



Rehabilitation and development of navigation on the Sava river

2nd Joint Statement Implementation Meeting,
Zagreb, 9-10 March 2010

Sava waterway – present condition

- Present condition is a result of a **long period of poor maintenance**
- The physical parameters of the waterway cause **unfavourable navigation conditions**, related to:
 - **Limited draft** during large periods
 - **Limited width** and **sharp river bends** limiting the length and width of vessels and convoys
 - **Limited height** for passages under some bridges

Beginning of rehabilitation

- Recognized as **a priority project** in the framework of the “Sava Initiative” (process of drafting and concluding the FASRB)
- **Framework Agreement on the Sava River Basin (FASRB)** – signed in 2002, entered into force in 2004
- **Joint Statement of the ministers** of the Sava countries responsible for transport – Brčko, December 13, 2005
- **Strategy on Implementation of the FASRB** – adopted by the ISRBC in 2008

Rehabilitation activities

- **Prefeasibility Study – 2007**
- **Transport Demand and Institutional, Policy and Legal Framework Study – 2007**
- **Feasibility Study – 2008**
- **Restoration of the marking system – 2009**
- **Emergency maintenance works on two critical stretches shared by Croatia and B&H – 2009**

Feasibility study (FS)



Feasibility Study and Project Documentation for the Rehabilitation and Development of Transport and Navigation on the Sava River Waterway

Costs of rehabilitation (FS)

- **Total construction costs,
Belgrade (rkm 0) – Sisak (rkm 594)**
 - To achieve the **SCC Class IV**: **80.7 M€**
 - To achieve the **SCC Class Va**: **86.4 M€**

Recommendations (FS)

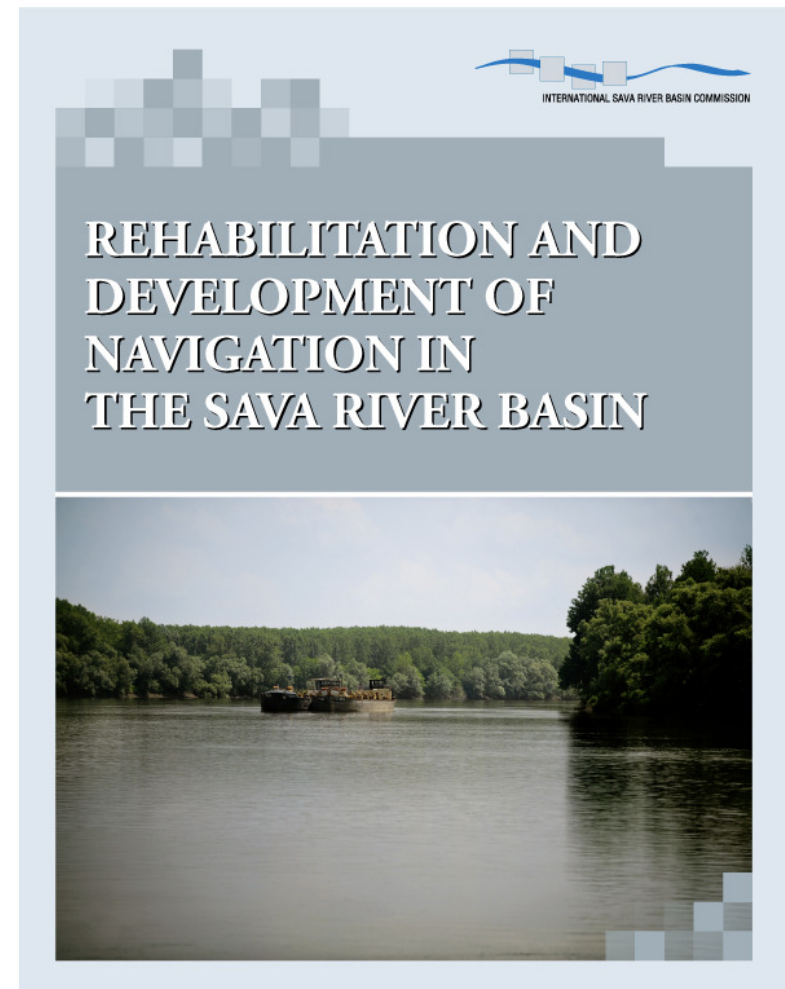
- **Section Sisak-Belgrade**
 - Stimulate commercial transport on the Sava River by upgrading the waterway to SCC Class Va
- **Section upstream Sisak**
 - Stimulate nautical tourism
 - Refrain from introducing commercial transport

