

# Project Data Sheet

BASIC PROJECT DATA			
<b>Full project title:</b>	<b>Improving navigation conditions on the Danube River from 1295.5 - 1433.1 river km - Eliminating bottlenecks on the Croatian/Serbian part of Danube River</b>		
<b>Short project title:</b> (acronym)		<b>Project logo:</b>	
<b>Project website:</b>	<a href="http://www.vodniputovi.hr">www.vodniputovi.hr</a>	<b>Project ID:</b>	PA1A113
<b>Need and added value for Danube Region Strategy:</b>	<p>The common Croatian and Serbian part of Danube river stretch from 1433.1 – 1295.5 rkm is considered critical in terms of navigation conditions and dissemination of sediment and ice.</p> <p>On the partly regulated reaches of the Danube river between 1433.1 – 1295.5 rkm, ships can operate a minimal draft of 2.5 m at low water during the majority of a year.</p> <p>As water levels are very difficult to predict, vessels have to wait for higher water levels or partly unload during some low water periods.</p> <p>Based on international conventions for Inland waterways (AGN, Joint Statement, NAIADES; Luxembourg convention...) the analyzed stretch is not able to ensure the required conditions.</p> <p>Although the situation is critical and it is unlikely that any works can begin in the near future, it would be of great importance to carry out a detailed monitoring and analysis of alternative solutions on the river stretch. Together with the partners from Serbia it would be important to prepare activities, following the guidelines set out in the Manual of Good Practice in Sustainable Waterway Planning in PLATINA.</p> <p>The added value for the Danube Region Strategy is recent and relevant.</p>		
<b>Objective(s) of project:</b>	<p>Reliable navigation conditions require a sufficient fairway depth, while changes of the river bathymetry due to bed load transport and high flow velocities should be avoided. In contrast, ecological interests require varying velocities and natural irregularities of the riverbed and its banks. Maintenance of the existing forests and meadows require water level fluctuations.</p> <p>In order to ensure an adequate water regime for transport and the protection of banks from further erosion and morphological changes in the riverbed of the Danube, it is necessary to propose adequate measures, due to the fact that at this stretch there were almost no activities performed in last 25 - 30 years (mainly due to the war and bilaterally non-agreed border line).</p> <p>Therefore, the main objective of the project is to define the present situation through monitoring (ecological, hydro-morphological, water quality,... ), propose measures which would ensure smooth and safe river navigation while preserving and protecting existing natural habitats and protected sites.</p> <p>The first step of the proposed project, besides the identification of transport needs, will be to identify environmental needs, identify other land and water uses and plans, identify potential transboundary issues, identify the integrated project objectives and benefits, define the proposal for financial means of the project and communicate and involve stakeholders and the public.</p>		

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<b>Planned project activities:</b>	Planned project activities can be summarized as follows: <ol style="list-style-type: none"> <li>1. Data collection and analysis – existing situation</li> <li>2. Identification of main elements: transport needs, environmental needs and constrains, conditions from other planning activities, transboundary elements, integrated project objectives and benefits, definition on project objectives and benefits, communication and involvement of stakeholders and the public</li> <li>3. Mathematical modelling of the river</li> <li>4. Initial planning and establishment of a forum</li> <li>5. Monitoring of major elements</li> <li>6. Preparation of necessary project documentation and assessments</li> </ol>		
<b>Transboundary impact:</b>	Mainly the Republic of Croatia, the Republic of Serbia and Hungary; but eventually the entire Danube Region, as bottlenecks should be removed.		
<b>Project beneficiaries / target groups:</b>	<ul style="list-style-type: none"> <li>- Inland waterway companies</li> <li>- Industries in the Danube Region (especially steel, oil, fertilizer and agriculture production)</li> <li>- Ports</li> <li>- Tourism (Cruisers)</li> <li>- Inland waterway authorities in the Danube riparian countries</li> <li>- Nature park Kopački Rit and Nature park Gornje Podunavlje</li> <li>- Other stakeholders</li> </ul>		
<b>STATUS AND TIME FRAME</b>			
<b>Current project phase:</b> (please tick a box)	<input checked="" type="checkbox"/> Definition (e.g. project idea, abstract) <input type="checkbox"/> Preparation (e.g. project proposal, feasibility study) <input type="checkbox"/> Implementation (detailed design) <input type="checkbox"/> Completion		
<b>Start date:</b>	tbd	<b>End date:</b>	tbd
<b>Notes:</b>	Exact dates cannot be determined until national border issues are resolved.		
<b>PROJECT TEAM</b>			
<b>Project leader:</b>	For each part of the project (e.g. detailed design, EIA, works) different project leaders will be nominated.		
<b>Project partner(s):</b>	N/A		
<b>Contact person:</b>	<b>Name:</b>	-	
	<b>Organisation:</b>	Agency for Inland Waterways	
	<b>Address:</b>	Parobrodarska 5, Vukovar / Croatia	
	<b>Phone:</b>	-	

