

Update on ongoing activities International Sava River Basin Commission

**EUSDR PA4 – 21st Steering Group Meeting
9 Jun 2021, online**

**Samo Grošelj
Deputy Secretary, ISRBC**

Sava RBM Plan

- **Sava 2nd RBM planning cycle** current status:
 - Data imported into Sava GIS database
 - BA - data from the first entities' plans
 - SI - data from the second and third national plan
 - HR - data from the second national plan
 - RS - data the first national plan
 - ME data the first national plan
 - Draft text prepared for review of PEG RBM
 - Next steps
 - 2nd SRBMP will be presented at the Strategic meeting of ISRBC (July 2021)
 - After confirmation of the ISRBC the public consultation process will start (July-December 2021, tentatively)

Sediment Issues

- **Sediment Dredging**
 - Report on *Executed dredging for 2019* and Report on *Planned dredging for 2020* adopted by the ISRBC
 - Data for realization of dredging in 2020 and Plan for 2021 under development
- **Outline of the Sediment Management Plan for the Sava River Basin**
(supported by UNESCO)
 - Main objectives:
 - to provide an overview on the existing sediment data on quantity and quality,
 - to analyze the existing sediment monitoring system and propose the upgrade,
 - to analyze the exiting measures
 - to propose the institutional arrangements for further development of the SMP
 - Current activities
 - Engagement of the national and international experts
 - Kick-off meeting will be held in June 2021

3rd DTP call for proposals:

Water Contingency Management in the Sava River Basin – WACOM

- **Main objective**
 - **reduction of environmental risks** related to accidental pollution and floods, especially those which have or might have transboundary impact in SRB
- **Scope**
 - To develop operational framework for activation of Protocols on **Emergency situations, Prevention of Pollution Caused by Navigation, Flood Protection**
- **Timeframe** (1st of July 2020 – 31st of December 2022)
- **Partnership**
 - LP: University of Ljubljana (SI)
 - Partners: WMI, Civil protection and navigation)



WP T1-T4

FLOODS and TRANSBOUNDARY ACCIDENTAL POLLUTION

WP T1

Explore and
define
(how)

WP T2

Develop toolbox
(tools)

WP T3

Verify
(pilots)

WP T4

IMPLEMENT
(strategy)

3rd DTP call for proposals:

Water Contingency Management in the Sava River Basin – WACOM

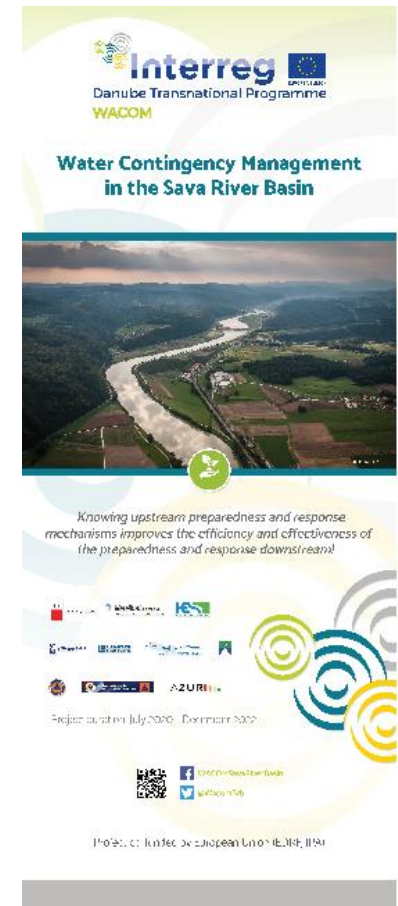
- **Status of the Project implementation**
 - **Activity A.T1.1- Strategies for the implementation of the protocols to FASRB**
 - Report on the mapping of the institutions and procedures relative to the coordinated planning and response process – under finalization
 - National workshops in BA, HR, SI and RS held in May/June 2021
 - **Activity A.T2.1 – WACOM Toolbox features – system design and data collection**
 - Draft WACOM toolbox requirements analysis and proposed system architecture – on going



3rd DTP call for proposals:

