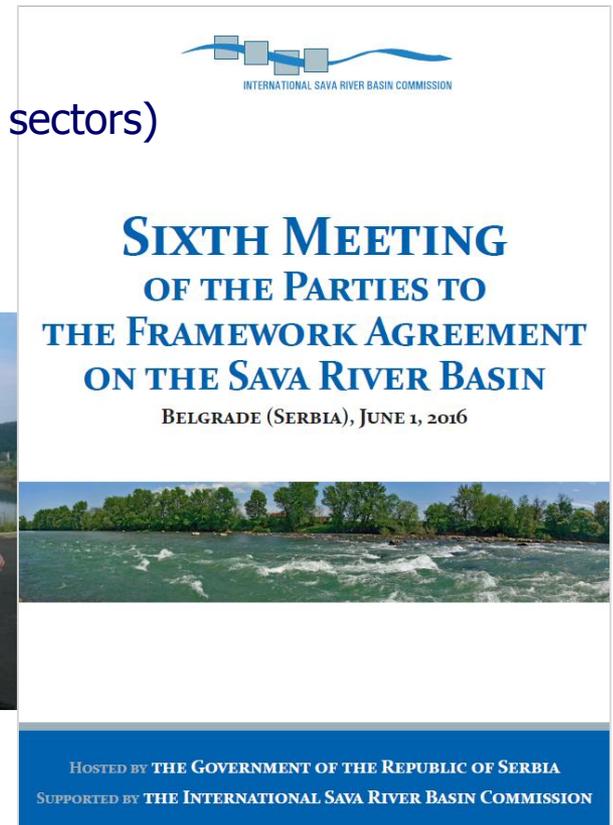
# PP - Consultation

- **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



# Climate change adaptation

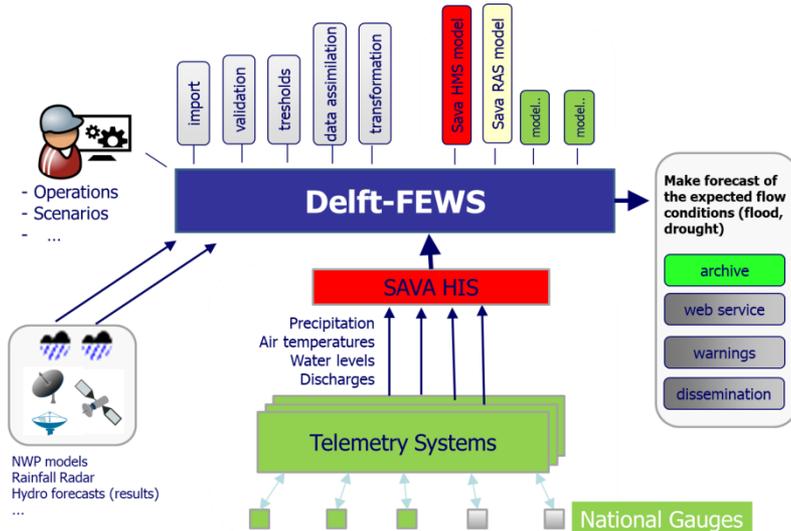
- **Climate change adaptation strategy**
  - **Outline of Climate Adaptation Strategy** for the SRB
    - Supported by **UNECE** and **IOWater**
    - Purpose:
      - to develop an **Outline** in consistence with the ICPDR's regional adaptation strategy
      - to identify some **priority basin-wide 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 to be held on October 23-24, 2017
    - Next steps: **development of the full CCA Strategy**
    - **Full participatory approach envisaged**



