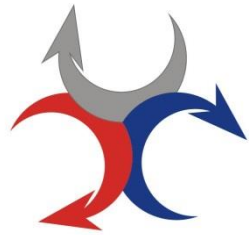



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DOPRAVNÝ ÚRAD
TRANSPORT AUTHORITY

Andreas Scherb (viadonau) 

Stefan Chalupka (Transport Authority) 

Lille, 25th November 2015

The background image shows a large industrial ship, possibly a tugboat or barge, moving along a wide river. The ship's deck is visible in the foreground, featuring various mechanical components, pipes, and safety railings in yellow and red. In the background, a long bridge spans the river, with a city skyline visible on the far bank under a clear sky. The text 'Implementation of Electronic Reporting in Austria and Slovakia' is overlaid in a large, white, serif font with a subtle drop shadow.

Implementation of Electronic Reporting in Austria and Slovakia

Experience from the
upper Danube
region

Index

a. Electronic Reporting AT/SK

- i. Introduction
- ii. Involved users

b. Legal Framework AT/SK

- i. Data exchange

c. ERI Operation AT/SK

- i. Evaluation
- ii. Operational experience
- iii. Findings
- iv. Recommendation

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Introduction

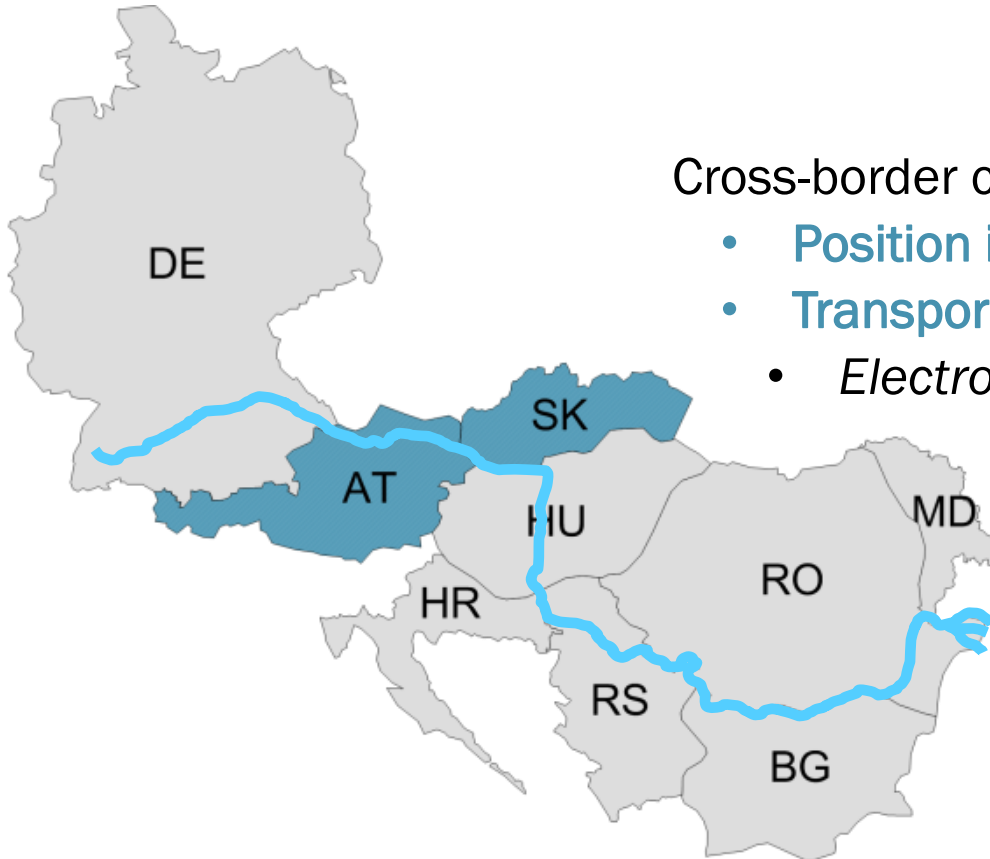
Electronic Reporting



Current situation

Cross-border communication

