


# Project Data Sheet

| BASIC PROJECT DATA                                      |  |                      |   |
|---|--|----------------------|---|
| <b>Full project title:</b>                              | <b>Harmonized Inland Navigation Transport through Education and Information Technology</b>   |                      |   |
| <b>Short project title:</b><br>(acronym)                | HINT   | <b>Project logo:</b> |  |
| <b>Project website:</b>                                 | <a href="http://www.hintproject.net">www.hintproject.net</a>   | <b>Project ID:</b>   | PA1A0018  |
| <b>Need and added value for Danube Region Strategy:</b> | <p>The Action Plan issued within the European Strategy for the Danube Region highlights that “Danube navigation is currently experiencing a shortage of nautical personnel, which is also caused by limited training and education opportunities in the Danube countries. In order to facilitate labour availability and mobility at the European level, common education and training profiles should be pursued. Within this framework, the Danube countries should attract and educate young people for the profession of Danube crewman. Companies involved in inland waterways transport (ports, shipping companies, customers, etc.) and educational and research bodies should establish educational platforms and networks to increase competitiveness and competence of all actors.”</p> <p>With NELI (<a href="http://www.neliproject.eu">www.neliproject.eu</a>, SEE 1<sup>st</sup> Call project) such a network was created and first joint activities were implemented in order to harmonise and improve education &amp; training in the field of inland navigation (e.g. IT-based common learning tools, conception and piloting of information and training centres). A jointly developed NELI Transnational Action Plan identified further concrete measures to mitigate the shortages discovered.</p> <p>As follow-up project of NELI, HINT did foster and enlarge transnational partnerships among stakeholders of the education &amp; training, administrative and inland navigation sectors in the South East Europe region. It did capitalise on existing results from NELI and other related projects like PLATINA and did jointly elaborate new outputs with the ultimate goal to establish a unique harmonized theoretical and practical training system in inland navigation in the Danube region. The outputs delivered by the projects included, among others, harmonized concepts for training ship, inland navigation simulator and transshipment simulator and defined the minimum requirements for education, training and certification in inland navigation, thus paving the way for the mobility of inland navigation personnel throughout the Danube region and beyond.</p> <p>The concept of a school ship established a set of minimum standard requirements for practical training on board a training vessel, integrating the contribution of all relevant education and training institutions in the area and developed under the guidance of applicable entities in the sector such as naval authorities. The Danube Commission, Sava Commission did also offer alternative solutions for the joint operation of such a training ship which can be further implemented and put in action in a future project.</p> <p>The job promotion campaign using the instruments developed in PLATINA did offer a higher visibility of career opportunities in inland navigation and did thus mitigate the lack of staff in the inland waterway navigation sector in Europe.</p> |                      |   |
| <b>Objective(s) of project:</b>                         | <p>A harmonized approach based on shared European benchmarks in education and training developing key competencies and organisational skills, unifying the education and training system and offering as a result equal opportunities and extensive mobility to nautical labour force in the Danube corridor, thus meeting the prerogatives of the Danube Strategy, the Transport White Paper 2011 - Roadmap to a Single European Transport Area and the objectives of the Danube Commission.</p>  |                      |   |

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| <b>Conducted project activities:</b>                 | <ul style="list-style-type: none"> <li>• Network, harmonization and IT deployment: Fostering of the existing Danube network of education &amp; training, administrative organizations and additional stakeholders working in the field of inland navigation for stimulating exchange and innovation activities in the Danube region. The joint activities covered common working topics ranging from harmonization of education &amp; training in inland navigation along with European initiatives, facilitating e-government and IT deployment, integrating inland navigation knowledge in transport logistics education and training to the capitalization of results of the NELI project like the eLearning platform for Danube navigation – IneS Danube.</li> <li>• Conception and future large-scale implementation: Conception and implementation planning of transnational Danube-wide strategies for a future “Danube School Ship” and a “Danube Navigation Simulator”, for closing the education and information technology gap with other European regions in the mid-term future.</li> <li>• Promotion and awareness building: Promoting and campaigning the topics jobs, skills and employments in the field of Danube navigation via already existing and new established Information and Training Centres inviting stakeholder groups to learn more about the future of Danube navigation, but also through on-the-spot visits for meeting the target group within their daily working and life environment (i.e. at job fairs, in schools, in transport companies).</li> </ul> |                  |            |
| <b>Transboundary impact:</b>                         | Austria, Hungary, Slovakia, Slovenia, Bulgaria, Romania, Serbia, Croatia, Ukraine  |                  |            |
| <b>Project beneficiaries / target groups:</b>        | Beneficiary: CERONAV – Romanian Maritime Training Centre, Galati<br>Target groups: <ul style="list-style-type: none"> <li>• Shipping companies</li> <li>• Interested students</li> </ul>   |                  |            |
| <b>STATUS AND TIME FRAME</b>                         |  |                  |            |
| <b>Current project phase:</b><br>(please tick a box) | <input type="checkbox"/> Definition (e.g. project idea, abstract)<br><input type="checkbox"/> Preparation (e.g. project proposal, feasibility study)<br><input type="checkbox"/> Implementation<br><input checked="" type="checkbox"/> Completion  |                  |            |
| <b>Start date:</b>                                   | 14.12.2012   | <b>End date:</b> | 31.12.2014 |
| <b>Notes:</b>  | Co-funded under the EU's South East Europe Transnational Cooperation Programme.  |                  |            |
| <b>PROJECT TEAM</b>                                  |  |                  |            |
| <b>Project leader:</b>                               | CERONAV– Romanian Maritime Training Centre, Constanta / Romania  |                  |            |
| <b>Project partner(s):</b>                           | <ul style="list-style-type: none"> <li>• via donau – Austrian Waterway Company / Austria</li> <li>• Ennshafen OÖ GmbH / Austria</li> <li>• University of Applied Sciences Upper Austria Research &amp; Development Ltd. / Austria</li> <li>• Pro Danube International / Austria</li> <li>• University of Zilina, Department of Water Transport / Slovakia</li> </ul>   |                  |            |

