

Sava River Basin – activities and priority infrastructure projects



**Danube Strategy, Priority Area 1.a Steering Group,
2nd Meeting-Bucharest, 28 October 2011**

Overview

- Framework Agreement on the Sava River Basin (FASRB) and International Sava River Basin Commission (ISRBC) – objectives and priorities
- Priority Projects
- Decision making process - identification and implementation

FASRB

• **Signed:**
Dec. 3, 2002

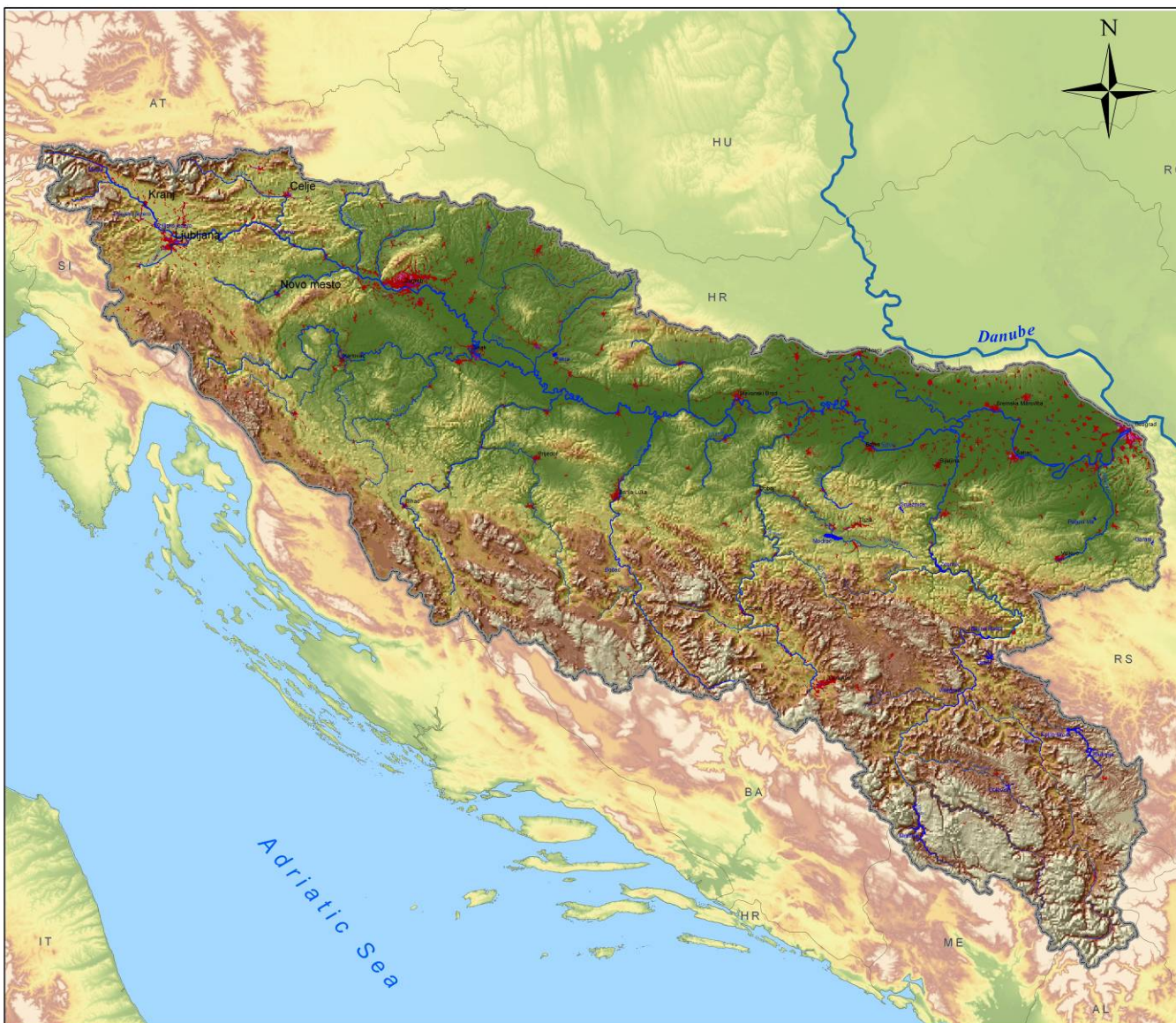
• **In force:**
Dec. 29, 2004

• **Parties:**

Bosnia & Herzegovina
Croatia
Serbia
Slovenia

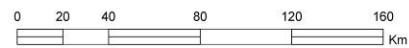


*Processed and compiled by the Secretariat of the ISRBC
November 2009*



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

Data sources:
DEM data: The NASA Shuttle Radar Topographic Mission (SRTM)
processed by the CIAT-CSI (<http://srtm.csi.cgiar.org>),
USGS
CORINE land cover: EEA (<http://www.eea.europa.eu>)
Other data: ICPDR, ESRI, the Parties to the FASRB (SI,HR,BA,RS)



1:2,000,000

Coordinate system: ETRS 1989
Projection: Lambert Azimuthal Equal Area

FASRB

- **Key objective:**

Transboundary cooperation
for **sustainable development** of the region

- **Particular objectives:**

- To establish an **international regime of navigation**
- To establish **sustainable water management**
- To **prevent/limit hazards** (floods, droughts, ice and **accidents**) and **reduce/eliminate** their negative **consequences**

- **Implemented by the ISRBC, with the Secretariat as its executive and administrative body**

ISRBC priority projects

Project title	Duration	Status	Budget
Rehabilitation and Development of Transport and Navigation on the Sava River Waterway	5-6 years	- Feasibility study finished - EIA for upper sector finished - Tendering procedure for Det.design in progress	~ 85 M€