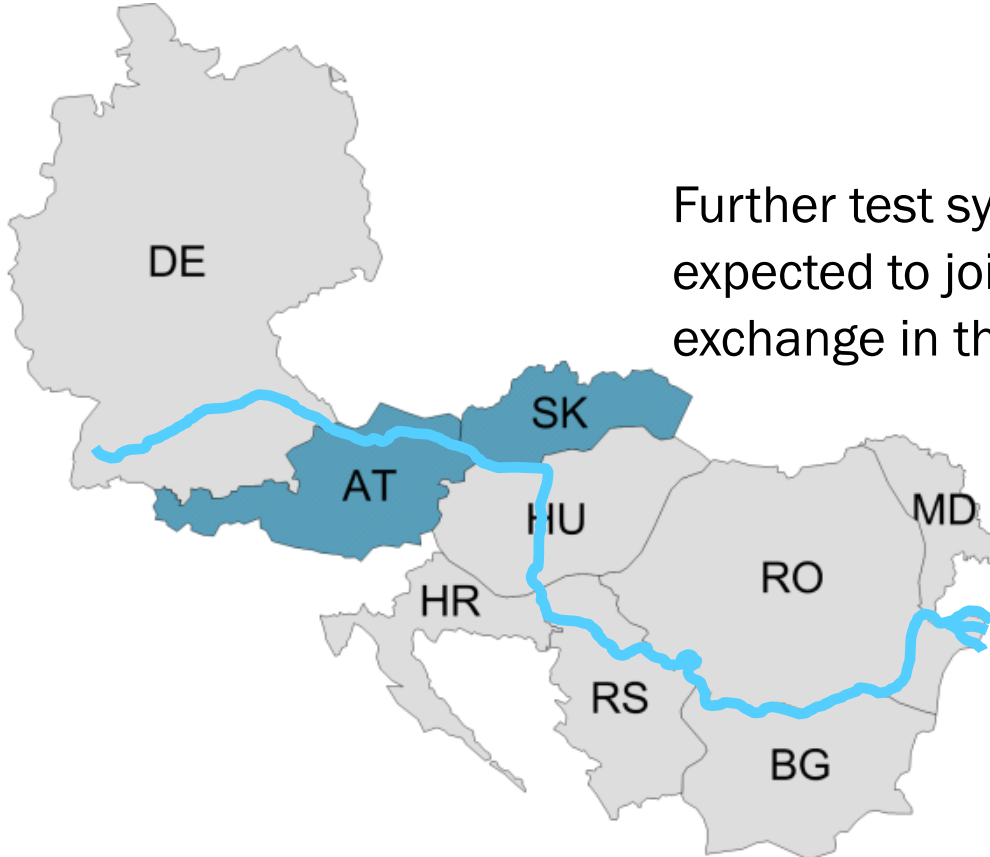
- **Position information** [AT-SK-HU]
- **Transport information** [AT-SK]
- *Electronic reporting*





Current situation

Further test systems in RO-HR-RS-BG
expected to join the operational RIS data
exchange in the future





Involved users

- **Fleet operators** – *Currently just tanker companies*
- **Supreme Navigation Authority** – *Competent authority for traffic management and safety of navigation*
- **Lock Authority** – *Lock operator (9 locks: Freudenau, Greifenstein, Altenwörth, Melk, Persenbeug, Wallsee, Abwinden, Ottensheim, Aschach)*
- **Fire and Rescue Brigade** – *Rescue and emergency service provider (access to ERINOT only in case of an accident)*



Involved users

- **Transport Authority** – *Competent authority for traffic management and safety of navigation*
- **Public Ports** – *Port operator / port authority in Bratislava, Komárno and Štúrovo)*
- **Lock of Gabčíkovo** – *Lock operator*
- **Fire and Rescue Brigade** – *Rescue and emergency service provider (access to ERINOT only in case of an accident)*

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Data exchange

Legal Framework



Austria

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Legal status of electronic reporting