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	<b>E-Mail:</b>	:
	<b>Website:</b>	<a href="http://www.vodniputovi.hr">www.vodniputovi.hr</a>
FINANCING		
<b>Available:</b> (please tick a box)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partly <input type="checkbox"/> No	
<b>Total budget:</b>	1.0 mil. EUR	
<b>Source(s) and amount (potential sources for project ideas):</b> (please tick a box and provide further info)	<input checked="" type="checkbox"/> National/regional funds:	Planned national contribution from Croatian budget (national part in financing from structural funds)
	<input checked="" type="checkbox"/> EU funds:	IPA, structural funds
	<input checked="" type="checkbox"/> IFI loans:	World Bank, EBRD
	<input type="checkbox"/> Private funds:	
	<input type="checkbox"/> Other:	
PROJECT ENVIRONMENT		
<b>Project cross-reference:</b>	Platform for the implementation of NAIADES (PLATINA) (PA1A004) Rehabilitation of the right bank of the Danube river at km 1,322 (Sotin) (PA1A037) <u>Projects on the Serbian Danube sector:</u> Preparation of Necessary Documentation for River Training and Dredging Works on selected locations along the Danube River in Serbia (PA1A021) River Training and Dredging Works on Critical Sectors on the Danube River & Supervision and Environmental Monitoring of River Training and Dredging Works on Critical Sectors on the Danube River (PA1A129)	
<b>Cross-reference ID(s):</b>	See above	
<b>Strategic reference:</b>	<ul style="list-style-type: none"> <li>• European Action Programme for Inland Waterway Transport (NAIADES)</li> <li>• White Paper: "European Transport Policy for 2010: Time to Decide"</li> <li>• TEN-T Policy</li> </ul>	
<b>Relevant legislation:</b>	<ul style="list-style-type: none"> <li>• TEN-T Guidelines</li> <li>• European Agreement on Main Inland Waterways of International Importance (AGN)</li> </ul>	
<b>Other:</b>	-	
EUSDR EMBEDDING		
<b>Relation to other Priority Areas of the Danube Region Strategy:</b>	<input 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 checked="" type="checkbox"/> PA05: To manage environmental risks	

	<input checked="" type="checkbox"/> PA06: To preserve biodiversity, landscapes and the quality of air and soils <input checked="" 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 organized and serious crime
<b>EUSDR COMPLIANCE</b>	
<b>Compliance with targets of the Danube Region Strategy:</b>	<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 type="checkbox"/> Implement harmonized River Information Services (RIS) on the Danube and its navigable tributaries and ensure the international exchange of RIS data preferably by 2015. <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.
<b>Compliance with actions of the Danube Region Strategy:</b>	<input checked="" 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 modernize 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 checked="" type="checkbox"/> To support Danube Commission in finalizing the process of reviewing the Belgrade Convention. <input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centers. <input type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries. <input checked="" type="checkbox"/> To promote sustainable freight transport in the Danube Region. <input type="checkbox"/> To implement harmonized River Information Services (RIS). <input type="checkbox"/> To invest in education and jobs in the Danube navigation sector.

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<b>Affiliation to thematic working group of Priority Area 1a of the EUSDR:</b>	<input checked="" type="checkbox"/> Waterway infrastructure and management <input type="checkbox"/> Ports and sustainable freight transport <input type="checkbox"/> Danube fleet <input type="checkbox"/> River Information Services <input type="checkbox"/> Education and jobs
<b>OTHER RELEVANT ISSUES</b>	
<b>Project requirements:</b>	Continuing international cooperation and mutual efforts on problem solution are required. Regulation and Waterways designs have to be harmonized and verified by both sides with the respect to the international conventions and agreements.
<b>Follow-up project:</b>	-
<b>Any other issues:</b>	-