BASIC PROJECT DATA		
Full project title:	**System for ship-generated waste collection and processing in the maritime Danube ports**	
Short project title: (acronym)	CODENAV	**Project logo:**	–
Project website:	–	**Project ID:**	PA1A064
Need and added value for Danube Region Strategy:	The project aimed to increase the quality of the ship-generated waste collection and processing services and the response in cases of pollution, through purchasing ships, installations and equipment, as well as through infrastructure works, which were necessary for the collection/processing of the waste from river ships passing through Braila, Galati and Tulcea ports managed by the APDM SA Galati.	
Objective(s) of project:	• Compliance with the European Directives for the protection of the Danube river • Improve the quality of ship waste collection services by procuring ships, specialised installations and equipment to help with the collection of residue coming from operating ships in Galati, Braila and Tulcea ports • Rehabilitation and modernisation of a number of ships, installations and equipment specialised in residue collection, currently under the NC MDPA JSC management • Increase the institutional capacity to manage ship waste in ports, according to the forecasts which indicate increased traffic in the area of the specified ports • Improve the efficiency of intervention in cases of accidental pollution by ensuring adequate installations and equipment	
Conducted project activities:	The following was bought within the project: • 5 new multipurpose ships for collecting residues or intervention in case of pollution (Ecodunarea 1 and Ecodunarea 2: multifunctional ships used for both solid and liquid ship waste collection and water surface waste due to accidental pollution; Ecoport 1 and Ecoport 2: non-self-propelled ships equipped for collection/ treatment and temporary storage of ship waste gathered and also to intervene in cases of accidental pollution of the Danube; Ecoexpres: assistance ship used for transferring oil products/ bunkerage and collection of ship waste.) • 25 containers for residues (Equipment for residues separation) Through the CODENAV project, the necessary collection and treatment facilities were completed for ship-generated waste in the following ports under the administration of NC MDPA: Galati, Braila and Tulcea.	
Transboundary impact:	Creating waste collection facilities for ships flying all kind of flags.	
Project beneficiaries / target groups:	• Shipping companies • Port operators	

Project Data Sheet

STATUS AND TIME FRAME			
Current project phase: (please tick a box)	☐ Definition (e.g. project idea, abstract) ☐ Preparation (e.g. project proposal, feasibility study) ☐ Implementation ☒ Completion		
Start date:	31.12.2010	**End date:**	30.12.2013
Notes:	–		

PROJECT TEAM		
Project leader:	Maritime Danube Ports Administration Galati / Romania	
Project partner(s):	–	
Contact person:	**Name:**	-
	Organisation:	Maritime Danube Ports Administration SA Galati
	Address:	Portului Street no. 34, Galati, Romania
	Phone:	-
	E-Mail:	apdm@apdm.galati.ro
	Website:	www.romanian-ports.ro

FINANCING			
Available: (please tick a box)	☒ Yes	☐ Partly	☐ No
Total budget:	10,010,881 EUR		
Source(s) and amount (potential sources for project ideas): (please tick a box and provide further info)	☒ National/regional funds:	3,136,435 EUR (State budget)	
	☒ EU funds:	6,874,446 EUR (Operational Programme Transport 2007-2013 - European Regional Development Fund)	
	☐ IFI loans:		
	☐ Private funds:		
	☐ Other:		

Project Data Sheet

PROJECT ENVIRONMENT	
Project cross-reference:	• Ship-generated waste collection and processing system and response in cases of pollution on the Danube sector managed by the CN APDF SA Giurgiu • Waste Management for Inland Navigation on the Danube (WANDA) • Convention for Waste Management for Inland Navigation on the Danube (CO-WANDA) **Connection between CODENAV and CO-WANDA projects:** Through the CO-WANDA project, a binding international ship waste convention (The International Danube Ship Waste Convention) was initiated to coordinate and harmonise the development of the ship waste management systems along the Danube. By harmonizing and adapting the existing ship waste management systems, the risk of illegal ship waste discharge will decrease, therefore protecting both the ecosystem and the standard of living along the Danube. Following the sector's environmental performance boost, CO-WANDA also aimed at enhancing the competitive position of inland waterway transport systems within the Danube region in alignment with the objectives set forth by the CODENAV project. As project partner in the CO-WANDA project, NC MDPA was also responsible for the implementation of pilot actions and tests in ports Galati and Tulcea, regarding ship waste collection along the Danube. The aim of the implementation of pilot actions was: • To supply data associated with different indirect financing models applied by project partners related to services for collection, taking over, temporary storage, and disposal of waste generated by ships. Ultimately, the data was reviewed and then integrated in a draft of International Convention for management of waste generated by ships on the Danube. • To increase the awareness of ship captains regarding ship waste delivery, encourage them to make use of port facilities available on the maritime Danube stream and thereby protect the Danube. The pilot actions developed in two phases: 16.10.2013 - 30.11.2013 and 16.03.2014 - 15.04.2014. They included carrying out the following activities: collection, treatment and disposal of waste oil from ships and other types of ship-generated waste.
Cross-reference ID(s):	PA1A063, PA1A003, PA1A017
Strategic reference:	• The Basel Convention • The Recommendations of the Danube Commission • The Convention for the Protection of the Danube river • Agreement in the field of Danube navigation and waterway administration • The Danube Navigation regulation