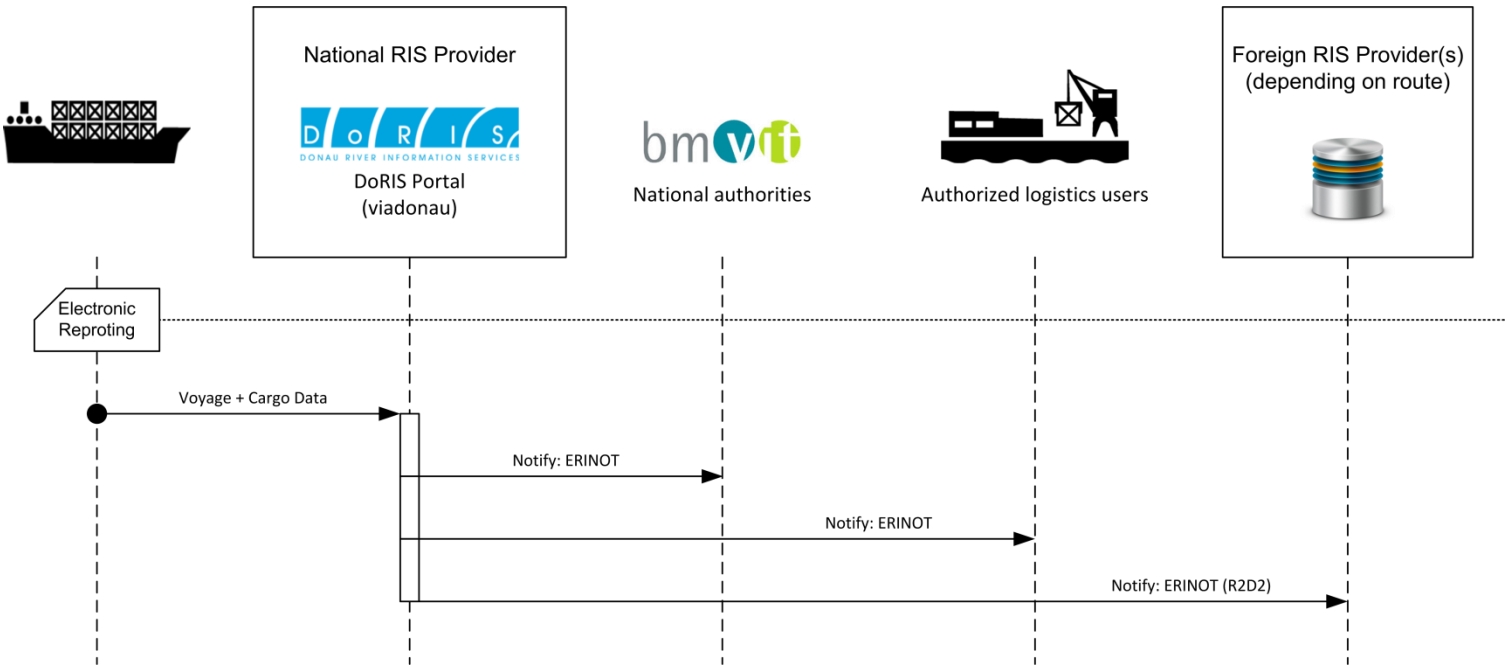
In accordance with the **Austrian waterway police regulation §8.02** vessels sailing on the Austrian Danube section have to report before entering the jurisdictional area...

...when carrying **dangerous goods** based on the provision of **ADN**

Austrian law only foresees a **possibility to report electronically** conforming EC 164/2010 but **NOT** an obligation.



Legal status of electronic reporting



Legal framework: Service agreement for traffic management (for notification of ERINOT to authorities of next country along the route)



Legal status of electronic reporting

In accordance with the **Inland Navigation Act**

- vessels have to report before entering or leaving the area of public ports
- Transport Authority forwards the electronic reports to the neighbouring countries (depending on route)

In accordance with the **Notice to Skippers No. 33/2009**
vessels have to report before passing through the Lock of Gabčíkovo

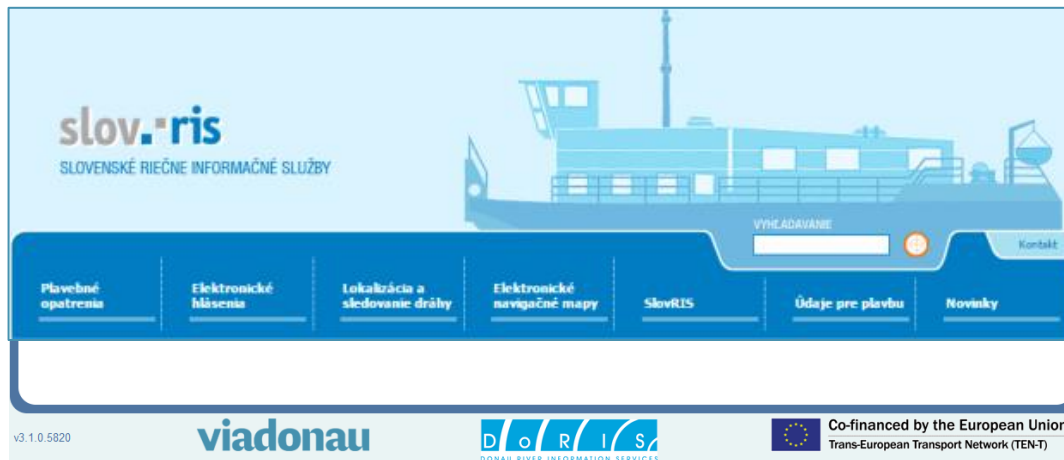
Electronic reporting conforming EC 164/2010 is **possible**
but NOT obligatory

RIS data exchange

Data exchange platform

- Implemented according to **R2D2 specification**
- **ERINOT_v1p2g.xsd** and **ERIRSP_v1p2c.xsd** supported
- **Web GUI** for users

DORIS Portal



Data exchange platform

All-in-one solution, facilitating basic functionality for the national and international RIS data exchange.

