The European Union's TEN-T programme supporting …

IRIS Europe II – Implementation of River Information Services in Europe
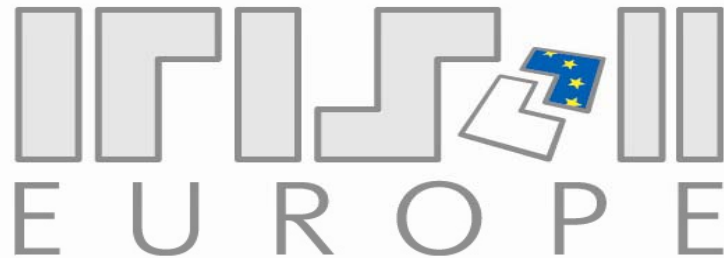
This project is co-funded by the European Commission / DG-MOVE / TEN-T

A project implemented by the IRIS Europe Consortium

Strategic monitoring of the transport and lock planning

Experiences and developments resulting from the project IRIS Europe II

Mario Sattler on behalf of the PMT
RISING – IRIS Europe II Final Event
01.12.2011, Duisburg

- *Introduction*
- *Developments – key results*
- *Summary & Outlook*

Introduction

- Scope and motivation of IRIS Europe II:
  - Support RIS providers, traffic and waterway authorities in enhancing their RIS Services, including the provision of interfaces especially for logistical RIS Users.
  - Pilot implementation of services according to the 2005/44/EC Directive (e.g. Support for traffic and transport management)

- Results relevant for Demonstration case: „Strategic Monitoring of the transport and lock management":
  - *Traffic and Transport Related RIS Services*
  - *International RIS Data Exchange including Service Agreements*

