IRIS Europe II – Implementation of River Information Services in Europe

The European Union's TEN-T programme supporting ...

This project is co-funded by the European Commission / DG-TREN / TEN-T

A project implemented by the IRIS Europe Consortium
Experiences and developments resulting from the project IRIS Europe II

Róbert Rafael on behalf of the PMT
CCNR RIS Workshop
18.10.2011, Brussels
Agenda

- **Introduction** – facts and figures
- **Developments** – key results
- **Summary & Outlook**
Introduction to the project
Objectives – IRIS Europe II

Motivation:
• **Support** RIS providers, traffic and waterway authorities in **enhancing** their **RIS Services**, including the provision of interfaces especially for **logistical RIS Users**.

Duration: 01/2009 – 12/2011

Objectives:
• Common definition and adaptation of RIS standards within RIS Expert groups, based on pilot implementation experience
• Evaluation of new RIS technologies
• Demonstration and evaluation of additional RIS services
• Further elaboration and implementation of measures for cross-border exchange of RIS data
• Definition of requirements for operation of RIS in order to guarantee **Quality of Information Services** to all RIS users
Thematic Areas / Activities

**Activity 1:** Pilot implementation of selected Fairway Information Services

**Activity 2:** Pilot implementation Traffic and Transport Related RIS Services

**Activity 3:** Pilot Implementation of Technical and Administrative Agreement

**Activity 4:** Harmonization of Quality of Information Services for RIS

**Activity 5:** Project Management
Development – key results

Colouring of contours
Development – key results

Fairway Information Services

• Notices to Skippers
Development – key results

Fairway Information Services

• Wireless RIS services
Development – key results

Fairway Information Services

- National reference data management systems
Development – key results

Traffic and Transport Related RIS Services

- Evaluation of heading devices
- Pilot infrastructures on-shore
- Pilot infrastructure on-board
Development – key results

Traffic and Transport Related RIS Services

- Calamity Abatement Support
Development – key results

Traffic and Transport Related RIS Services

• Traffic information
Development – key results

Traffic and Transport Related RIS Services

- Electronic reporting (according to 164/2010/EU regulation)
- Single Sign On
Pilot implementation of RIS data exchange

- Advanced services for international data exchange
- Advanced services resulting for maritime navigation, in particular seaports
- Legal provisions for international RIS data exchange
- Functional and technical provisions for the international RIS data exchange
Development – key results

Pilot implementation of RIS data exchange
• Interconnection with European Services
## Agreements in force/under preparation

<table>
<thead>
<tr>
<th></th>
<th>„SAP-Solution“</th>
<th>Letter exchange for EHDB</th>
<th>Service Agreement for EHDB</th>
<th>Service Agreement for Traffic Mgmt.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data</strong></td>
<td>ERI, VTT, Hull data</td>
<td>Hull data</td>
<td>Hull data</td>
<td>VTT in border areas, ERI</td>
</tr>
<tr>
<td><strong>Users</strong></td>
<td>RIS Authorities and logistics</td>
<td>Certification and RIS authorities**</td>
<td>Certification and RIS authorities</td>
<td>RIS Authorities</td>
</tr>
<tr>
<td><strong>Status</strong></td>
<td>in force until 31.12.2011</td>
<td>in force for 2 countries</td>
<td>in force for 7 countries</td>
<td>under finalization</td>
</tr>
<tr>
<td><strong>Valid after 1.1.2012</strong></td>
<td>No</td>
<td>No</td>
<td>Yes*</td>
<td>Yes</td>
</tr>
</tbody>
</table>

→ **To do:** data exchange with logistics after 1.1.2012

*prolongation required for time after 1.6.2012
** only for ENI assignment
Development – key results

Quality of Information Services for RIS

- QoIS for Electronic Reporting
- QoIS for Notices to Skippers
- QoIS for RIS Index
- QoIS for Vessel Tracking and Tracing
Summary & Outlook (1/2)

• The joint initiative to harmonize and develop RIS services has led to a success
• The network of RIS experts is stable (RIS Expert Groups)
• IRIS Europe II is / was a project of national priorities managed on international level
• Tangible results are on the table of RIS stakeholders (governmental & private users)
• Co-ordinated further work is of utmost importance
Summary & Outlook (2/2)

• IRIS Europe 3 proposal
  • Ensuring interoperability of RIS systems
  • Co-ordinated approach towards international data exchange
  • Interconnections with the European Services

• Cooperation with the non IRIS Europe 3 beneficiaries is established through cooperation agreements

• The cooperation agreements also ensure a consolidation and cooperation with parallel TEN-T initiatives (e.g. Vessel Traffic Management Centres of the Future)
It’s all about River Information Services…
RISING and IRIS EUROPE II, two European projects will be presenting their results during a joint final event. Join our RIS trip and experience what RIS can mean for you.

FINAL EVENT

1 December 2011 | Duisburg | 09.00 – 18.00
A unique event at a unique location

save the date
Róbert Rafael on behalf of the PMT

RSOE

robert.rafael@rsoe.hu

Tel.: +36 20 330 3110

H-1089 Budapest, Elnök utca 1.