



***Common Issues Meeting
5 June 2019 - GALATI***

EU policy developments related to RIVER INFORMATION SERVICES and DIGITALISATION



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Content

- The policy context - NAIADES II and DINA
- The legislation – RIS / Vessels / Crew / Freight
- The standardisation – CESNI and the RIS Expert Groups
- The supporting tools – EHDB / ERDMS / EQDB / IWT Tools
- The money – CEF and H2020
- The people

Action programme for the promotion of inland waterway transport – NAIADES II

NAIADES II (2014-2020) focuses on six key areas of intervention:

1. Quality infrastructure
2. Quality through innovation
3. Smooth functioning of the market
4. Environmental quality through low emissions
5. Skilled workforce and quality jobs
6. Integration of inland navigation into the multimodal logistics chain



} includes
digitalisation
activities



NAIADES II & DINA

- NAIADES II 2014-2020
 - mid-term progress report¹ on the implementation – published 09/2018
 - EU Parliament/EU Council: request to launch a follow up program from 2021 (Naiades III)
 - digital initiatives are likely to be integrated into the overall Naiades III to promote inland waterway transport
- DINA Study – Digital Inland Waterway Area (2017)
- Staff Working Document on digital inland navigation² – published 09/2018

¹ <https://ec.europa.eu/transport/sites/transport/files/legislation/swd20180428-naiades2.pdf>

² <https://ec.europa.eu/transport/sites/transport/files/legislation/swd20180427-digital-inland-navigation.pdf>

Revision of the RIS framework

- Revision of the technical specifications for RIS:
 - Inland ECDIS regulation (EU) 2018/1973: published 19/12/2018
 - NtS regulation (EU) 2018/2032: published 28/12/2018
 - VTT regulation (EU) 2019/838: published 24/05/2019
 - ERI regulation (EU) 2019/____:
 - Public consultation, IWT Committee voting: closed
 - Next steps: translation, adoption and publication (autumn 2019)
- Evaluation of the RIS Directive 2005/44/EC → **details today** ←
 - 2018: Fact finding study (implementation related)
 - 2019: Evaluation following better regulation principles

¹ Committee according to Art. 7 of Council Dir 91/672/EEC

CESNI – Standardisation in the field of inland navigation

- CESNI = European Committee for drawing up standards in the field of inland navigation, comprising 3 working groups on
 - CESNI/PT (technical requirements)
 - CESNI/QP (professional qualifications)
 - CESNI/TI (information technology) (from 01/01/2019)
- Preparation of gradual transition of RIS Expert Groups into CESNI/TI structure in 2019 (effective from 2020 after decision in CESNI Committee)

NEW

→ Discussion today ←

Delegated act on the European Hull Database

- Delegated Act (DA) with regard to the European Hull Database (the database referred to in Article 19 of Directive (EU) 2016/1629)
 - Inter-Service Consultation ongoing
 - Next step: public consultation via the Better Regulation Portal
- the draft DA for the EHDB has some **digital aspects**:
 - **Access rights** to the EHDB are defined in the DA for each **user profile**
 - Establishment of '**single contact points**': each Member State shall designate a single body to serve as a contact point for the Commission and other Member States, to facilitate the validation of new access requests
 - The EHDB (kept by the EC) shall be extended:
 - to keep a digital copy of the certificates
 - information on application for certificates
 - data concerning the vessel logbook

Implementing act for the models of Certificates of Qualifications, SRB & LBK

- Directive (EU) 2017/2397 provides for **harmonised models** for certificates of qualification, service record books and logbooks
- Implementing act incorporating CESNI standards to be adopted by EC by 17 January 2020
 - Models developed by CESNI (endorsed in April by CESNI committee)
 - CESNI models include a digital format for certificates of qualifications as Boatmaster, as LNG expert and as Passengers Navigation expert

Delegated act on the information systems for Certificates of Qualifications, SRB & LBK

