

# Project Data Sheet

| BASIC PROJECT DATA                                      |   |                      |         |
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| <b>Full project title:</b>                              | <b>Completion of the North breakwater in the Port of Constanța</b>  |                      |         |
| <b>Short project title:</b><br>(acronym)                | -   | <b>Project logo:</b> | -       |
| <b>Project website:</b>                                 | -   | <b>Project ID:</b>   | PA1A055 |
| <b>Need and added value for Danube Region Strategy:</b> | <p>Prior to the project, the southern area of Constanta port, protected by the northern and the southern breakwater, was exposed to waves coming from an easterly direction. This was partly because, at the time when the northern breakwater was originally built, budgetary restrictions meant it could not reach the planned length of 5 900 metres. This project finally extended the northern breakwater to the desired length in order to deliver the wave protection needed in the southern area of the port.</p> <p>The completion of the last 1050 m long sector of the North breakwater has positive effects in terms of safe operations in Constanta Port.</p> <p>The project increases the productivity of the port, by reducing the impact of the waves on operations and minimising the risk of accidents. For the berths, this project eliminates 25% of productivity decrease during downtime. For barges, an essential component for transshipment, it eliminates the idle time during bad weather.</p> |                      |         |
| <b>Objective(s) of project:</b>                         | <p>The project extends the northern breakwater from 4 850 metres to 5 900 metres so that, along with the southern breakwater, it can reduce the negative impacts of the waves on operations and safety at the port, and increase the port's productivity.</p> <ul style="list-style-type: none"> <li>• Decreasing the waves in the port to an acceptable level to ensure the safe operation of vessels</li> <li>• Decreasing the destructive effects of the waves on the infrastructure within the port</li> <li>• Smooth access of vessels to the entry into the port</li> <li>• Decreasing the sediments in the waters by guiding the currents further away</li> </ul>  |                      |         |

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|  | <p>(c) Google Maps</p>  |
| <p><b>Conducted project activities:</b></p>                  | <ul style="list-style-type: none"> <li>• Tender for execution and supervision of works</li> <li>• Works execution</li> </ul> <p>Works were carried out in three areas: the area where the existing breakwater ended and was connected to the new works; the area where an underwater core for the breakwater extension already existed; and the area for the completely new works, lying directly on the sea floor. The protection wall measures nine metres above sea level, rising to 10 metres with the stone coating.</p> |
| <p><b>Transboundary impact:</b></p>                          | <p>The project increases safety in the Port of Constanta for port operators and all shipping companies operating in the port. It thereby helps the development of efficient multimodal terminals in the area of Constanta port.</p>   |
| <p><b>Project beneficiaries / target groups:</b></p>         | <p>Beneficiary: National Company Maritime Ports Administration SA Constanta<br/>Target Groups: Shipping companies, port operators</p>   |
| <b>STATUS AND TIME FRAME</b>                                 |   |
| <p><b>Current project phase:</b><br/>(please tick a box)</p> | <p><input type="checkbox"/> Definition (e.g. project idea, abstract)</p> <p><input type="checkbox"/> Preparation (e.g. project proposal, feasibility study)</p> <p><input type="checkbox"/> Implementation</p> <p><input checked="" type="checkbox"/> Completion</p>  |

