

BASIC PROJECT DATA			
Full project title:	Rehabilitation, Improvement and Development of Transport and Navigation on the Sava River Waterway		
Short project title: (acronym)	–	Project logo:	–
Project website:	www.savacommission.org www.vodniputovi.hr	Project ID:	PA1A039
Need and added value for Danube Region Strategy:	<p>The Sava river is navigable on 594 km of its river course and links the economies of the four Sava riparian states (Serbia, Bosnia and Herzegovina, Croatia, Slovenia), whilst there is in perspective, the implementation of transport infrastructure that would link the Sava with several ports on the Adriatic sea. The existence of port infrastructure on the Sava itself and the connection of the Sava with the Danube provide great advantages for intensifying further development of river transport.</p> <p>Despite such natural advantages the Sava river waterway has been neglected during the last 20 years and due to the war in 1990 waterway transport was actually the most endangered type of traffic because of damages of the infrastructure such as bridges, which completely stopped traffic at certain locations and river stretches. Navigation was also unsafe due to the presence of unexploded devices and in severance during the reconstruction of the damaged bridges. During the said period, the maintenance of the Sava river waterway was on a low level and this has resulted in a decrease of the widths and depths of the waterway and shorter navigation periods during the year. In addition, due to the decrease of the industrial production and economic problems, freight transport on the Sava, similar to other types of transport, is on a low level and suffers serious lack of financial sources and maintenance.</p> <p>Although transport volumes in the past were higher than at present (prior to 1990 approx. six million tons annually), the full potentials of waterway transport were not adequately used in the past. This can be illustrated by the fact that waterway transport in EU countries has risen by 12% during the period of 1970–1998 (source: EUROSTAT, European Conference of Ministers of Transport), while waterway transport in countries of Central and Eastern Europe has declined by 20% during the period of 1990–1998 (source: European Conference of Ministers of Transport).</p> <p>Nowadays, in view of the increased needs for transport in the Sava region, it is obvious that the rehabilitation of waterway transport on the Sava river is extremely important, as it is an environmentally-friendly and sustainable type of transport with extraordinary potential. This is specifically enhanced after the signing and ratification of the Framework Agreement on the Sava River Basin in 2002 and the adoption of the Protocol on the Navigation Regime, according to which navigation on the Sava is free for vessels of all flags.</p> <p>This project will result in the improvement of the physical capacity of the waterway of the Sava river and it will contribute to the improvement of mobility and multimodality in the Danube region. At the same time, it will contribute to the increase of river transport, to the removal of obstacles to navigability and to the establishment of effective waterway infrastructure management in the Danube and Sava region.</p> <p>The Sava River is classified as an international waterway class IV from the border of the Republic of Serbia (rkm 211) to Sisak (rkm 594). Currently, the Sava river waterway does not meet the required navigation parameters of international waterway class IV and does not allow for smooth navigation on 300 days/year for vessels with a maximum draft of 2.5 metres.</p>		

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Objective(s) of project:	<p>The main objective of the project is the rehabilitation and development of the Sava river waterway infrastructure and provision of an appropriate economic and organizational framework for restoring trade and navigation (cargo and passenger) on the Sava, with an aim to:</p> <ul style="list-style-type: none"> • develop additional required studies and designs • improve the waterway infrastructure up to class IV and Va by river training measures and other works • improve public and private investments into transport on the Sava river, in accordance with adequate economic and financial analysis • apply an integrated approach considering water management, energy production, flood control and environmental aspects in the basin • integration and modernization of the Bosnia and Herzegovina, Croatian and Serbian infrastructure within the Trans-European Transport Network 		
Planned and conducted project activities:	<ul style="list-style-type: none"> • Feasibility Study completed • Development of detailed design and EIA for the sector Belgrade (rkm 0) – Brčko (rkm 234): tender procedure for the development of the detailed design finished; contract for the preparation of the detailed design ready for signature (signature expected until the end of 2017); preparation of EIA study underway • Development of detailed design for the sector Brčko (rkm 234) – Sisak (rkm 594): preparation of the detailed design under way • Waterway demining in Bosnia & Herzegovina: Tender procedure under way; evaluation of the bids • Execution of river training works (groynes, sills, bank protection, dredging and bridge reconstruction) foreseen 		
Transboundary impact:	<ul style="list-style-type: none"> • Republic of Croatia, Bosnia and Herzegovina, Republic of Serbia – river training works will be executed on the territory of these states • Republic of Slovenia – improved possibilities for multimodal transport 		
Project beneficiaries / target groups:	<ul style="list-style-type: none"> • Industries in the Sava region (especially steel, oil, fertilizer and agriculture production) • Shipping industries • Ports • Tourism (especially nautical tourism) • Inland waterway authorities in the Sava riparian countries 		
STATUS AND TIME FRAME			
Current project phase: (please tick a box)	<input type="checkbox"/> Definition (e.g. project idea, abstract) <input type="checkbox"/> Preparation (e.g. project proposal, feasibility study) <input checked="" type="checkbox"/> Implementation (detailed design) <input type="checkbox"/> Completion		
Start date:	01/2008	End date:	t.b.d.
Notes:	-		

