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platform for the implementation of NAIADES

European Hull Database

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Agenda

Overview of PLATINA

Overview of European Hull Database



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PLATINA ...

- is a project within the 7th Framework Programme for Research, Technology Development and Demonstration
- is aimed at coordinating and supporting research activities and policies
- runs from 06/2008 to 05/2012
- consists of 23 partners from 9 different countries
- is organised around the five NAIADES action areas
- is strategically guided by key industrial stakeholders, associations and Member States administrations



Work package leaders

Work Package	WP Leader
WP1 Markets	via donau (Austria)
WP2 Fleet	Voies navigables de France (France)
WP3 Jobs & Skills	Bundesverband der Deutschen Binnenschiffahrt (Germany)
WP4 Image	Promotie Binnenvaart Vlaanderen (Belgium)
WP5 Infrastructure	Dienst Verkeer and Scheepvaart (Netherlands)
WP6 Technical Secretariat	via donau (Austria)



Selected achievements (1/5)







Selected achievements (2/5)





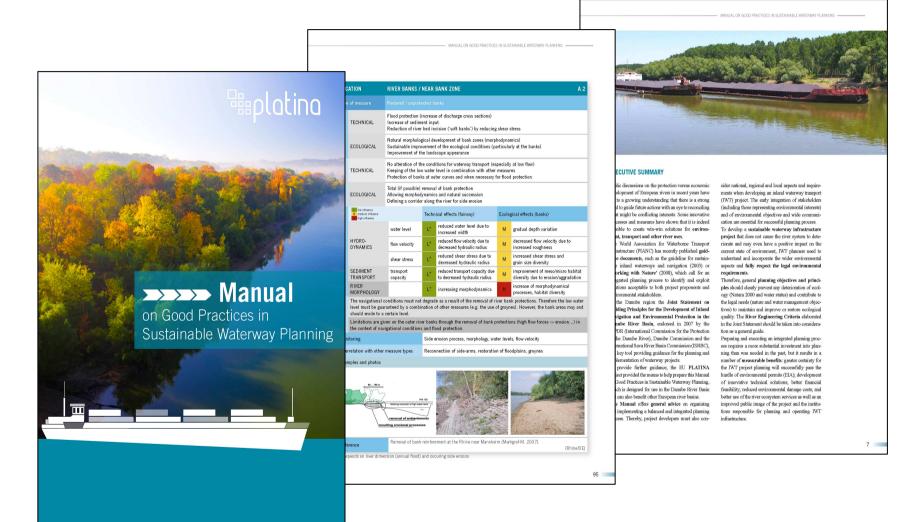
Selected achievements (3/5)

- 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





Selected achievements (4/5)





Selected achievements (5/5)



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Selected next steps

- Online Good Practice Portal
- Monitoring Report on Administrative Barriers
- IWT Strategic Research Agenda
- Tool box for national recruitment campaigns
- Start-up box with basic communication tools
- Inventory on available knowledge on strategic inland waterway projects



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Main Objectives of European Hull Database

- Implement and operate pilot service to facilitate hull data exchange as indicated by Directive 2006/87/EC, RheinSchuO and Commission Regulation for Electronic Reporting
- Prepare scenarios for full scale operation (2012 onwards)



Data to be processed (1/2)

A. All crafts (according to 2008/87/EC and RheinSchUO)

- 1. Unique European Vessel Identification Number
- 2. Name of the craft/vessel
- 3. Type of craft
- 4. Length over all
- 5. Breadth over all
- 6. Draught
- 7. Source of data (= Community Certificate)
- 8. Deadweight for cargo vessels
- 9. Displacement for vessels other than cargo vessels
- 10.Operator
- 11.Issuing Authority
- 12. Number of Community Inland Navigation Certificate
- 13. Expiration date
- 14.Creator of dataset



Data to be processed (2/2)

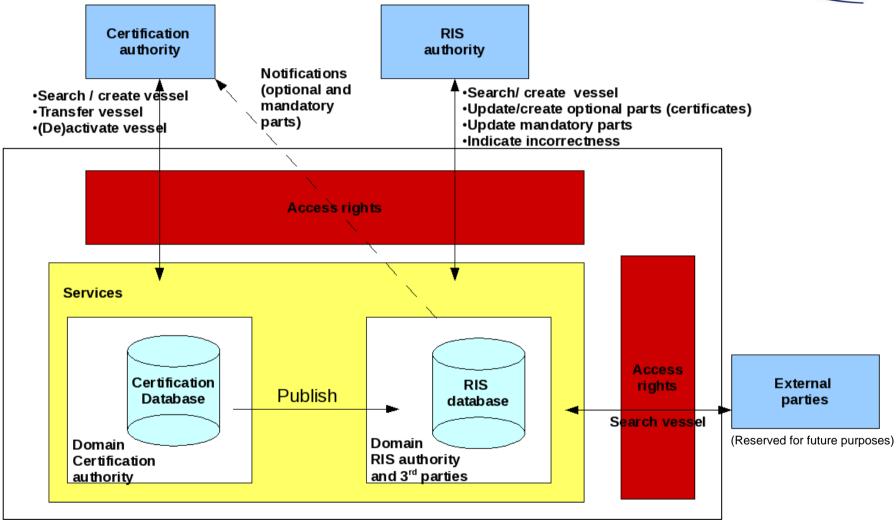
B. Where available (according to 2008/87/EC and RheinSchUO)

- National number
- 2. Type of craft in accordance with the Technical Specification for Electronic Ship Reporting in inland navigation
- 3. Single or double hull in accordance with ADN/ADNR
- 4. Height as defined in Article 1.01 No 75
- 5. Gross tonnage (for maritime vessels)
- 6. IMO number (for maritime vessels)
- 7. Call sign (for maritime vessels)
- 8. MMSI number
- 9. ATIS code
- 10. Type, number, issuing authority and expiration date of other certificates'



Schematic overview







Two ENIs for one craft?



Information to JWG (10) 5 from 25.1.2010 Meanwhile solved thanks to effective cooperation of authorities



System Implementation (1/2)

Implementation and operation of the European Hull Database:

- Phase 1: Requirements Specification
- Phase 2: Implementation of a functional prototype
- Phase 3: Implementation of complete pilot system and execution of the Factory Acceptance Tests
- Phase 4: Functional Tests
- Phase 5: Interconnection of the European Hull Database pilot system with vessel certification authorities and RIS Providers
- Phase 6: Execution of the stability tests of the pilot system (finalized in April 2010)
- Phase 7: Pilot operation ("Proof of concept") of the system (starting as of 2nd quarter of 2010 for 2 years), in which the contractor hosts the database, provides 1st and 2nd level (telephone) support during office hours and software maintenance
- Phase 8: Full-scale implementation of the system (after PLATINA)



Ensuring Data Protection

- Step 1: Exchange of letters for data exchange of authorities issuing ENIs (9 countries until June 2010)
- Step 2: Conclusion of a service agreement for full scale data exchange (including use for RIS services and enforcement)
 - 1. Austria
 - 2. Belgium
 - 3. Bulgaria
 - 4. Czech Republic
 - 5. France
 - 6. the Netherlands
 - 7. Poland
 - 8. Romania
 - 9. Slovakia



Current Status and next steps

- Data of 8714 vessels available in EHDB.
- Preparations for the completion of the fleet's data of NL/BE/FR/PL/CZ/AT/SK/BG/RO (direct upload).
- Determination of a strategy for the uploading of the non-involved country's data.
- Steering Committee for European Hull Database continues its work.
- Definition of Quality of Information Service
- Conclusion of service agreement for hull data exchange in March/April 2011.