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| <b>Start date:</b>   | 2011  | <b>End date:</b>  | 2015 |
| <b>Notes:</b>  | -   |   |      |
| <b>PROJECT TEAM</b>  |   |   |      |
| <b>Project leader:</b>   | National Company Maritime Ports Administration SA Constanta / Romania   |   |      |
| <b>Project partner(s):</b>   | -   |   |      |
| <b>Contact person:</b>   | <b>Name:</b>  | -   |      |
|  | <b>Organisation:</b>  | National Company Maritime Ports Administration SA Constanta   |      |
|  | <b>Address:</b>   | Incinta Port Gara Maritima, Constanta / Romania   |      |
|  | <b>Phone:</b>   | -   |      |
|  | <b>E-Mail:</b>  | -   |      |
|  | <b>Website:</b>   | <a href="http://www.portofconstantza.com">www.portofconstantza.com</a>  |      |
| <b>FINANCING</b>   |   |   |      |
| <b>Available:</b><br>(please tick a box)   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partly <input type="checkbox"/> No   |   |      |
| <b>Total budget:</b>   | 175,050,000 EUR   |   |      |
| <b>Source(s) and amount (potential sources for project ideas):</b><br>(please tick a box and provide further info) | <input checked="" type="checkbox"/> National/regional funds:  | 106,970,000 EUR state budget  |      |
|  | <input checked="" type="checkbox"/> EU funds:   | 68,080,000 EUR (ERDF)<br>co-financing through the <i>Operational Programme "Transport" 2007 – 2013 (SOPT)</i> |      |
|  | <input type="checkbox"/> IFI loans:   | -   |      |
|  | <input type="checkbox"/> Private funds:   | -   |      |
|  | <input type="checkbox"/> Other:   | -   |      |
| <b>PROJECT ENVIRONMENT</b>   |   |   |      |
| <b>Project cross-reference:</b>  | -   |   |      |
| <b>Cross-reference ID(s):</b>  | -   |   |      |
| <b>Strategic reference:</b>  | <ul style="list-style-type: none"> <li>• Strategy for sustainable development on the period 2007-2013 and 2020, 2030 approved by Minister of Transport Order no. 508/2008</li> <li>• Government Programme 2009 – 2012</li> <li>• White Paper Roadmap to a Single European Transport Area – Towards a competitive and resource efficient transport system COM(2011) 144 final</li> </ul> |   |      |

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| <b>Relevant legislation:</b>  | <ul style="list-style-type: none"> <li>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</li> <li>Low no. 203/2003 regarding the guidelines for the creating, development and modernization of transport network of national and international importance</li> </ul>  |
| <b>Other:</b>   | -  |
| <b>EUSDR EMBEDDING</b>  |  |
| <b>Relation to other Priority Areas of the Danube Region Strategy:</b><br>(please tick a box) | <input checked="" type="checkbox"/> PA1b: To improve mobility and multimodality – Road, rail and air links<br><input type="checkbox"/> PA02: To encourage more sustainable energy<br><input type="checkbox"/> PA03: To promote culture and tourism, people and people contacts<br><input type="checkbox"/> PA04: To restore and maintain the quality of waters<br><input type="checkbox"/> PA05: To manage environmental risks<br><input type="checkbox"/> PA06: To preserve biodiversity, landscapes and the quality of air and soils<br><input type="checkbox"/> PA07: To develop the knowledge society through research, education and information technologies<br><input type="checkbox"/> PA08: To support the competitiveness of enterprises, including cluster development<br><input type="checkbox"/> PA09: To invest in people and skills<br><input type="checkbox"/> PA10: To step up institutional capacity and cooperation<br><input type="checkbox"/> PA11: To work together to promote security and tackle organised and serious crime |
| <b>EUSDR COMPLIANCE</b>   |  |
| <b>Compliance with targets of the Danube Region Strategy:</b><br>(please tick a box)          | <input checked="" type="checkbox"/> Increase the cargo transport on the river by 20% by 2020 compared to 2010.<br><input 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.<br><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.<br><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.<br><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><br>(please tick a box)          | <input type="checkbox"/> To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way.<br><input type="checkbox"/> To invest in waterway infrastructure of Danube and its tributaries and develop the interconnections.   |

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|   | <input type="checkbox"/> To modernise the Danube fleet in order to improve environmental and economic performance.<br><input type="checkbox"/> To coordinate national transport policies in the field of navigation in the Danube basin.<br><input type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention.<br><input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres.<br><input type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries.<br><input checked="" type="checkbox"/> To promote sustainable freight transport in the Danube Region.<br><input type="checkbox"/> To implement harmonised River Information Services (RIS).<br><input type="checkbox"/> To invest in education and jobs in the Danube navigation sector. |
| <b>Affiliation to thematic working group of Priority Area 1a of the EUSDR:</b><br>(please tick a box) | <input type="checkbox"/> Waterway infrastructure and management<br><input checked="" type="checkbox"/> Ports and sustainable freight transport<br><input type="checkbox"/> Danube fleet<br><input type="checkbox"/> River Information Services<br><input type="checkbox"/> Education and jobs  |
| <b>OTHER RELEVANT ISSUES</b>  |  |
| <b>Project requirements:</b>  | -  |
| <b>Follow-up project:</b>   | -  |
| <b>Any other issues:</b>  | -  |