Establishment of the Sava River Information Services (RIS)	3 years	Detailed Design and prototype instalation finished in June 2010	~ 4 M €
Establishment of the System for Collection, Treatment and Disposal of Hazardous and other Ship Waste on the Sava River	5 years	Preparatory phase (cooperation with WANDA)	~ 4 M €
Development of Nautical Tourism in the Sava River Basin (Master Plan)	1 year	Preparatory phase (partners identification)	1 M€
Hydrological study for the SRB	2.5 years	ToR to be prepared	~ 1 M€
Preparation of the Sava RBM Plan + impl. of measures	2 years	Commenced on 1 Dec 2009	1.34 M€
Establishment of the Sava GIS	3 years	Initial phase started	1.5 M€

ISRBC priority projects

Project title	Duration	Status	Budget
Flood Risk Management Plan for the Sava River Basin	5-6 years	Initial phase started	3 M€
Water and Climate Adaptation Plan for the Sava River Basin	3 years	Project in progress	300 000 €
Water Pollution Contingency Management Plan for the Sava River Basin	2 years	Project proposal prepared	~ 1,3 M €
Biodiversity and Environmental Status of Sediment, Water and Biota in the Sava River Basin	2,5 years	Project proposal prepared	2,05 M€

WATERWAY REHABILITATION



WATERWAY REHABILITATION 1

- **In line with EUSDR Action “*Invest in waterway infrastructure of Danube and its tributaries.....*”**
- **Beginning:**
 - Recognized as a priority project during the “Sava initiative” process;
 - Strategy on implementation of the FASRB.
- **Achievements:**
 - Prefeasibility Study (2007);
 - Transport Demand and Institutional Policy and Legal Framework Study (2007);
 - Feasibility Study (2008);
 - Restoration of the waterway marking system (2009);
 - EIA for the sector Brčko – Sisak adopted (2011)