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PROJECT TEAM			
Project leader:	International Sava River Basin Commission (ISRBC)		
Project partner(s):	For each part of the project (e.g. detailed design, EIA, works) a different project leader will be nominated.		
Contact person:	Name:	-	-
	Organisation:	International Sava River Basin Commission	Agency for Inland Waterways
	Address:	Kneza Branimira 29, Zagreb / Croatia	Parobrodarska 5, Vukovar / Croatia
	Phone:	-	-
	E-Mail:	-	-
	Website:	www.savacommission.org	www.vodniputovi.hr
FINANCING			
Available: (please tick a box)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partly <input type="checkbox"/> No		
Total budget:	85,000,000 EUR (estimation from feasibility study)		
Source(s) and amount (potential sources for project ideas): (please tick a box and provide further info)	<input checked="" type="checkbox"/> National/regional funds:	national contribution from Croatian state budget (national part in financing from structural funds)	
	<input checked="" type="checkbox"/> EU funds:	Instrument for Pre-Accession Assistance (potentially) Structural Funds (potentially)	
	<input checked="" type="checkbox"/> IFI loans:	World Bank (potentially) European Bank for Reconstruction and Development (potentially)	
	<input type="checkbox"/> Private funds:	-	
	<input type="checkbox"/> Other:	-	
PROJECT ENVIRONMENT			
Project cross-reference:	<ul style="list-style-type: none"> Reconstruction of the critical part of the Sava River waterway in the section Jaruge - Novi Grad (PA1A134) Reconstruction of the critical part of the Sava River waterway in the section Puska - Preloščica (PA1A135) Rehabilitation of the critical sectors on the Sava River (PA1A152) 		

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Cross-reference ID(s):	See above
Strategic reference:	<ul style="list-style-type: none"> • European Action Programme for Inland Waterway Transport (NAIADES) • Platform for the implementation of NAIADES (PLATINA) • White Paper: "European Transport Policy for 2010: Time to Decide" • TEN-T Policy • SEETO Core Network • Transport strategies of Slovenia, Croatia, Serbia and Bosnia and Herzegovina
Relevant legislation:	<ul style="list-style-type: none"> • Framework Agreement on the Sava River Basin • TEN-T Guidelines • European Agreement on Main Inland Waterways of International Importance (AGN)
Other:	–
EUSDR EMBEDDING	
Relation to other Priority Areas of the Danube Region Strategy:	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> PA1b: To improve mobility and multimodality – Road, rail and air links <input type="checkbox"/> PA02: To encourage more sustainable energy <input type="checkbox"/> PA03: To promote culture and tourism, people and people contacts <input type="checkbox"/> PA04: To restore and maintain the quality of waters <input type="checkbox"/> PA05: To manage environmental risks <input checked="" type="checkbox"/> PA06: To preserve biodiversity, landscapes and the quality of air and soils <input type="checkbox"/> PA07: To develop the knowledge society through research, education and information technologies <input type="checkbox"/> PA08: To support the competitiveness of enterprises, including cluster development <input type="checkbox"/> PA09: To invest in people and skills <input type="checkbox"/> PA10: To step up institutional capacity and cooperation <input type="checkbox"/> PA11: To work together to promote security and tackle organised and serious crime
EUSDR COMPLIANCE	
Compliance with targets of the Danube Region Strategy:	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Increase the cargo transport on the river by 20% by 2020 compared to 2010. <input checked="" type="checkbox"/> Solve obstacles to navigability, taking into account the specific characteristics of each section of the Danube and its navigable tributaries and establish effective waterway infrastructure management by 2015. <input type="checkbox"/> Develop efficient multimodal terminals at river ports along the Danube and its navigable tributaries to connect inland waterways with rail and road transport by 2020. <input checked="" type="checkbox"/> Implement harmonised River Information Services (RIS) on the Danube and its navigable tributaries and ensure the international exchange of RIS data preferably by 2015.

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	<input type="checkbox"/> Solve the shortage of qualified personnel and harmonize education standards in inland navigation in the Danube region by 2020, taking duly into account the social dimension of the respective measures.
Compliance with actions of the Danube Region Strategy:	<input type="checkbox"/> To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way. <input checked="" type="checkbox"/> To invest in waterway infrastructure of Danube and its tributaries and develop the interconnections. <input type="checkbox"/> To modernise the Danube fleet in order to improve environmental and economic performance. <input checked="" type="checkbox"/> To coordinate national transport policies in the field of navigation in the Danube basin. <input type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention. <input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres. <input checked="" type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries. <input type="checkbox"/> To promote sustainable freight transport in the Danube Region. <input checked="" type="checkbox"/> To implement harmonised River Information Services (RIS). <input type="checkbox"/> To invest in education and jobs in the Danube navigation sector.
Affiliation to thematic working group of Priority Area 1a of the EUSDR:	<input checked="" type="checkbox"/> Waterway infrastructure and management <input checked="" type="checkbox"/> Ports and sustainable freight transport <input type="checkbox"/> Danube fleet <input checked="" type="checkbox"/> River Information Services <input type="checkbox"/> Education and jobs
OTHER RELEVANT ISSUES	
Project requirements:	Continuing cooperation and coordination of the riparian countries (secured through Sava Commission) and in-time financing of the implementation (river training works).
Follow-up project:	Development of Sava ports (Sisak, Slavonski Brod, Brčko, Šabac, Mitrovica); there are ongoing development projects in each of the ports.
Any other issues:	–