# Project Data Sheet

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|  | <ul style="list-style-type: none"> <li>• University of Technology and Economics, Department of Aircrafts and Ships / Hungary</li> <li>• National Association of Radio Distress-signalling and Infocommunications / Hungary</li> <li>• University of Craiova, Department of Engineering and Management of Technological Systems / Romania</li> <li>• Romanian Naval Authority / Romania</li> <li>• Executive Agency Maritime Administration / Bulgaria</li> <li>• University of Rouse / Bulgaria</li> <li>• Inland Navigation Development Centre Ltd. / Croatia</li> <li>• Faculty of Transport and Traffic Sciences / Croatia</li> <li>• School of shipping, shipbuilding and hydrobuilding / Serbia</li> <li>• Municipality of SavskiVenac / Serbia</li> <li>• Odessa National Maritime Academy / Ukraine</li> </ul> |   |
| <b>Contact person:</b>   | <b>Name:</b>  | -   |
|  | <b>Organisation:</b>  | CERONAV – Romanian Maritime Training Centre   |
|  | <b>Address:</b>   | 69A Pescarilor Street, Constanta, Romania   |
|  | <b>Phone:</b>   | -   |
|  | <b>E-Mail:</b>  | <a href="mailto:office@ceronav.ro">office@ceronav.ro</a>  |
|  | <b>Website:</b>   | <a href="http://www.ceronav.ro">www.ceronav.ro</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>   | 1,535,688.36 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:  | 230,353.26 EUR (state and public contributions)   |
|  | <input checked="" type="checkbox"/> EU funds:   | 1,085,179.80 EUR<br>(European Regional Development Fund)<br>220,155.30 EUR<br>(Instrument for Pre-Accession Assistance) |
|  | <input type="checkbox"/> IFI loans:   | -   |
|  | <input type="checkbox"/> Private funds:   | -   |
|  | <input type="checkbox"/> Other:   | -   |

| PROJECT ENVIRONMENT  |  |
|--|--|
| <b>Project cross-reference:</b>  | <p>NELI – Cooperation-Network for logistics and nautical education focusing on Inland Waterway Transport in the Danube corridor supported by innovative solutions</p> <p>PLATINA – Platform for the Implementation of NAIADES</p> <p>EDINNA – Standards for Training and Certification in Inland Navigation</p> <p>Danube SKILLS - Increased institutional capacity of the Danube region by build-up of joint transnational capacities of education and public services for inland waterways</p>   |
| <b>Cross-reference ID(s):</b>  | PA1A009 (NELI) and PA1A124 (Danube SKILLS)   |
| <b>Strategic reference:</b>  | <ul style="list-style-type: none"> <li>• EU 2020 is demanding smart growth in the EU's performance in education, innovation and digital society. HINT addressed these policy objectives by offering training content for administrations and their commercial users and by making use of state-of-the-art technologies and services (i.e. eLearning, INeS Danube).</li> <li>• The EU's NAIADES Action Programme is demanding jobs and skills for the European inland navigation sector; this due to staff and entrepreneurial shortages, which are the main problems in this business sector. HINT addressed these policy objectives by investigating in current problems and preparing future concepts for practical training (onboard of inland vessels) and IT-based simulator training.</li> <li>• National strategies of Danube riparian states aimed at the development of inland waterway transport.</li> </ul>   |
| <b>Relevant legislation:</b>   | –  |
| <b>Other:</b>  | Outputs of projects: NELI, PLATINA   |
| EUSDR EMBEDDING  |  |
| <b>Relation to other Priority Areas of the Danube Region Strategy:</b> | <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 checked="" 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></p>                  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Increase the cargo transport on the river by 20% by 2020 compared to 2010.</li> <li><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.</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 checked="" 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></p>                  | <ul style="list-style-type: none"> <li><input type="checkbox"/> To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way.</li> <li><input 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> <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 checked="" 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></p> | <ul style="list-style-type: none"> <li><input 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 checked="" type="checkbox"/> Education and jobs</li> </ul>  |

| OTHER RELEVANT ISSUES        |   |
|------------------------------|---|
| <b>Project requirements:</b> | <p>A strong consortium with a large coverage in terms of geographic area and interests.</p> <p>Duration of the project – 24 months only – was a serious challenge considering the extent of activities and complexity of outputs planned.</p>   |
| <b>Follow-up project:</b>    | <p>Construction of a school vessel to train the students in the naval transportation field, as well as the Danube navigating crew, a vessel to provide the improvement of the promotion and specialization services in the naval field.</p> <p>Apart from these potential future actions the transnational harmonisation process of Danube navigating education based on European legal frameworks and standards should be supported as well, as public entities and private enterprises in the field of Danube logistics based on IWT should be equipped with better competencies and skills needed for managing their future day-to-day work in this industry sector.</p> |
| <b>Any other issues:</b>     | –   |