- Directive (EU) 2017/2397 provides for exchange of information on the basis of a centrally deployed service for:
 - certificates of qualification
 - administrative information on service record books
 - administrative information on logbooks
- Internal process for adoption of the draft Delegated act ongoing
- Publication envisaged by autumn 2019
- Includes setting up a database/an EU platform providing a single digital gateway to national registers of certificates of qualifications and service record books (extension of EHDB and ERDMS envisaged)

Digital tools for IWT crew and vessel – Impact Assessment Study

- **Objective:** reduction of administrative burden and better enforcement
- **How:** Digital on-board environment where crew and vessels data are maintained and dynamically updated with the EU databases for crew and vessel as 'single digital gateway' ('digital by default' + 'once-only' principles)
- Impact Assessment Study – midterm – 2nd round of targeted consultations in June 2019 with surveys and interviews
- **Open Public Consultation** until **9 July** on

https://ec.europa.eu/info/law/better-regulation/initiatives/ares-2017-6171228/public-consultation_en

**Have
your say!**



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European
Commission

European Hull Database (EHDB)

Data & data quality

- DE, HU, IT: no data yet (not parties to the SA)
- RO: no updates since 2016
- total 14.215 vessels (Jun-18)
total 14.118 vessels (Nov-18)
total 14.167 vessels (May-19)

EHDB			
Country	No. of vessels	Av. age of entries (yr)	Last update
AT	332	3.2	May-19
BE	1731	6.1	Jul-18
BG	337	1.7	May-19
CZ	408	2.7	May-19
FR	2521	5.3	Jul-18
GB	97	1.9	Feb-19
HR	198	1.0	May-19
LU	15	4.4	Jul-18
NL	6707	4.8	Mar-19
PL	720	3.3	Oct-18
RO	731	7.2	Feb-16
SE	2	1.5	Jul-18
SK	368	6.5	Jul-18
Total	14,167		

Source: DG MOVE SRD.2 (24/05/2019)

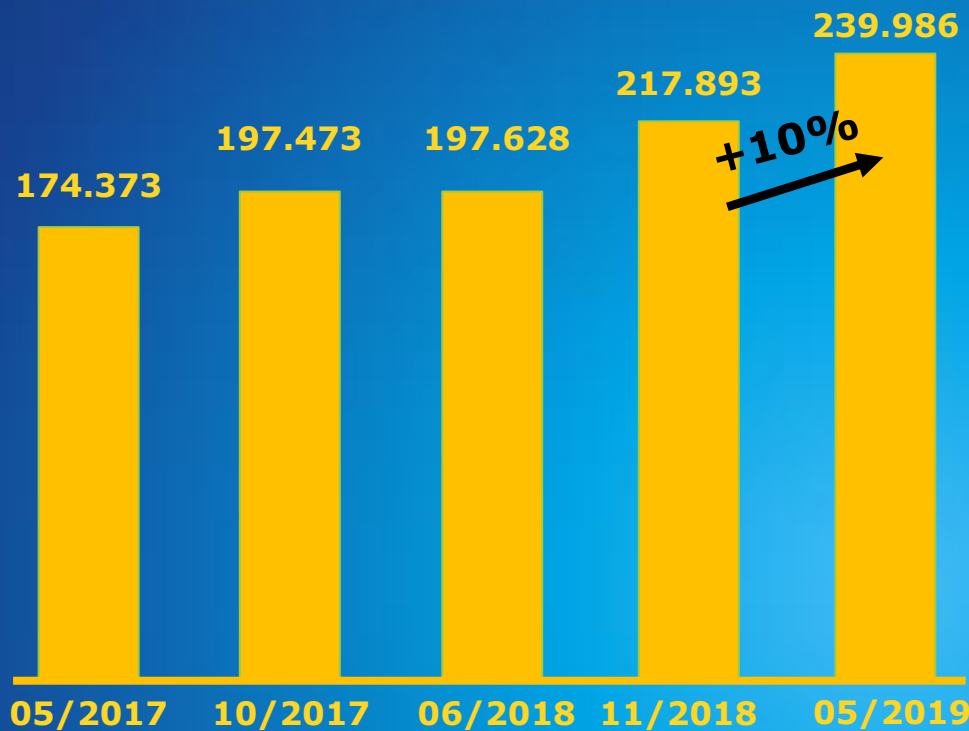


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European Reference Data Management System (ERDMS) – RIS Index