Traffic and Transport Related RIS Services

- Inland AIS and Inland ECDIS equipment programmes in Slovakia, Hungary, Romania
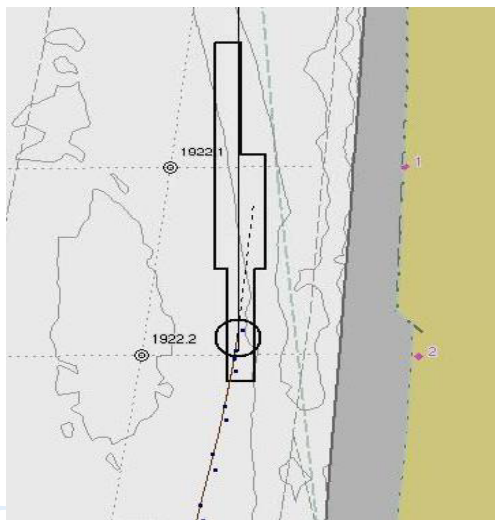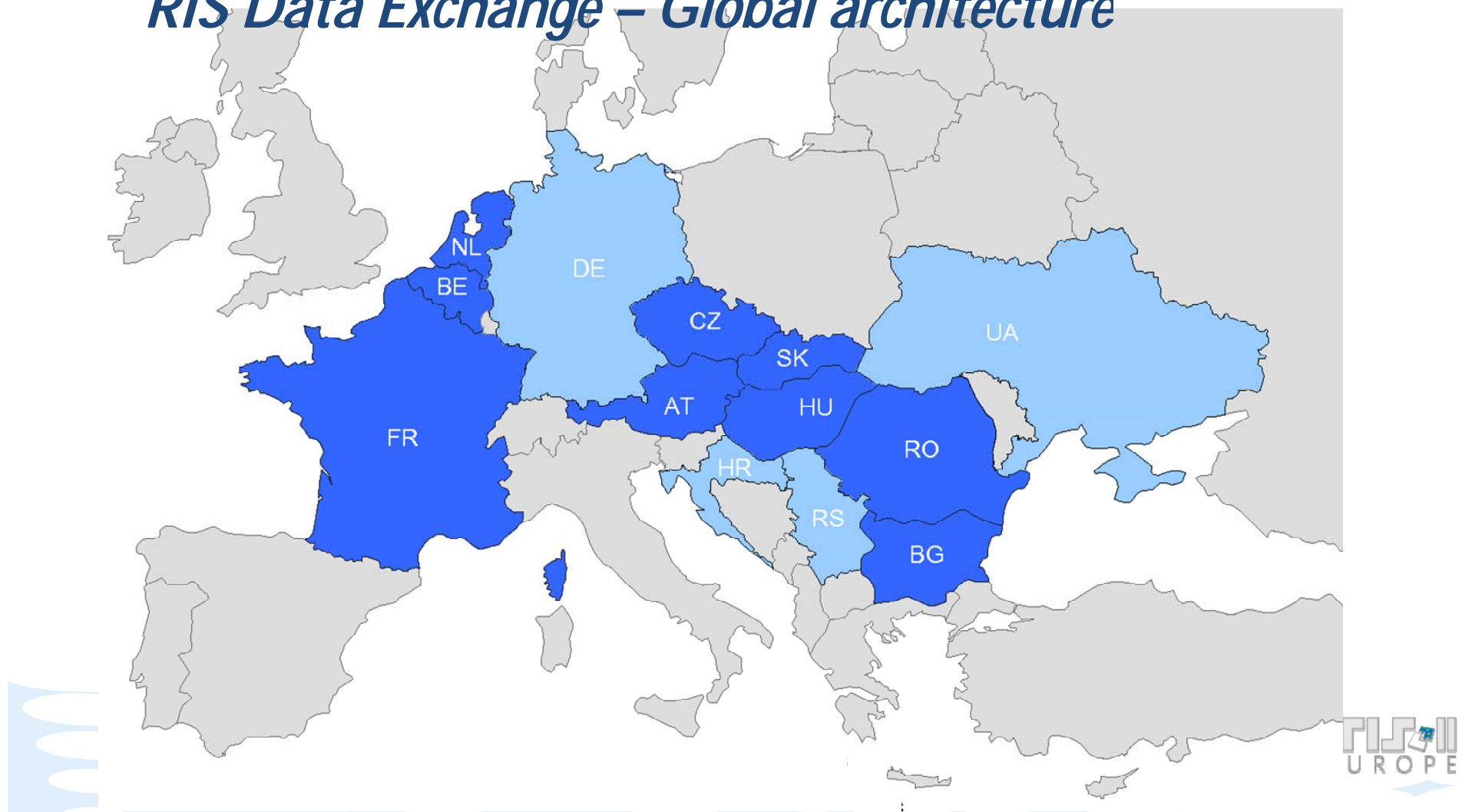
Traffic and Transport Related RIS Services