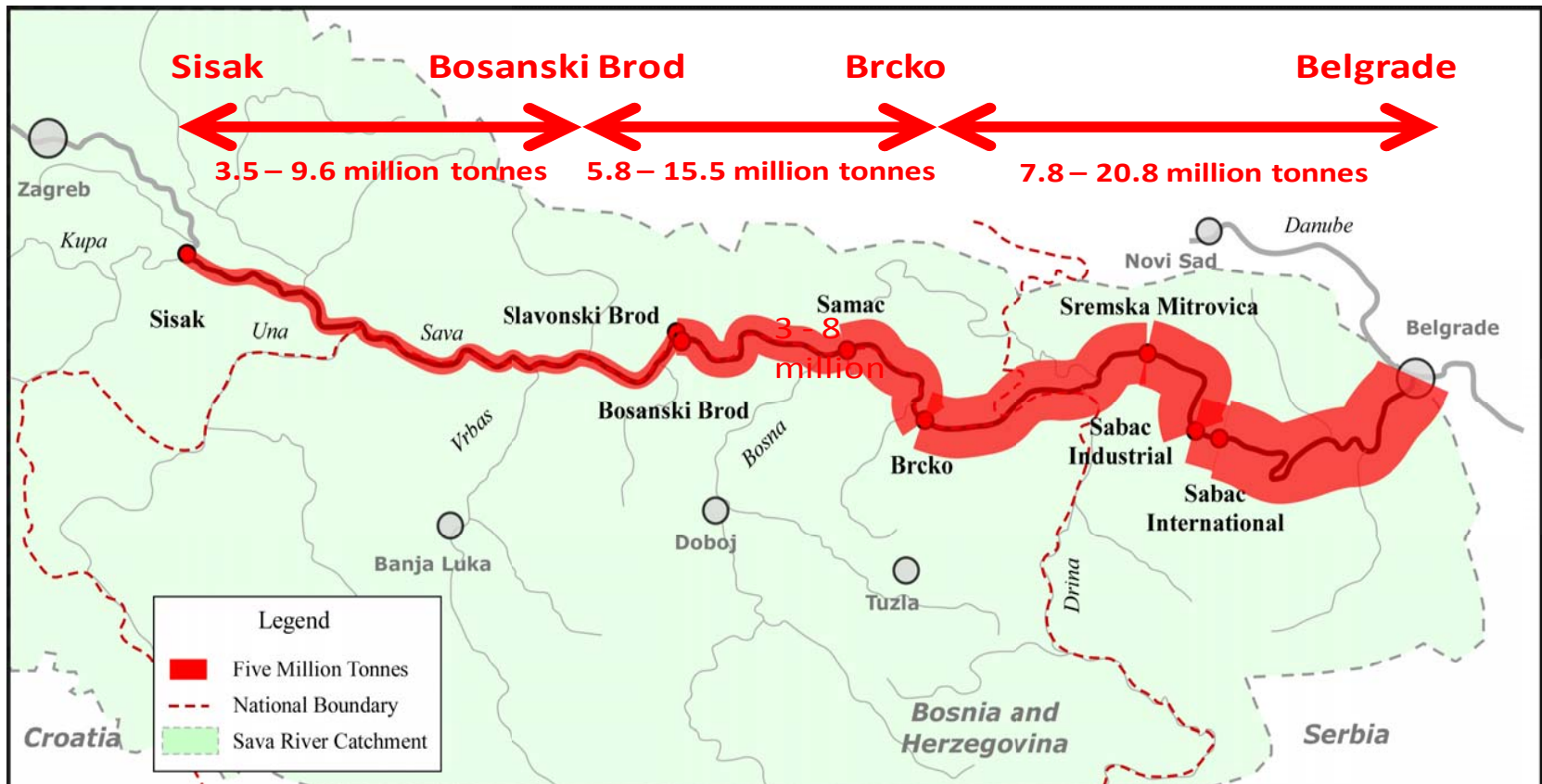
WATERWAY REHABILITATION 2

- **Identified need for improvements:**
 - Training works and dredging (19 locations);
 - River bend improvements (20 locations);
 - Bridges (3 locations);
 - Sunken vessels (2 locations);
 - River Information Services.
- **Estimated construction costs (rkm 0-rkm 594)**
 - Class IV: 80,7 mil. EUR;
 - Class Va: 86,4 mil. EUR.
- **Countries agreed on waterway classification and timeframe for activities (beginning of works by mid 2013 at latest)**