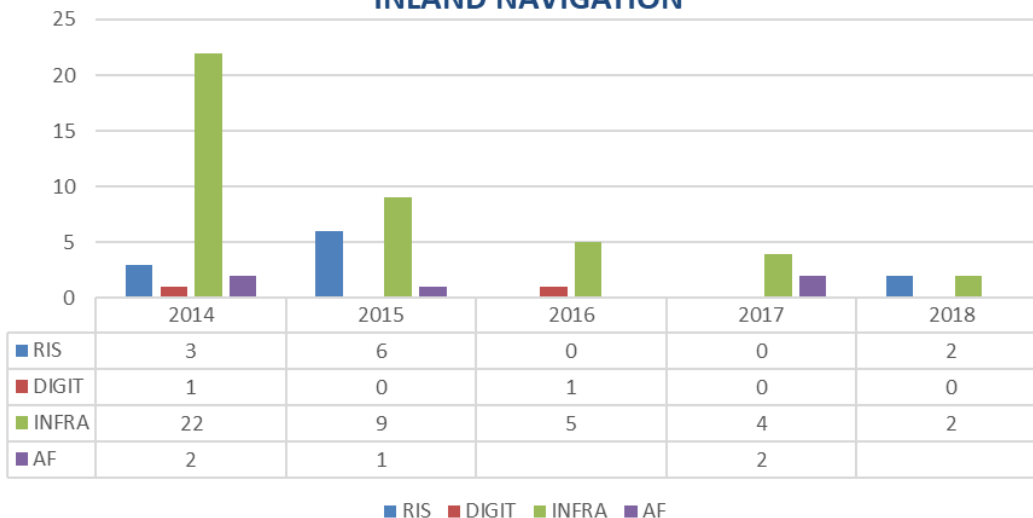


ERDMS (RIS Index only)			
Country	No. of entries	Av. age of entries (yr)	Last update
AT	6,548	2.8	May-19
BE	30,339	3.9	Sep-18
BG	5,623	0.6	Jan-19
CZ	4,439	4	Dec-15
DE	122,689	1.7	Aug-17
FR	16,911	0.1	May-19
HR	5,611	2.4	Jan-17
HU	9,368	3.4	Apr-19
NL	20,514	7.4	Nov-16
PL	893	2.1	May-17
RO	4,772	4.2	Feb-19
RS	6,288	2.0	Feb-19
SK	5,991	3.3	Mar-19
Total	239,986		



Inland waterway projects under CEF

PROJECTS UNDER CEF 2014-2018
INLAND NAVIGATION



60

Projects related to
Inland Waterways for
the period 2014-2018

Total eligible costs:

€ 3.969.735.562

EU funding:

€ 1.720.218.098

17 Member States

AF

EU Funding:

€40,9 mil.

Total Costs:

€ 114,9 mil.

INFRA

EU Funding:

€1,6 bil.

Total Costs:

€3,8 bil.

RIS

EU Funding:

€35,4 mil.

Total Costs:

€63,4 mil.

DIGIT

EU Funding:

€ 1,8 mil.

Total Costs:

€3 mil.



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EU Funding – H2020 call

- **Moving freight by Water:** Sustainable Infrastructure and Innovative Vessels¹
 - Research and Innovation action
 - Opening date: 5 September 2018
 - 1st stage closed: 16 January 2019
 - 3 proposals from area 'Maritime Transport'
 - 4 proposals from area 'Inland Waterways'
- } qualified for 2nd stage
- Deadline 2nd stage: 12 September 2019 → decision Dec 2019
 - Project size: 5 to 10m€

¹<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/mg-2-6-2019.html>





Proposal for a EU Regulation on electronic freight transport information (eFTI)

(Co-decision process on-going)



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The situation today

- **>99%** of freight transport operations within the EU still use paper documents
- **>380 million hours** in total spent processing paper-based transport information (total EU, 2018 estimate)