Water Contingency Management in the Sava River Basin – WACOM

- **Status of the Project implementation**
 - **Activity A.C.1- Start-up activities including communication**
 - Appointment of Communication Officer
 - Poster and Roll-up – finished,
 - **Kick-off conference held on October 16, 2020,**
 - Presentation of the project at international events (Danube Strategy-PA4, PA5, ICPDR EGs, ISRBC PEGs meeting)
 - Leaflet in national languages- finished
 - **Next steps**
 - Regional workshops (Brežice (SI/HR), Slavonski Brod (HR/BA), Drina river (BA/RS) in September 2021



Information available at [WACOM DTP website](https://www.wacom-dtp.eu), [Facebook](https://www.facebook.com/wacom.dtp) and [Twitter](https://twitter.com/wacom_dtp)

- Sustainable Historic Environments hoListic reconstruction through Technological Enhancement and community-based Resilience – **SHELTER approved under the EU Horizon 2020 (WP 2018-2020)**
- **Sava Open Lab**
 1. Collection of data on CH laying in flood-prone areas
 2. Improvements of Sava GIS
 3. Performing of flood impact analyses on the CH sites within AMIs (Areas of the mutual interest for flood protection in the Sava River basin)
 4. Networking between different sectors relevant for the project activities (CH, FRM, DRM/EM)
 5. Exchange of knowledge within the Sava open lab and and peer-learning between other OLs
 6. Project/Sava open lab management and involvement in other WPs



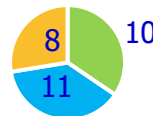
Heritage = UNESCO's sites
national monuments
cultural/historical monuments
religious facilities
vernacular architecture
cemetery&graveyards
...

Stakeholder workshops

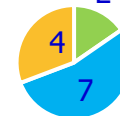


WS1 per Institutions

invited - 29

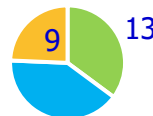


participated - 13

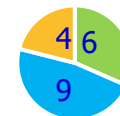


WS2 per Institutions

invited - 37

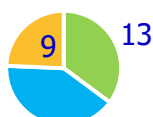


participated - 19

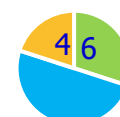


WS3 per Institutions

invited - 37



participated - 20

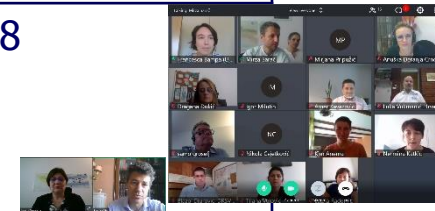


Workshop participants

WS1: 16



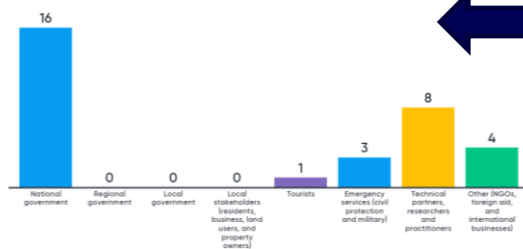
WS2: 28



WS3: 28



1) For us to analyse the results, please select which stakeholder group do you belong to? (select all options that apply)



CH data collection and harmonization

Slovenia: Ministry of culture, Cultural-heritage Directorate and Ministry of the Environment and Spatial Planning, Slovenian Water Agency

- Geoportal: Cultural heritage register: Register kulturne dediščine RKD
- Geoportal vRD: Legal protection regime of CHH - Pravni režimi varstva kulturne dediščine
- Shapefile evrd

Croatia: Ministry of Culture of Croatia, Directorate for Cultural Heritage Protection, Conservation Department

- Cultural heritage register webportal
- Geoportal of cultural heritage

Bosnia and Herzegovina: Commission to Preserve National Monuments, Bosnia and Herzegovina