Project Data Sheet

	• The Lisbon strategy • The Sofia Convention on Cooperation for the Protection and Sustainable Use of the Danube River • The Romanian National Action Plan for Environmental Protection • The Romanian National Sustainable Development Strategy (2008) • The Romanian Strategy for Sustainable Transport 2007-2013 and 2020, 2030 • The Romanian Sectoral Operational Programme - Transport (SOP-T 2007-2013)
Relevant legislation:	• The Framework Directive in the field of water policy 2000/60/EC • Directive on waste 2006/12/EC • Hazardous waste Directive 91/689/EEC • European Waste Catalogue 2000/532/EC • Directive on the disposal of waste oil 75/439/EEC • Packaging and packaging waste Directive 94/62/EC • Directive on the landfill of waste 1999/31/EC • Waste incineration Directive 2000/76/EC • Directive on port reception facilities for ship – generated waste and cargo residues 2000/59/EC • Government Decision no. 19 / 10.01.1991 – regarding the organization of certain autonomous administrations and joint stock companies in the naval transport field • Ordinance no. 22 / 29.01.1999 as modified and amended – regarding the ports and waterway administration as well as the unfolding of transport activities in ports and waterways • Law no. 107 / 25.09.1996 – The Water Law • Emergency Ordinance no. 78 / 16.06.2000 – Regarding wastes
Other:	–
EUSDR Embedding	
Relation to other Priority Areas of the Danube Region Strategy: (please tick a box)	☐ PA1b: To improve mobility and multimodality – Road, rail and air links ☐ PA02: To encourage more sustainable energy ☐ PA03: To promote culture and tourism, people and people contacts ☒ PA04: To restore and maintain the quality of waters ☐ PA05: To manage environmental risks ☐ PA06: To preserve biodiversity, landscapes and the quality of air and soils ☐ PA07: To develop the knowledge society through research, education and information technologies ☐ PA08: To support the competitiveness of enterprises, including cluster development ☐ PA09: To invest in people and skills

Project Data Sheet

	☐ PA10: To step up institutional capacity and cooperation
	☐ PA11: To work together to promote security and tackle organised and serious crime

EUSDR COMPLIANCE	
Compliance with targets of the Danube Region Strategy: (please tick a box)	☐ Increase the cargo transport on the river by 20% by 2020 compared to 2010.
	☐ 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.
	☒ 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.
	☐ Implement harmonised River Information Services (RIS) on the Danube and its navigable tributaries and ensure the international exchange of RIS data preferably by 2015.
	☐ 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: (please tick a box)	☐ To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way.
	☐ To invest in waterway infrastructure of Danube and its tributaries and develop the interconnections.
	☐ To modernise the Danube fleet in order to improve environmental and economic performance.
	☐ To coordinate national transport policies in the field of navigation in the Danube basin.
	☐ To support Danube Commission in finalising the process of reviewing the Belgrade Convention.
	☐ To develop ports in the Danube river basin into multimodal logistics centres.
	☐ To improve comprehensive waterway management of the Danube and its tributaries.
	☒ To promote sustainable freight transport in the Danube Region.
	☐ To implement harmonised River Information Services (RIS).
	☐ To invest in education and jobs in the Danube navigation sector.
Affiliation to thematic working group of Priority Area 1a of the EUSDR: (please tick a box)	☐ Waterway infrastructure and management
	☒ Ports and sustainable freight transport
	☐ Danube fleet
	☐ River Information Services
	☐ Education and jobs

Project Data Sheet

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