WATERWAY REHABILITATION 3

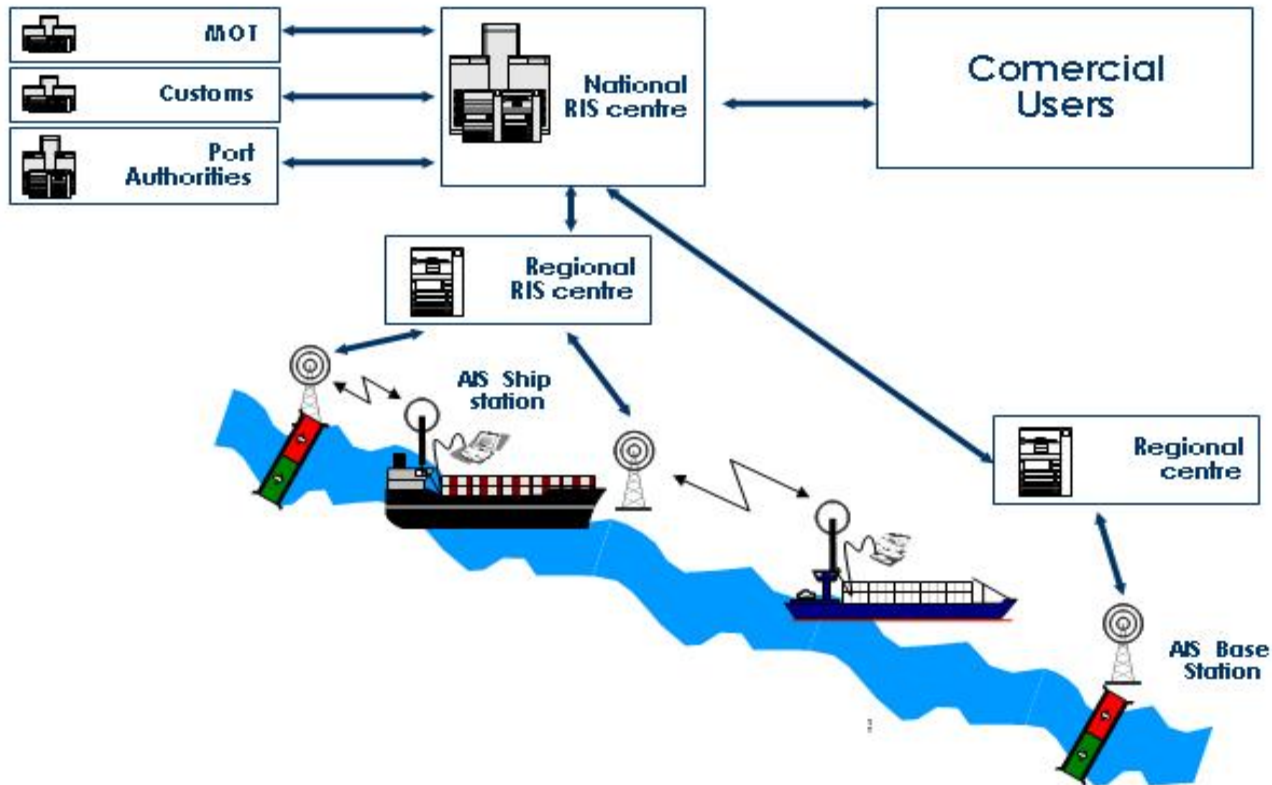
- **Detailed Design sector Brčko (rkm.234) – Sisak (rkm.594)**
 - First phase: IPA IIIa - Operation 2.1.1.-01: TA for review of preliminary documentation for rehabilitation and improvement of Sava River Waterway - finished;
 - Based on the results and completion of the first phase the ToR for development of Detailed Design is finished.
- **Detailed Design sector Bgd. (rkm.0) – Brčko (rkm.234)**
 - Commission Decision C(2010)5308 of 28/07/2010 adopting a IPA National Programme for B&H; tendering started.
- **Financing of the rehabilitation works**
 - Negotiations with IFI-s ongoing.