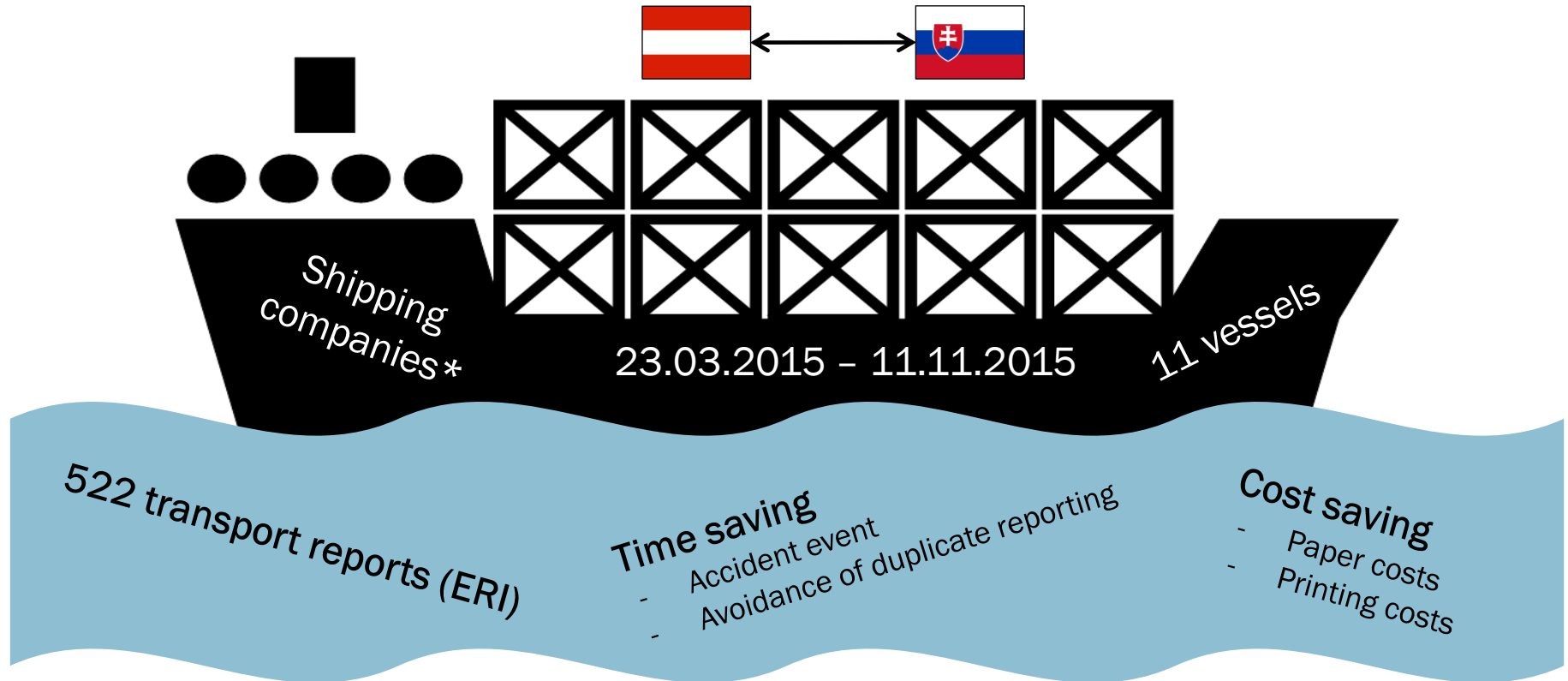
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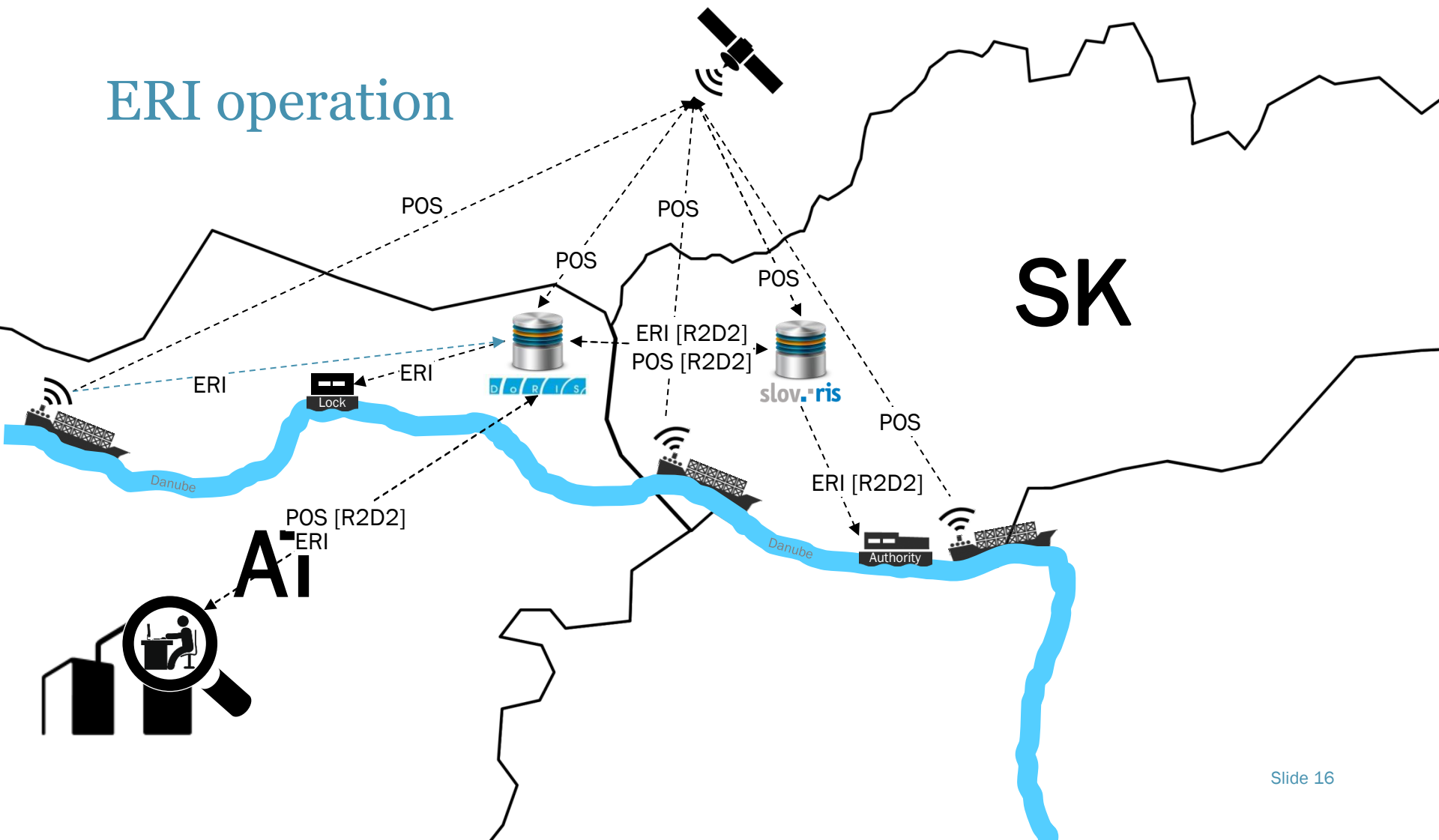
Lessons learned

