

Project Data Sheet

BASIC PROJECT DATA			
Full project title:	Rehabilitation of locks on the Danube - Black Sea Canal and the Poarta Alba - Midia Navodari Canal		
Short project title: (acronym)	–	Project logo:	–
Project website:	–	Project ID:	PA1A034
Need and added value for Danube Region Strategy:	The locks on the Danube – Black Sea Canal (namely Cernavoda and Agigea) and on the Poarta Alba – Midia Navodari Canal (namely Ovidiu and Navodari) are part of the TEN-T core network. Their reliable operation is crucial for inland waterway transport on both canals.		
Objective(s) of project:	<p>The general objective of the project is to ensure the availability, reliability and safety of navigation on the two channels (CDMN and CPAMN), providing thus a sustainable alternative to road transport along an important national and international route.</p> <p>In the contract "Technical Assistance for improving the navigation conditions on the Romanian-Bulgarian common sector of the Danube and related studies", Section III covers the Danube–Black Sea Canal and Poarta Alba–Midia Navodari Canal (branching from the Danube-Black Sea Canal to the seaport of Midia). Thus, in this section a feasibility study was completed on upgrading the equipment and facilities of locks, taking into account their age, namely:</p> <ul style="list-style-type: none"> • Equipment and installations are older than 27 years • Pumping-station equipment is older than 43 years <p>According to the project, the initial life-span of the equipment and facilities is:</p> <ul style="list-style-type: none"> • 15 years for control and drive systems hydraulics • 12 years for electrical installations • 24 years for metal structures (gates, sluices, bridges) <p>Design year of equipment is 1978.</p>		
Planned project activities:	<p>The project includes:</p> <ul style="list-style-type: none"> • Rehabilitation of Cernavoda and Agigea locks • Rehabilitation and upgrading of the basic auxiliary equipment serving these locks, namely: the main pumping station in Cernavoda (SPC) and other pumping stations protecting villages against flooding • Rehabilitation of Ovidiu lock including the high water galleries • Rehabilitation of the high water galleries of the Navodari lock <p>The project specifically involves:</p> <ul style="list-style-type: none"> • Modernization of lock basic technological equipment (gates, valves, control, action and automatic installation, control and supervision installation, hydraulic installation, etc.) • Modernization of lock auxiliary equipment: de-watering installation, power supply and distribution installation, generator, lighting installations, etc. • Rehabilitation of lock's construction part (waterproofing, technological chambers, technological spaces, etc.) 		

Project Data Sheet

	<ul style="list-style-type: none"> • Installation of equipment for the lock safety (TVCI equipment, traffic light signalling systems for locks, fire extinguishing systems, bollards etc.) • Modernization of the pumping units 		
Transboundary impact:	On the Danube–Black Sea Canal and Poarta Alba–Midia Navodari Canal goods are transported by ships flying different flags.		
Project beneficiaries / target groups:	<ul style="list-style-type: none"> • Shipping companies • Communities surrounding waterways 		
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 <input type="checkbox"/> Completion		
Start date:	2013	End date:	2019
Notes:	<p>Feasibility study was finalised in 2011. The financing application was submitted in 2012 to the Management Authority for SOPT 2007–2013.</p> <p>The project was split to be implemented in two phases, namely:</p> <ul style="list-style-type: none"> • Phase 1 financed through <i>Sectorial Operational Programme Transport 2007-2013 (SOPT)</i> (finalised in 2016) • Phase 2 financed through <i>Large Infrastructure Operational Programme 2014-2020 (POIM)</i>, is ongoing 		
PROJECT TEAM			
Project leader:	Administration of Navigable Canals (ACN), Constanta / Romania		
Project partner(s):	–		
Contact person:	Name:	-	
	Organisation:	Administration of Navigable Canals (ACN), Constanta / Romania	
	Address:	No.1 Ecluzei Street , 907015 Agigea / Romania	
	Phone:	-	
	E-Mail:	compania@acn.ro	
	Website:	www.acn.ro	
FINANCING			
Available: (please tick a box)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Partly	<input type="checkbox"/> No
Total budget:	228,613,798 EUR for phase 1 119,734,240 EUR for phase 2 (estimation)		

Project Data Sheet

Source(s) and amount (potential sources for project ideas): (please tick a box and provide further info)	<input checked="" type="checkbox"/> National/regional funds:	72,234,494 EUR state budget for phase 1
	<input checked="" type="checkbox"/> EU funds:	156,379,303 EUR for phase 1 (Cohesion Fund – <i>Operational Programme Transport (SOPT) 2007 – 2013</i>) Phase 2 is co-funded by the <i>Large Infrastructure Operational Programme (POIM) 2014 - 2020</i>
	<input type="checkbox"/> IFI loans:	-
	<input type="checkbox"/> Private funds:	-
	<input type="checkbox"/> Other:	-
PROJECT ENVIRONMENT		
Project cross-reference:	<ul style="list-style-type: none"> Banks consolidation on the Danube–Black Sea Canal (PA1A028) Modernizing the navigation signalization system on the Danube–Black Sea Canal (PA1A029) Waiting berth for the dismantling/remaking of pushed convoys at the junction between the Danube–Black Sea Canal and the Poarta Alba–Midia Navodari Canal (PA1A035) Banks consolidation on the Poarta Alba–Midia Navodari Canal (PA1A042) Modernizing the navigation signalization system on the Poarta Albă–Midia Năvodari Canal (PA1A066) 	
Cross-reference ID(s):	–	
Strategic reference:	<ul style="list-style-type: none"> Strategy for sustainable development on the period 2007–2013 and 2020, 2030 approved by Minister of Transport Order no. 508/2008 Government Programme 2013 – 2016 Navigation and Inland Waterway Action and Development in Europe (NAIADES) COM (2006) 6 final White Paper Roadmap to a Single European Transport Area – Towards a competitive and resource efficient transport system COM(2011) 144 final 	
Relevant legislation:	<ul style="list-style-type: none"> Decision no. 661/2010/EU of the European Parliament and of the Council of 7 July 2010 on Union guidelines for the development of the trans-European transport network Low no. 203/2003 regarding the guidelines for the creating, development and modernization of transport network of national and international importance Government Decision no. 599/2009 regarding the organisation of the National Company “Navigable Canals Administration” 	
Other:	Feasibility study was finalised in 2011. Gov. Decision no.376 / 2013 for approval of the technical and economic indicators of the investment.	

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 <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 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:	<ul style="list-style-type: none"> <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 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 type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention.

Project Data Sheet

	<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
OTHER RELEVANT ISSUES	
Project requirements:	–
Follow-up project:	–
Any other issues:	–