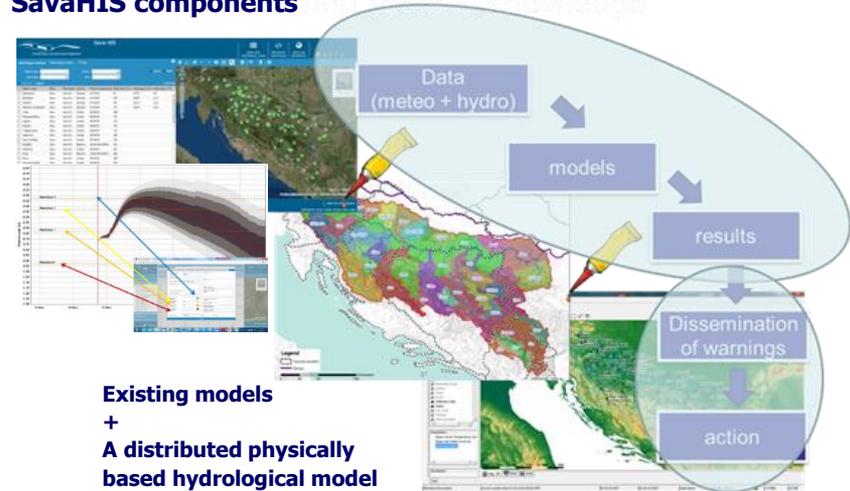
# Sava Flood Forecasting and Warning System

## Integration & Cooperation

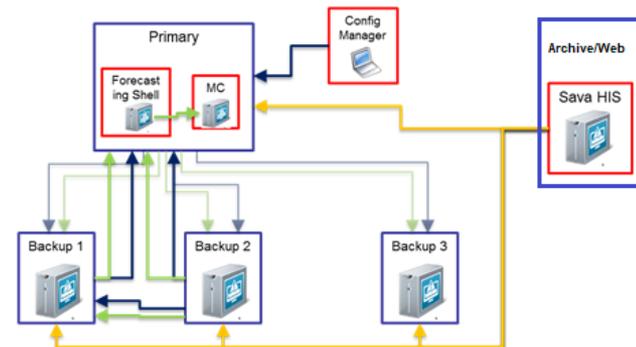
- Numerical Weather Prediction models (8)**
- Radar and satellite images (OPERA and H-SAF)**
- Real-time data collection system (Sava HIS)**
- Hydrological forecasts and systems (2)**
- Hydrological models (10)**
- Hydraulic models (30)**



### SavaHIS components



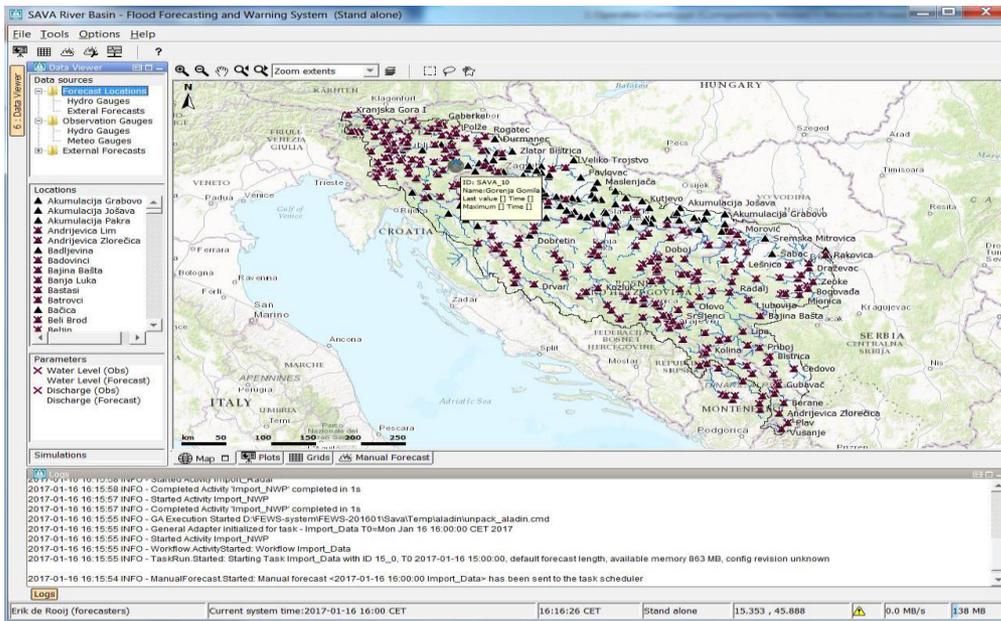
## A Joint System Hosting



# 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**

**Thank you for your attention!**