PLATINA - Platform for the Implementation of NAIADES

Joint Statement Meeting
Vienna, 6 April 2011

Simon Hartl
Main objective of PLATINA

- Establish a **professional network** bringing together all relevant actors concerned to assist in the implementation of the NAIADES Action Programme for Inland Waterway Transport in Europe
  
  - Provision of technical expertise and support
  - Provision of organisational, infrastructural and financial support
  - Platform deals with areas that require non-legislative, coordinative actions at the European level

- PLATINA – **Plat**form for the **Im**plementation of **NA**IADES
PLATINA in a nutshell

- PLATINA is a project within the 7th Framework Programme for Research, Technology Development and Demonstration
- PLATINA is aimed at coordinating and supporting research activities and policies
- PLATINA runs from June 2008 to May 2012
- Consortium consists of 23 partners from 9 different countries
- PLATINA is organised around the five NAIADES action areas (Markets, Fleet, Jobs&Skills, Image, Infrastructure)
- PLATINA is strategically guided by key industrial stakeholders, associations and Member States administrations
# Work Package Leaders

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<td>via donau – Österreichische Wasserstraßen-Gesellschaft mbH</td>
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<td>WP2 Fleet</td>
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<td>WP3 Jobs &amp; Skills</td>
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<td>WP5 Infrastructure</td>
<td>Dienst Verkeer en Scheepvaart (Rijkswaterstaat)</td>
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WP1 Markets – Information Portals

www.naiades.info

www.naiades.info/funding
WP1 Markets – Good Practices

European Good Practices Report for Inland Waterway Transport

Title: Danube on tour – the floating exhibition

<table>
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<th>Theme</th>
<th>Image</th>
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<td>Description</td>
<td>In 2007 via donau – Österreichische Wasserstraßen- und Schifffahrts-Gesellschaft mbH established the floating exhibition – danube on tour. The exhibition is located on an inland vessel called &quot;MG Negrelli&quot;. The MG Negrelli was formerly used to transport stones for the maintenance of the waterway. After rebuilding it in 2005 an exhibition was installed in 2007. Since 2007 the Negrelli has delivered information to the residents of communities along the Danube. Ranging from the latest technical developments in the field of inland navigation and environmentally friendly river engineering projects to the fauna and flora of the Danube riverbank, the exhibition displays information on various aspects of the Danube waterway and its surroundings. Different multimedia-based areas show the large diversity of the Danube. The MG Negrelli is also used as a venue for specific events like the project meetings, presentations and discussions on inland waterway relevant topics.</td>
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Geographic area: Austria

Objective & targets: The main target of this exhibition is to make young and old more aware of the
Why a European Good Practices Database for IWT?

- Overview on innovative ideas and successful projects across Europe
- Easily accessible data sheets and a search function allowing for targeted requests
- Contact persons for more detailed enquiries
- Raises the visibility of the sector and the opportunities it offers!
WP2 Fleet – Innovation Database

www.naiades.info/innovations

Combined transport: 45 feet curtain sided container

Keywords: container, intermodal container, discharging facility, curtain sides, loading capacity, euro pallets, performance, competitiveness, time saving, stackable

These containers are intermodal containers made from trailer-truck tautliner that can be used by different transport modes. External dimensions = 45’ x 8.4’ x 8.6’ - 13.716m x 2.56m x 2.60m. The major innovation is that they can fit 33 Euro pallets compared to usual 40 feet containers that can only fit 24 pallets inside. Moreover, the containers can be equipped with curtain sides which enable easier loading and unloading from the side. These containers can be easily loaded by the rear doors as well as the receiver’s query above it. They give flexibility at each chain end by multi-modal enhancements: they can be taken with 40 spaders as 45’ or by a piggy back system clamps like regular sea containers. Lastly, these containers, even loaded, can be stacked in 5 layers.

Objective & target: The main objective of these containers is to speed up the transfer during modal shift operations. It is a trailer-truck tautliner that have the resistance of a regular container allowing them to be stacked inside vessels. They can be used in any transport operation involving road, train, and inland waterway transport.

Key success factors:
- These containers have the size of trailer-truck. So they can contain 33 pallets instead of 24 for regular containers.
- The curtain side allows a easier, faster and safer loading and unloading operations. They can also be loaded by the rear doors.
- During modal shift, no time is lost as only one container is used. They are suitable for all the transport modes: river, truck, rail.
- These containers allow regular and balanced traffic.
- These containers can be used in regular routes/tariffs fitted for container traffic but, using other container types should not be encouraged (although it is possible) due to difficulty to manage loading plans with different container sizes.
WP2 Fleet – Strategic Research Agenda

- Identifies global and sector specific challenges (e.g. climate change, scarcity of fossil fuels, etc)
- Identification of the most important research priorities for innovation policy in the field of inland waterway transport
- Input for the European Strategic Transport Technology Plan (STTP)
5.1 RESEARCH TOPICS AIMING TO STRENGTHEN COMPETITIVENESS

- Refitting of vessels of the existing fleet
- Adaptation to climate change
- Innovative vessel design
- Ship building technology
- Structural strength of the hull
- Handling, maintenance and repair
5.2 RESEARCH TOPICS AIMING TO ENSURE ENVIRONMENTAL SUSTAINABILITY

- Improving existing engine technologies to reduce emissions
- New technologies for power supply on board
- Energy efficient navigation
- Hydrodynamics
- Equipment on board
- Advanced safety standards
5.3 RESEARCH TOPICS AIMING TO MATCH GROWTH AND CHANGING TRADE PATTERNS

- Innovative intermodal transport solutions
- Innovative and flexible logistics approaches
- Advanced River Information Services (RIS)
- Support of education and training
- Advanced security standards
- Development of new markets
WP3 Jobs & Skills – European Standards for Education & Training

- Concept for **Standards of Training and Certification** for Personnel in Inland Navigation (STCIN)
- Coordination: EDINNA (Educational network of inland waterway navigation schools and training institutes)
- Bottom-up Approach > Schools and IWT sector develop STCIN together
- Goal: European Directive on mandatory training and certification standards
// Barge to Business November 30 and December 1 2010, Brussels

Barge to Business is an exciting European event about logistics and supply chain management, focused on inland waterway transport. The two day event offers something for all participants:

- Keynote speeches from European politicians
- Pre-arrange business to business meetings and opportunities
- Networking opportunities
- Information on adding inland waterways to your logistics mix
- Market players discussing innovation and greening
- Practical information from shippers

Click here to find out more about inland navigation and how it can work for you and to register as an exhibitor or visitor.

Click here to register to attend the information market and evening networking event and find out more about greening and innovation in inland waterway transport.
PLATINA is also working on

- European Hull Database (RIS)
- Tool box for national recruitment campaigns
- Start-up box with communication tools
- …
PLATINA consortium