Recommendations (FS)

- **Develop alternative uses of Sava River**
 - Integrated tourism/environmental development upstream Sisak
 - Selective tourism/environmental development downstream Sisak
 - Energy production and water management upstream Sisak
- **Other important initiatives**
 - River Information Services development
 - Integrated and multi-modal transport sector strategies
 - Regulatory framework for IWT sector in line with Acquis

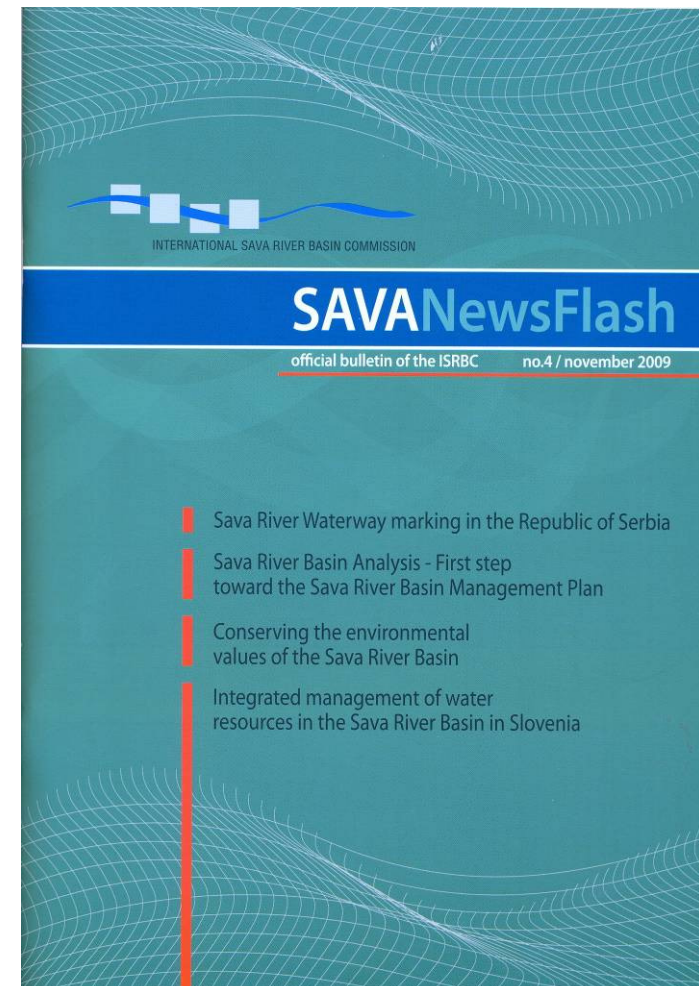
Dissemination of results

- **Brochure** “Rehabilitation and development of navigation in the Sava River Basin”
 - Published in Nov 2009
 - Published in the official languages of the ISRBC and in English



Dissemination of results

- **Sava NewsFlash**
 - Issue No.4 published in November 2009
 - Published in English / Slovenian



Detailed design

- **Section Brčko (rkm 234) – Sisak (rkm 594)**
 - **IPA funding** – Croatia
 - **Two phases** of the project:
 - 1. Review of preliminary documentation** for rehabilitation and improvement of the waterway
 - 2. Detailed design** of the waterway
 - **First phase** started in 2009; **expected to be completed** until June 2010

Detailed design

- **Section Belgrade (rkm 0) – Brčko (rkm 234)**
 - **Application for funding** from IPA National Program B&H 2010 in cooperation with the World Bank
 - **Final decision** on the application is expected in June 2010
 - **Coordination** with Serbia in progress