- Test and evaluation of additional traffic information via Inland AIS messages (convoy information, calamity information, signal status)
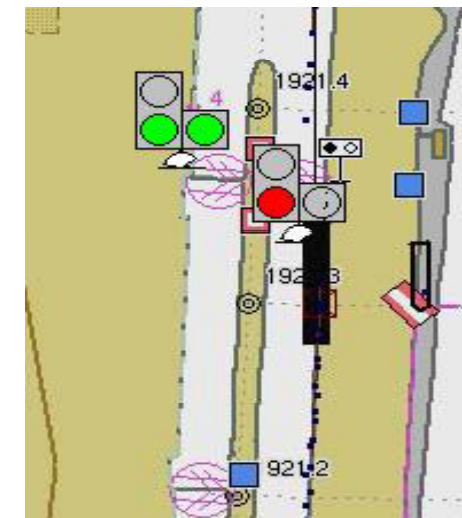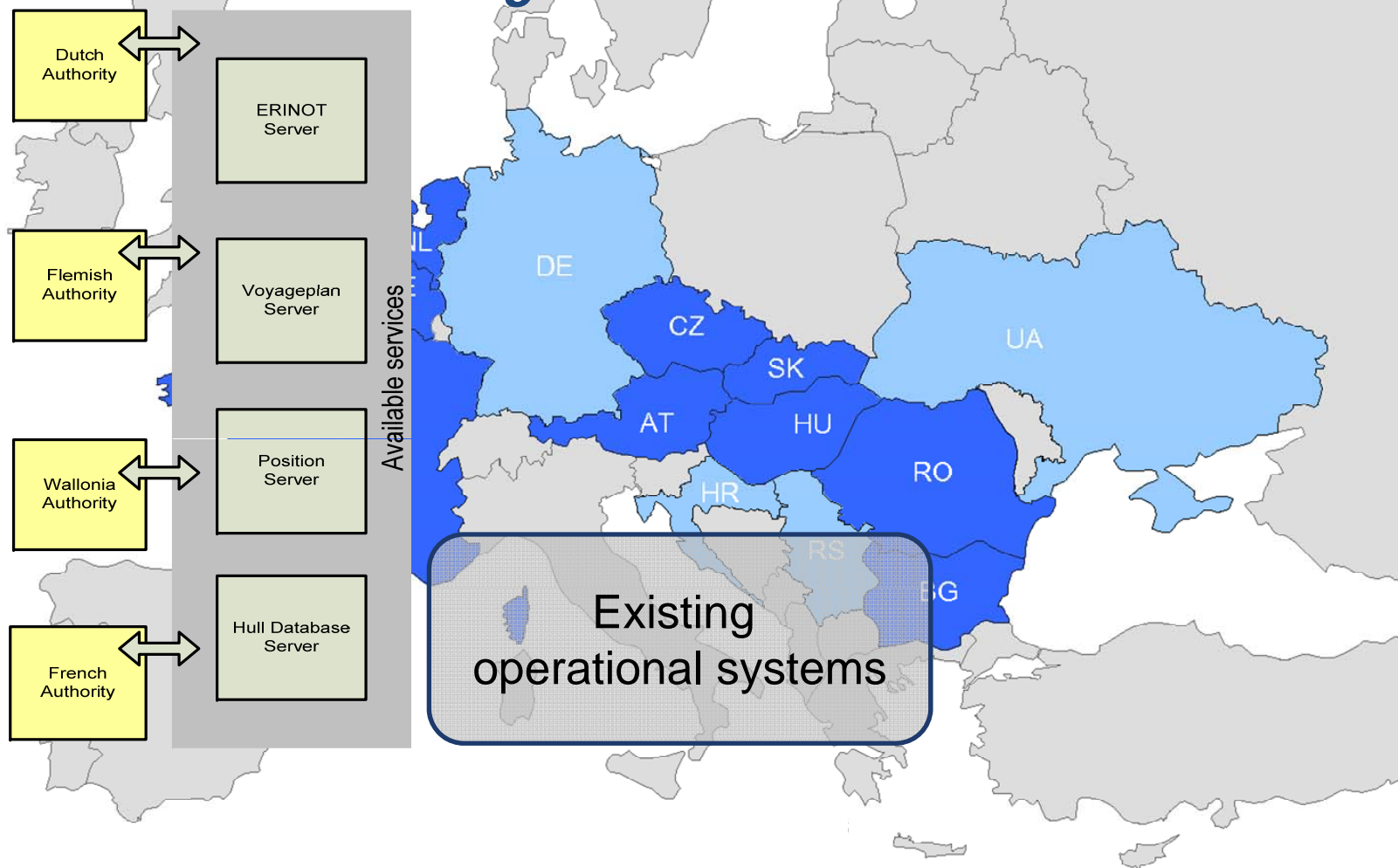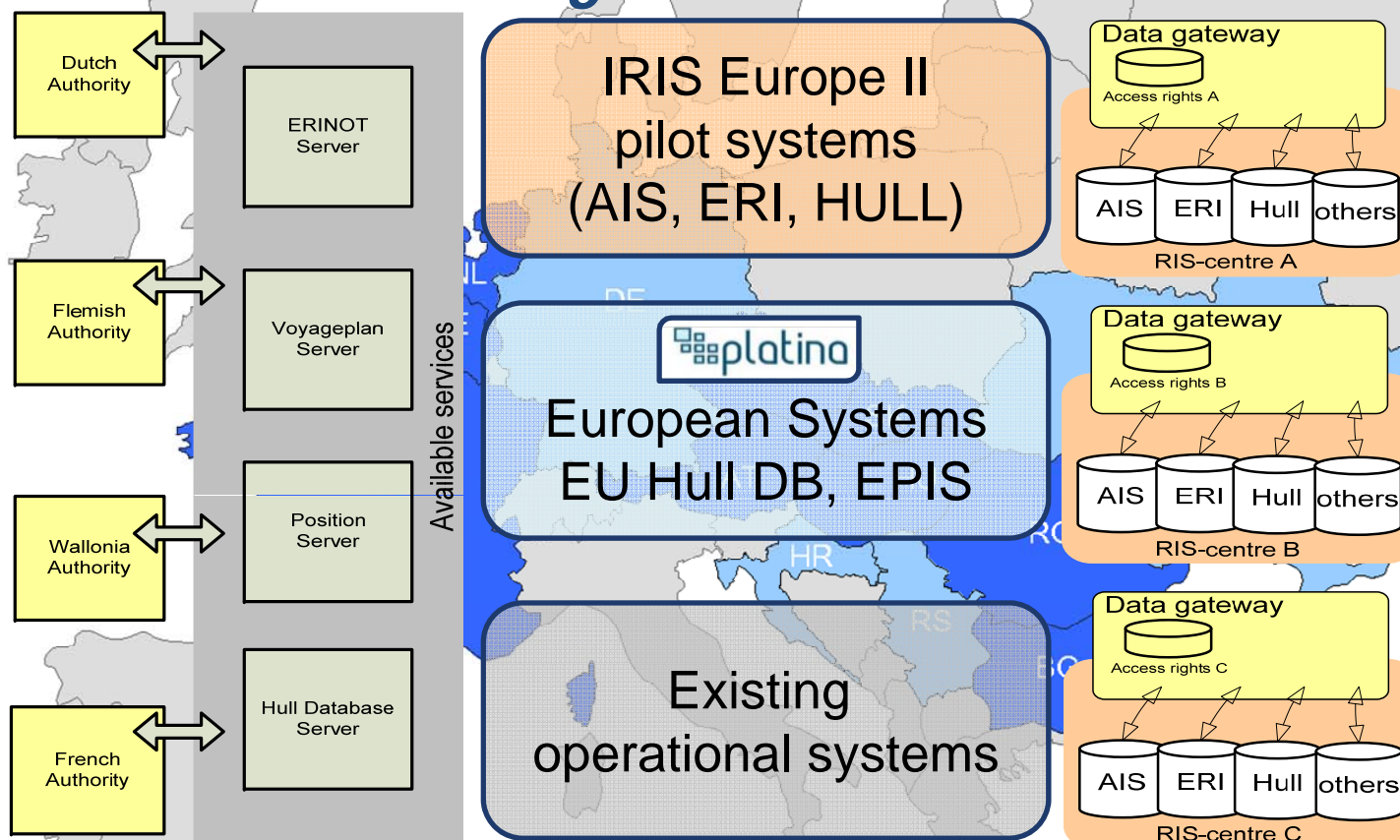
RIS Data Exchange – Global architecture
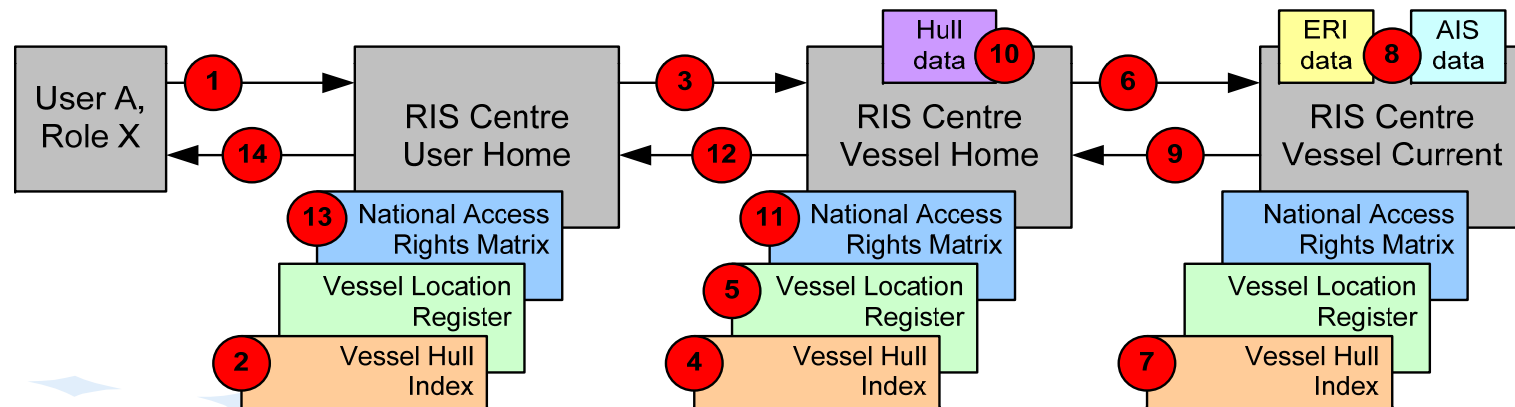
RIS Data Exchange – Global architecture

