

Project Data Sheet

BASIC PROJECT DATA			
Full project title:	Removal of unexploded ordnance (UXO) from the Danube River, Sector Prahovo		
Short project title: (acronym)	–	Project logo:	–
Project website:	–	Project ID:	PA1A072
Need and added value for Danube Region Strategy:	<p>The Serbian Inland Waterways Transport Network Master Plan included the preparation of a Master Plan for Inland Waterway Transport up to 2025 and the execution of three Feasibility Studies. The situation of the waterway transport system in Serbia required urgent action in order to rapidly restore past levels of traffic, which were affected by economic sanctions, the break-up of former Yugoslavia and the 1999 NATO bombings.</p> <p>Priorities regarding IWW transport are also defined in the General Transport Master Plan for the Republic of Serbia which determines priorities for further development of transport infrastructure. Following the 1999 air bombing campaign, the capacity of Transport Corridor VII was reduced; bridges across the Danube River and other structures and ports were targeted, damaged and/or destroyed. As a result, the presence of UXO in the riverbed and on the river banks was a threat to safe navigation, health and safety, and to the environment.</p>		
Objective(s) of project:	<p>This already concluded project aimed to:</p> <ul style="list-style-type: none"> develop the full potential and the competitiveness of Serbia's inland waterway transport sector for socio-economic development, in particular in the Danube basin; remove identified UXO in high priority areas and conduct an efficient and effective supervision of their removal from the fairway, in accordance with international regulations and standards. <p>Priority areas were selected by the Mine Action Centre, Plovput and the Ministry of Infrastructure. Those locations were verified in the course of the project.</p>		
Conducted project activities:	<ul style="list-style-type: none"> Comprehensive assessment of the (at that time preliminary) results achieved in a simultaneously ongoing survey in order to get all necessary information by magnetic borehole detection accompanied by geo-radar and CPT-measurements, in preparation of a safe and effective recovery process. Identification of the concept of a safe recovery, defusing and disposal of UXO. Supervision of safe disposal of UXO and any contaminated material in line with good engineering & environmental practice. Quality assessment of the work performed with additional survey in order to certify the absence of UXO in all suspicious areas. Coordination with other Serbian authorities (Mine Action Centre of the Republic of Serbia - MAC, Directorate for Inland Waterways - Plovput, Ministry of Environment & Spatial Planning). 		
Transboundary impact:	<p>The sustainability of the project is reflected in the establishment of uninterrupted navigation conditions on the Danube in Serbia and the potential for increased transport capacity and reduced transport time as well as fewer river accidents, which should reduce costs.</p>		

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	The Republic of Serbia wants to become a reliable and recognized partner within the EU. Further, there was a large potential benefit to the EU in assisting in keeping this corridor functional as a guarantee for safe and efficient shipping.		
Project beneficiaries / target groups:	The beneficiary country is the Republic of Serbia. The Ministry of Infrastructure and Energy was the beneficiary of this project and is ultimately responsible for maintaining navigation through the work of Plovput, the Directorate for Inland Waterways. The agency responsible for the supervision and removal of unexploded ordnance (UXO) was the Mining Action Centre (MAC).		
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 type="checkbox"/> Implementation <input checked="" type="checkbox"/> Completion		
Start date:	06/2010	End date:	12/2012
Notes:	–		
PROJECT TEAM			
Project leader:	SeaTerra GmbH (Geophysik & Kampfmittel Dienstleistungen GmbH - SeaTerra Geophysics & EOD services) / Germany		
Project partner(s):	Mull und Partner Ingenieurgesellschaft mbH / Germany (supervision of works)		
Contact person:	Name:	-	
	Organisation:	Mining Action Centre	
	Address:	Aljehinova 2, Belgrade, Serbia	
	Phone:	-	
	E-Mail:	-	
	Website:	–	
FINANCING			
Available: (please tick a box)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partly <input type="checkbox"/> No		
Total budget:	2,696,235 EUR (for project works) 788,400 EUR (for supervision of works)		
Source(s) and amount (potential sources for project ideas): (please tick a box and provide further info)	<input checked="" type="checkbox"/> National/regional funds:	amount unknown	
	<input checked="" type="checkbox"/> EU funds:	3,484,635 EUR	

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	(Instrument for Pre-Accession Assistance 2010)
<input type="checkbox"/> IFI loans:	
<input type="checkbox"/> Private funds:	
<input type="checkbox"/> Other:	
PROJECT ENVIRONMENT	
Project cross-reference:	Sub-project of "To remove shipwrecks, bridges debris and unexploded weapons from the riverbed of the Danube" (project example in EUSDR Action Plan).
Cross-reference ID(s):	"To remove shipwrecks, bridges debris and unexploded weapons from the riverbed of the Danube" (project example in EUSDR Action Plan). (PA1A001)
Strategic reference:	<p>Serbian strategic reference:</p> <ul style="list-style-type: none"> • Master Plan for IWW Transport in Serbia (2006) • Serbian Transport Development Strategy for Period 2008-2015 (2008) • General Master Plan for Transport in Serbia (2009)
Relevant legislation:	<p>Serbian legal framework:</p> <ul style="list-style-type: none"> • Law on Navigation and Ports on Inland Waterways (2010) • Law on Environmental Impact Assessment • Law on Strategic Environmental Impact Assessment • Law on Spatial Planning and Construction <p>International legal framework:</p> <ul style="list-style-type: none"> • Danube Commission Recommendations • AGN (UNECE)
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 checked="" type="checkbox"/> PA05: To manage environmental risks <input 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

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	<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:	<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 harmonised 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.
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 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 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 finalising the process of reviewing the Belgrade Convention. <input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres. <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 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 type="checkbox"/> Ports and sustainable freight transport <input type="checkbox"/> Danube fleet <input type="checkbox"/> River Information Services <input type="checkbox"/> Education and jobs

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OTHER RELEVANT ISSUES	
Project requirements:	The prevailing EU environmental standards and the ICPDR guidelines as well as the IMAS Standards (International Mine Action Standards) were applied for the performance of survey and recovery work.
Follow-up project:	–
Any other issues:	–