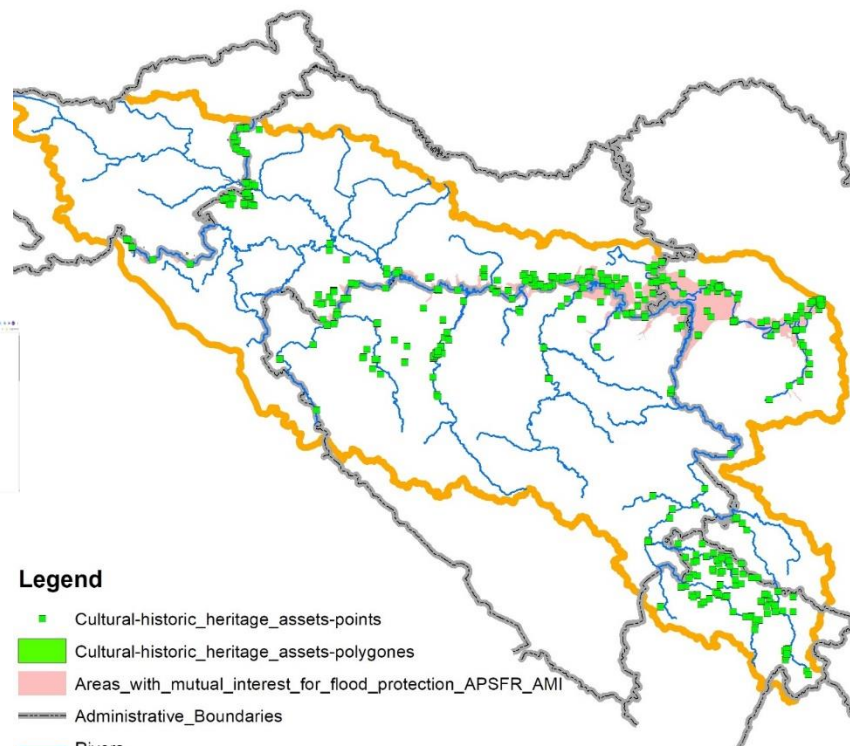
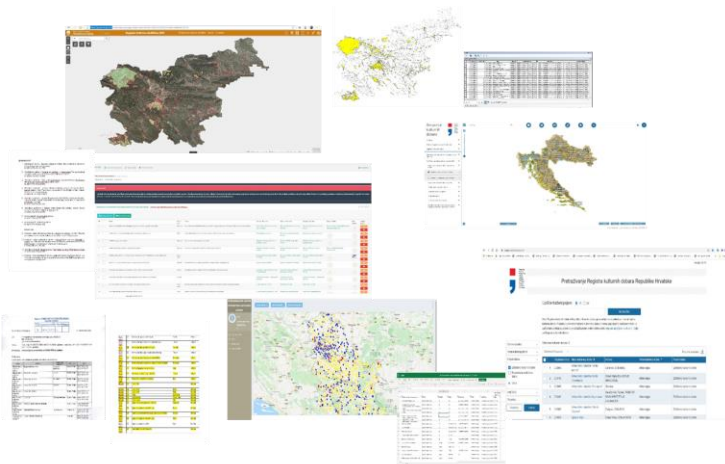
- List of protected cultural heritage
- Webportal of protected cultural heritage (National monuments)

Serbia: Institute for the protection of Cultural Monuments of Serbia

- List of protected cultural heritage
- Geoportal of immovable cultural heritage

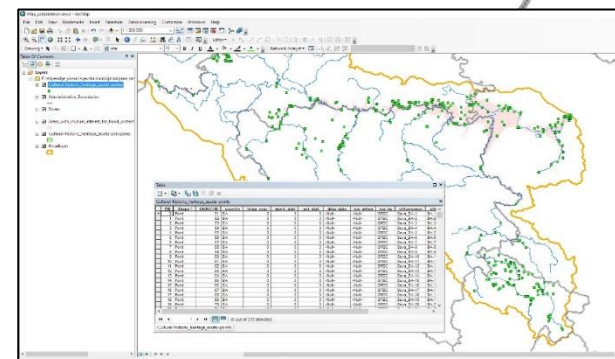
Montenegro: Ministry of Culture

- List of protected cultural heritage
- List of coordinates for protected cultural heritage



Legend

- Cultural-historic_heritage_assets-points
- Cultural-historic_heritage_assets-polygons
- Areas_with_mutual_interest_for_flood_protection_APSFR_AMI
- Administrative_Boundaries
- Rivers
- RiverBasin



CHH asset	1210 (1094)
Bosnia and Herzegovina	176 (155)
Croatia	242 (205)
Serbia	132 (132)
Slovenia	500 (500)
Montenegro	160 (102)
Albania	n/a