WATERWAY REHABILITATION 4



Future Commercial Traffic SISAK-BELGRADE

RIS DEVELOPMENT



RIS DEVELOPMENT 1

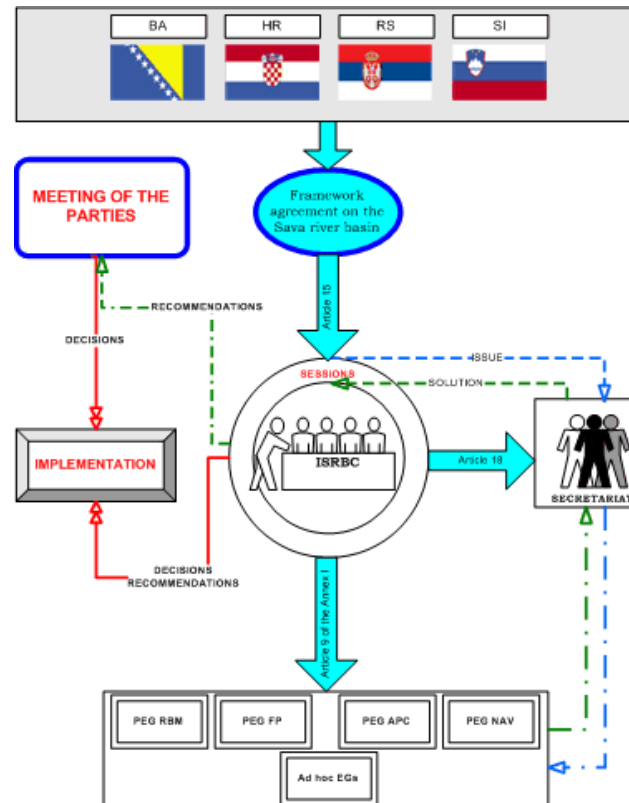
- In line with EUSDR Action *"To implement harmonised RIS"*
- Project "Detailed Design and prototype installation for RIS on the Sava River" finished in 2010.
- Project financed by Croatia, B&H and Serbia.
- Detailed design with cost estimate and technical specifications.
- Three RIS base station in test operation.
- Serbia started implementation, Croatia and B&H nominated project for the EU financing.
- Objective: fully operational RIS on the Sava in 2013.

NAUTICAL TOURISM

- In line with EUSDR Action "*To improve planning and infrastructure for tourism*".
- Sava Commission accepted Timeframe for development of the Master Plan for Nautical Tourism in the Sava River Basin.
- *Project Fiche* for Master Plan finished.
- Coordination with competent authorities from the Sava Countries regarding financing.
- Nautical and Tourist Guide for the Sava River finished.



DECISION MAKING



Acronyms and abbreviations:
 ISRBC - International Sava river basin commission
 PEG RBM - Permanent expert group for river basin management
 PEG FP - Permanent expert group for flood prevention
 PEG APC - Permanent expert group for accident prevention and control
 PEG NAV - Permanent expert group for navigation
 Ad hoc EGs - Ad hoc expert groups

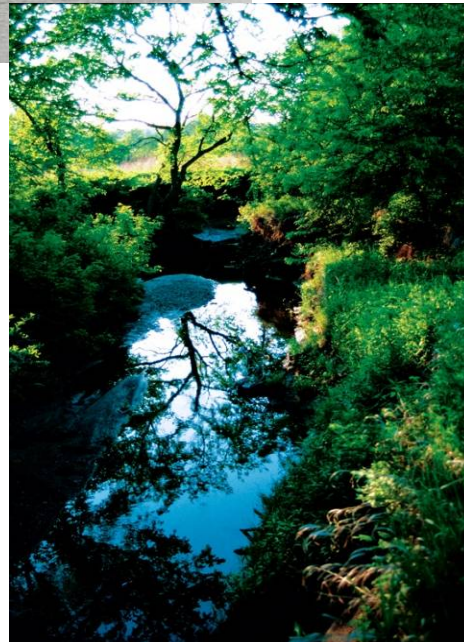
IDENTIFICATION AND IMPLEMENTATION

- **All identified projects are of the regional importance.**
- **Priority projects adopted by consensus.**
- **Coordination of the implementation secured through Sava Commission (expert groups, steering committees, regular meetings of the high representatives...).**

POSSIBLE ROLE OF THE SAVA COMMISSION



LONG TERM VISION



The background image shows a wide expanse of water, likely a river or lake, under a clear sky. In the distance, a line of trees marks the opposite shore. The foreground is dominated by the dark, churning water of a boat's wake, with white foam visible in the center. A small white buoy is visible on the left side of the frame.

Thank you for your attention!!!

Željko Milković