

# Project Data Sheet

BASIC PROJECT DATA			
<b>Full project title:</b>	<b>Set up of a support system for hydrographical works on the Danube in order to ensure minimal navigation depths</b>		
<b>Short project title:</b> (acronym)	BORD	<b>Project logo:</b>	–
<b>Project website:</b>	–	<b>Project ID:</b>	PA1A065
<b>Need and added value for Danube Region Strategy:</b>	<p>The project is concerned with the completion of a network of signs (a system of reference) for the Romanian Danube and a catalogue with the precise coordinates of those signs, both in the Romanian reference system (necessary for the cadastre records) and in the European reference system (necessary for the changes on the electronic chart).</p> <p>This project is necessary for the accuracy of the land and water measurements conducted by the River Administration of the Lower Danube.</p>		
<b>Objective(s) of project:</b>	<p>This project is meant to enhance navigation safety on the Romanian stretch of the Danube by means of high precision surveys of the waterway, highlighting the effort of a previous PHARE project, i.e. the Electronic Navigation Chart (ENC). The ENC contains data and information on all identifiable objects along the Danube river (islands, bridges, dams, gates, roads, railways etc.) that are to be located on the chart using precise geographical coordinates. Such precise coordinates can be achieved by means of a support geodetic network in the field, and the determination of the geodetic coordinates (planimetry and altimetry) as a system, based on high precision measurements which will be accomplished within the project.</p>		
<b>Planned project activities:</b>	<p>The investment will affect the entire course of the Romanian Danube as well as the two canals Danube–Black Sea and Poarta Alba–Midia–Navodari and consist of a geodetic network with 144 landmarks locations. The activities for achieving a coherent system, compatible both with the national geodetic system and those of the neighbouring countries, are:</p> <ul style="list-style-type: none"> <li>• Topographic surveys for the determination of the precise locations of the 144 landmarks</li> <li>• Design of the network as a system</li> <li>• Placement of three landmarks per each location within a range of 2 km: reference, azimuth and blank</li> <li>• Connection to the national geodetic system</li> </ul>		
<b>Transboundary impact:</b>	Romania and all other riparian countries will benefit from the improvement of the safety of navigation on Danube.		
<b>Project beneficiaries / target groups:</b>	<ul style="list-style-type: none"> <li>• Shipping companies</li> <li>• All other users of the Danube waterway</li> </ul>		
STATUS AND TIME FRAME			
<b>Current project phase:</b> (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		

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	<input type="checkbox"/> Completion		
<b>Start date:</b>	2011	<b>End date:</b>	2014
<b>Notes:</b>	-		
PROJECT TEAM			
<b>Project leader:</b>	River Administration of the Lower Danube Galati / Romania		
<b>Project partner(s):</b>	-		
<b>Contact person:</b>	<b>Name:</b>	Florin Uzumtoma	
	<b>Organisation:</b>	River Administration of the Lower Danube Galati	
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	<b>Website:</b>	<a href="http://www.afdj.ro">www.afdj.ro</a>	
FINANCING			
<b>Available:</b> (please tick a box)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Partly	<input type="checkbox"/> No
<b>Total budget:</b>	1,000,000 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:	28.88% (State budget)	
	<input checked="" type="checkbox"/> EU funds:	71.12% (European Regional Development Fund)	
	<input type="checkbox"/> IFI loans:		
	<input type="checkbox"/> Private funds:		
	<input type="checkbox"/> Other:		
PROJECT ENVIRONMENT			
<b>Project cross-reference:</b>	-		
<b>Cross-reference ID(s):</b>	-		
<b>Strategic reference:</b>	-		
<b>Relevant legislation:</b>	-		
<b>Other:</b>	-		

EUSDR EMBEDDING	
<p><b>Relation to other Priority Areas of the Danube Region Strategy:</b> (please tick a box)</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> PA1b: To improve mobility and multimodality – Road, rail and air links</li> <li><input type="checkbox"/> PA02: To encourage more sustainable energy</li> <li><input type="checkbox"/> PA03: To promote culture and tourism, people and people contacts</li> <li><input type="checkbox"/> PA04: To restore and maintain the quality of waters</li> <li><input type="checkbox"/> PA05: To manage environmental risks</li> <li><input type="checkbox"/> PA06: To preserve biodiversity, landscapes and the quality of air and soils</li> <li><input type="checkbox"/> PA07: To develop the knowledge society through research, education and information technologies</li> <li><input type="checkbox"/> PA08: To support the competitiveness of enterprises, including cluster development</li> <li><input type="checkbox"/> PA09: To invest in people and skills</li> <li><input type="checkbox"/> PA10: To step up institutional capacity and cooperation</li> <li><input type="checkbox"/> PA11: To work together to promote security and tackle organised and serious crime</li> </ul>
EUSDR COMPLIANCE	
<p><b>Compliance with targets of the Danube Region Strategy:</b> (please tick a box)</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Increase the cargo transport on the river by 20% by 2020 compared to 2010.</li> <li><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.</li> <li><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.</li> <li><input 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.</li> <li><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.</li> </ul>
<p><b>Compliance with actions of the Danube Region Strategy:</b> (please tick a box)</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way.</li> <li><input checked="" type="checkbox"/> To invest in waterway infrastructure of Danube and its tributaries and develop the interconnections.</li> <li><input type="checkbox"/> To modernise the Danube fleet in order to improve environmental and economic performance.</li> <li><input type="checkbox"/> To coordinate national transport policies in the field of navigation in the Danube basin.</li> <li><input type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention.</li> </ul>

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	<ul style="list-style-type: none"><li><input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres.</li><li><input type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries.</li><li><input type="checkbox"/> To promote sustainable freight transport in the Danube Region.</li><li><input type="checkbox"/> To implement harmonised River Information Services (RIS).</li><li><input type="checkbox"/> To invest in education and jobs in the Danube navigation sector.</li></ul>
<p><b>Affiliation to thematic working group of Priority Area 1a of the EUSDR:</b> (please tick a box)</p>	<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Waterway infrastructure and management</li><li><input type="checkbox"/> Ports and sustainable freight transport</li><li><input type="checkbox"/> Danube fleet</li><li><input type="checkbox"/> River Information Services</li><li><input type="checkbox"/> Education and jobs</li></ul>