ERI Operation

ERI data exchange 2015



ERI operation



Findings

- **RIS data exchange** as defined in R2D2 proved to be working
- **ERI** is **valuable** and important for competent authority, lock operators, etc.
- **Transport reports** will be reported on shore by **back office**
- **Adaptation** of **web application** was important to improve usability and motivate users
- **Quality of information (services)** is important to achieve wider acceptance of **ERI** amongs involved stakeholders
- **Statistical Offices** are interested in cooperation

Recommendation

- **Location tables** – Missing locations in reference data list (ERDMS – Update required), merge ERI location tables with RIS Indexes
- **Reporting formalities** – Need to define and harmonize reporting procedures/rules
 - e.g. How to report future planned voyages?
- **ERI standard** – Future amendments of ERINOT specification (e.g. make ETD mandatory)
- **Guideline for interconnection tests** – Requirements for connecting new RIS Centres to other RIS systems exchanging data at the moment

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Next steps >>>

Outlook

Next steps >>>



Austria

- Gain new customers
- Enhance services for logistics and authorities
- Enlargement of data exchange (ERINOT) throughout the Danube corridor!



Slovakia

- Deploy new, enhanced SlovRIS application: end of 2015
- Involve Slovak fleet operators/skippers: 2016
- Data exchange with Hungary

Thank you for your attention!

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