Dutch Authority

Flemish Authority

Wallonia Authority

French Authority

ERINOT Server

Voyageplan Server

Position Server

Hull Database Server

Available services

Existing operational systems

RIS Data Exchange – Global architecture

International RIS Data Exchange (pilot)

- Advanced services for international data exchange for governmental and logistics stakeholders (close cooperation with RISING)

- Legal provisions for international RIS data exchange

- Maintenance and further development of functional and technical specifications

International RIS Data Exchange (pilot): examples

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International RIS Data Exchange (pilot): examples

International RIS Data Exchange (pilot)

- Interconnection with European Services (close cooperation with PLATINA)

European Hull Database – EHDB

European Reference Data Management Service – ERDMS

European Position Information Service – EPIS

International RIS Data Exchange (legal basis)

Status of legal agreements for data exchange

	„SAP-Solution"	Letter exchange for EHDB	Service Agreement for EHDB	Service Agreement for Traffic Mgmt.
Data	ERI, VTT, Hull data	Hull data	Hull data	VTT in border areas, ERI
Users	RIS Authorities and logistics	Certification and RIS authorities**	Certification and RIS authorities	RIS Authorities
Status	in force until 31.12.2011	in force for 1 country	in force for 8 countries	under finalisation
Valid after 1.1.2012	No	No	Yes*	Yes

→ **To Do**: data exchange with logistics stakeholders after 1.1.2012

*prolongation required for time after 1.6.2012
** only for ENI assignment

RISing
EUROPE

Summary & Outlook

- **Traffic and Transport Related RIS Services**

    → Basic infrastructure has been established in IRIS Europe II

    → Support strategic monitoring of the transport

- **International RIS data exchange**

    → pilot implementations in IRIS Europe II are technically and legally sound

    → Many Fairway / RIS Authorities and RIS Providers are willing to share available data with authorised logistical users

- *IRIS Europe II pilot implemented value added services based on the key RIS technologies*

FINAL EVENT

Mario Sattler

(on behalf of the IRIS Europe II Project Management Team)

via donau – Österreichische Wasserstraßen-Gesellschaft mbH

A-1220 Wien, Donau-City-Straße 1
Tel +43 50 4321 1613, Fax +43 50 4321 1050
mario.sattler@via-donau.org

www.via-donau.org
www.iris-europe.net