- CHH Database model analysis and creation based on preliminary model from Shelter project (Mockup)
- Integration in SavaGIS existing database

- CHH data Integration into existing FRM segment
- Data visualization on Geoportal

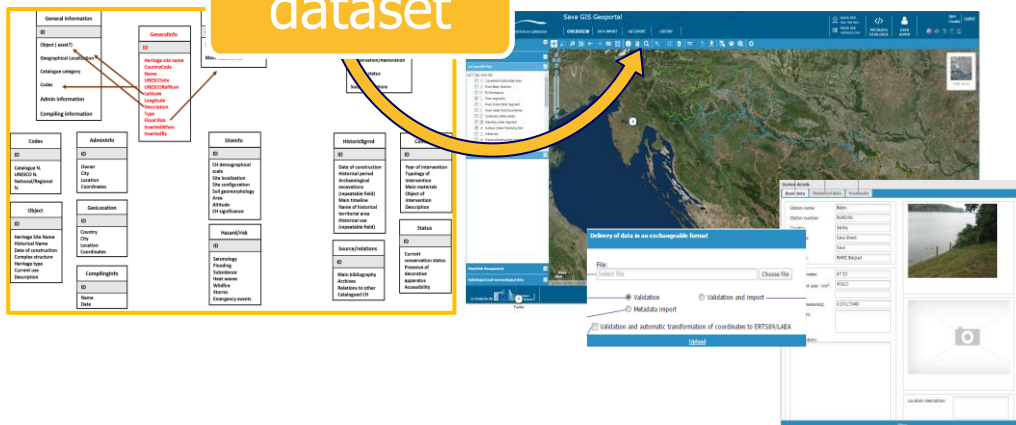
- Development of exchange format in textual file
- Data validation
- Data exchange based on Sava HIS Historical Data

Data usage

- Specialized layers on SavaGIS map viewer
- Export/use of selected data
 - ❖ Various format
 - ❖ Web services for the CHH data sharing and exchange
 - ❖ Standard OGC WMS/WFS
 - ❖ Can be used in any OGC compliant WS

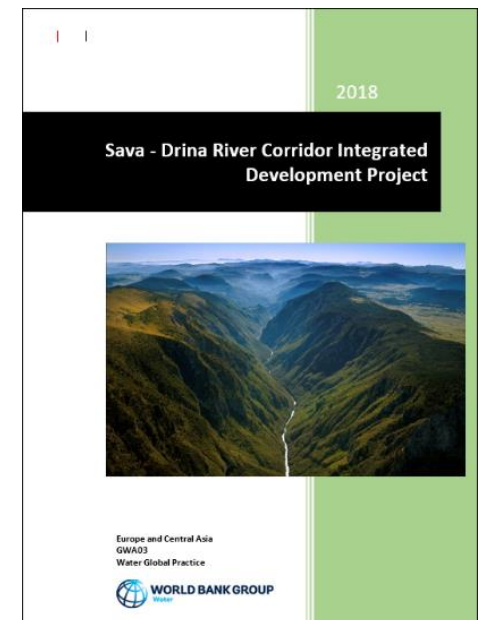
CHH dataset

Import module



Development issues

- **Sava - Drina River Corridor integrated development programme (WB, 2019)**
 - *Two phases process over 10 years planning (2020-2030)*
 - Phase I: to improve flood protection, inland waterway freight transport, and enhance transboundary water cooperation
 - Phase II: to further strengthen regional integration and connectivity
 - **Status of implementation**
 - Letter of support sent to WB by ISRBC
 - GEF Secretariat approved the proposal and sent to GEF Council
 - GEF consideration is expected in June 2021



Public participation

- **9th Sava Youth Parliament**

- To be held in Banja Luka (BA) in October/November 2021
- Theme:
 - **Let's protect our heritage!!**
- The competition for secondary schools and youth (19-25 years) is open at [ISRBC website](https://www.isrbc.org)



- **Celebration of Sava Day (1st of June 2021)**

- Installation of high-water marks (Polhov Gradec (SI), Slavonski Brod (HR), Maglaj (BA), Modriča (BA), Belgrade (RS))
 - [*broadcasted online*](#)