The proposal in a nutshell



A **harmonised EU general framework** for **business-to-authority** electronic exchange of freight transport information, based on **five principles**:

- no new information requirements;
- **authorities** are **obliged** to accept the information electronically (only) **if** presented via certified platforms or certified service providers;
- **economic operators** can choose to present the information electronically or in paper form; however, when opting for the electronic form, the information needs to be presented via certified platforms or certified service providers;
- common general requirements for **platforms' functionalities** and, respectively, providers' obligations to ensure authenticity, integrity, accessibility, security and interoperability;
- EU certification scheme for platform and services providers.



eFTI information flow

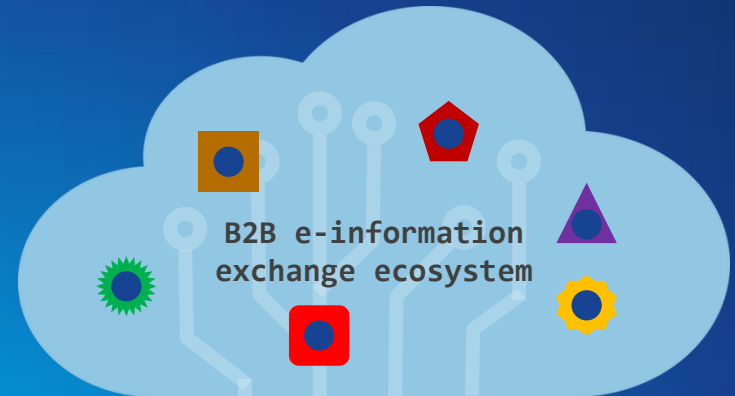
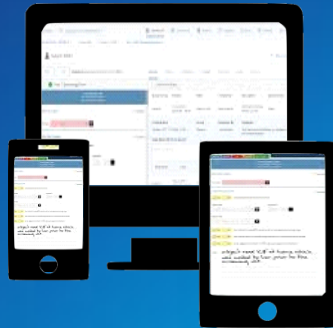


eFTI platform/
certification
(Art. 8 requirements)

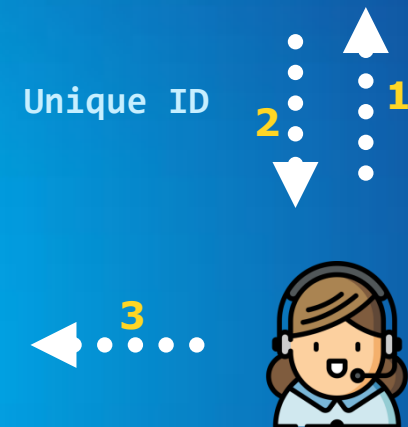
ICT systems:
■ economic operators own
company systems, or
◆ of eFTI service providers

Authority access platform

- ▶ Common data dictionary (Art. 7a)
- ▶ Harmonised access procedures, rules and technical specifications (Art. 7b)



- CLOUD services •
- in-house services •





Questions?

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Supporting slides





Other digital initiatives / save the dates

Digital Synergy Study

- Digital solutions that have been developed and applied in other areas could be used for IWT.
- Re-using and building on existing systems could significantly shorten the time to market and avoid duplication of efforts and investments
- interactive session with DINA Expert Groups and targeted interviews with stakeholders

Save the dates

- 24. - 26. September 2019, European Research and Innovation Days, Brussels
- 7. – 9. October 2019, Digital Transport Days, Helsinki (Wednesday dedicated to waterborne transport)
- 11. October 2019 (indicative), DINA Expert Group, Brussels



Delegated act on the information systems for Certificates of Qualifications, SRB & LBK (2)

- Sets up a database/an EU platform providing a single digital gateway to national registers of certificates of qualifications and service record books
- Data is kept in national registers
- Connection between the EU platform and the national registers shall be based on the eDelivery Building Block
- Access rights to the EU platform are defined for each user profile
- ERDMS shall be extended to accommodate lists/codes relevant for the administration of certificates of qualification and service record books
- EHDB shall be extended to host data concerning the logbook