EIA study

- **Section rkm 211 – rkm 594**
 - **Ongoing**, financing by Croatia
 - **Coordination** between Croatia and B&H
 - **Expected to be completed** in May 2010
- **Section rkm 0 – rkm 211**
 - **Part of the project application** for IPA funding

River Information Services

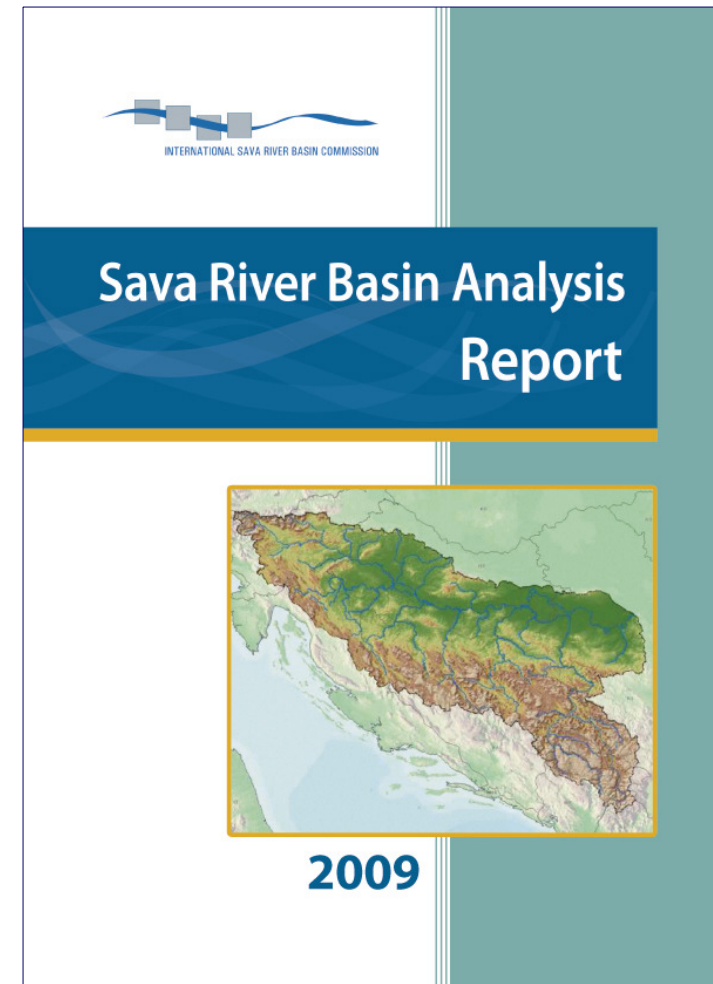
- **Project “RIS implementation and prototype installation on the Sava River”**
 - **Started** in September 2009
 - **Expected to be completed** until June 2010
- **Main deliverables of the Project**
 - **Detailed Design** of the RIS system
 - **Technical specifications** of the proposed RIS system
 - **Prototype installation** for basic RIS services
 - **Tender documentation**

Nautical tourism

- **Meeting with representatives from the competent authorities** from the Sava countries to be held in April 2010
- **Determination of the financing mode for the Master Plan** is expected
- **First cruise vessel** navigated on the Sava river up to Županja (rkm 268) in 2009
- **The voyage presentation** was held on the Danube Tourist Conference in 2010

Sava RBM Plan

- **Sava River Basin Analysis Report**
 - **Finalized** in 2009
 - **Annex** on Navigation Issues
 - **Dissemination of integral version** started (publication, CD, web-site)
- **Sava RBM Plan**
 - **Supported by an EC-funded project**, started in December 2009
 - **Expected to be finalized** by the end of 2011
 - **Expected to take account** of the Sava Navigation Project

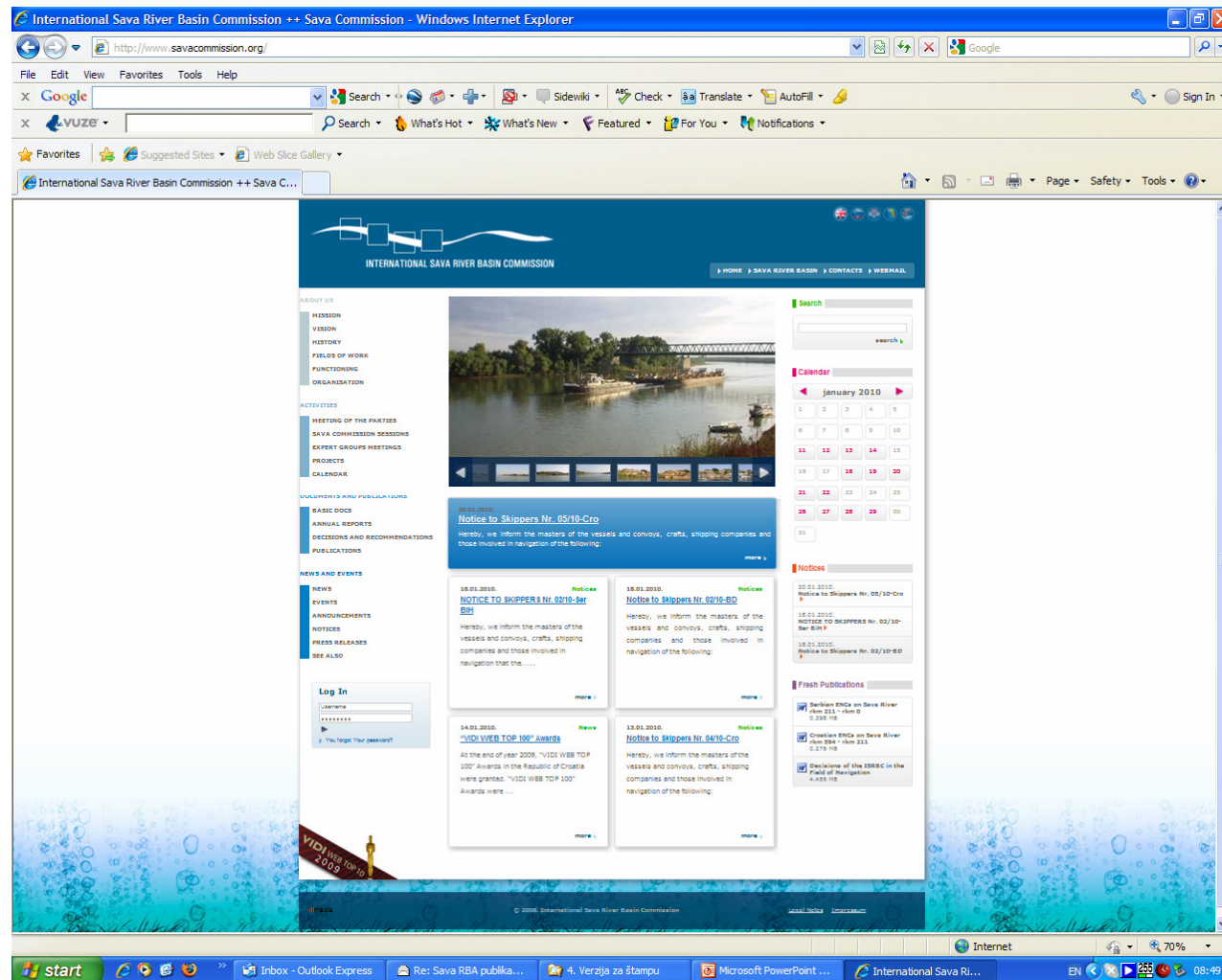


Recent transport development

- **New transport demand** in Bosanski Brod – oil products
 - cca. 10,000 t at the end of 2009
 - 7,500 t in 2010
- **Development of the container terminal** in Sremska Mitrovica (cooperation with Rijeka Port)
- **Transport of the oil products** for Šabac Port

More information

www.savacommission.org



A wide river flows under a clear sky. In the background, a dense line of trees marks the far bank. The foreground shows the dark, churning water of a boat's wake, with white foam visible. A small white buoy is visible on the left side of the river.

Thank you for your attention!!!

Željko Milković