



Transport Trends and Challenges in the inland waterways sector

**Thirty-first session of the UNECE Working Party
on Transport Trends and Economics (WP.5)**

3-5 September 2018





INTERNATIONAL MINISTERIAL CONFERENCE CONNECTING BY INLAND NAVIGATION

Wrocław, Poland, 18-19 April 2018

- Organized jointly by UNECE and the Ministry of Maritime Economy and Inland Navigation of Poland
- More than 400 participants from 24 countries
- European Commission, River Commissions, international associations and organizations, basin authorities and other key players
- Ministerial plenary session and six thematic panel discussions
- Signing the Ministerial Declaration and a poster





INTERNATIONAL MINISTERIAL CONFERENCE CONNECTING BY INLAND NAVIGATION

Ministerial Declaration “Inland Navigation in a Global Setting”

- Signed already by 17 UN member States
- Open for signature
- **Main objectives till 2023:**



To foster the role of inland water transport as safe, environmentally sound and economically efficient

To address the challenges of sustainable development of mobility, also through inland water transport, by supporting intergovernmental multi-disciplinary cooperation in the field of transport

To encourage investment in the sector aimed at building and modernizing the inland waterway infrastructure, the fleet and ports as well as fostering innovation and using alternative fuels

To promote the attractiveness of the sector to the market and transport workers and increasing its competitiveness





INTERNATIONAL MINISTERIAL CONFERENCE CONNECTING BY INLAND NAVIGATION

Ministerial Declaration “Inland Navigation in a Global Setting”

Main areas for strategic actions:

Building up a solid regulatory framework

Ensuring the appropriate balance among transport modes, promoting the multimodality

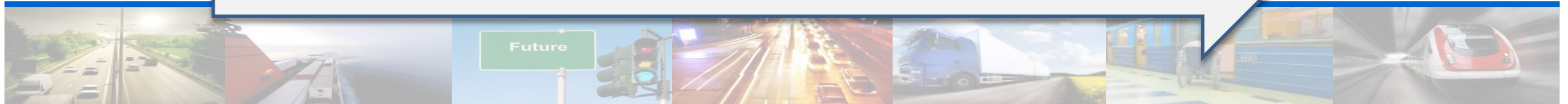
Encouraging the realization of a modern fleet and fostering innovations

Building the inland waterway infrastructure resilient to climate changes

Promoting the attractiveness and competitiveness of the IWW sector

IMPLEMENTATION

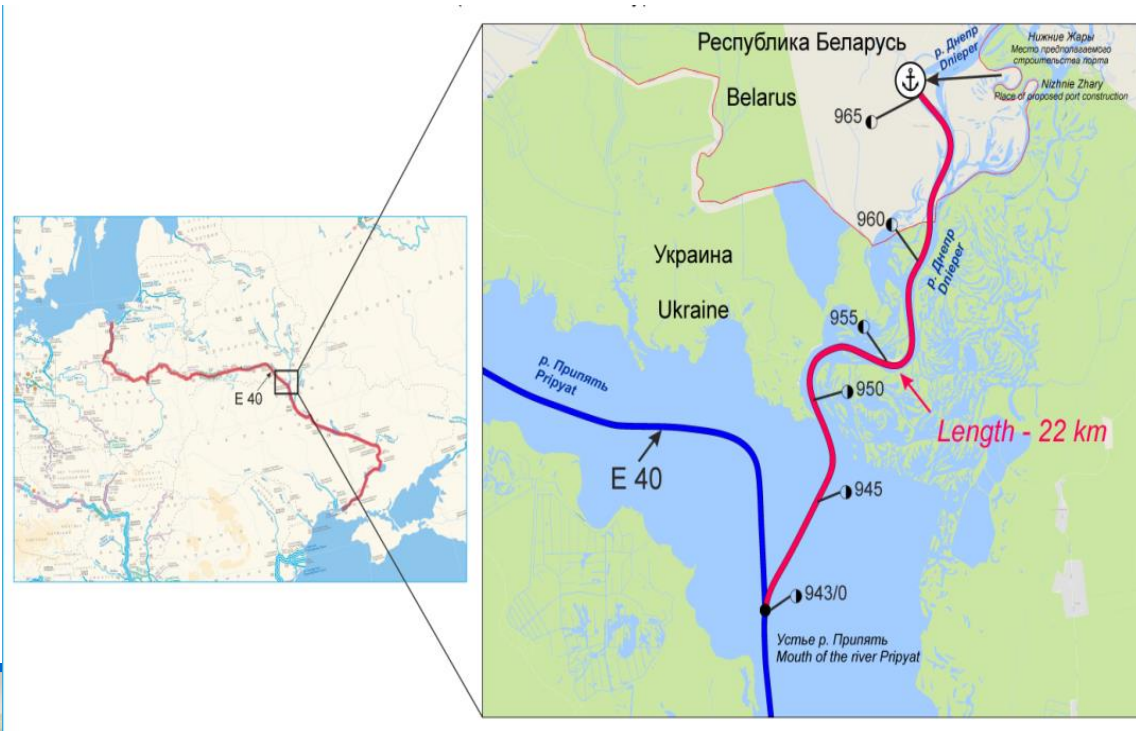
National
action
plans





DEVELOPMENT OF IWT INFRASTRUCTURE AND AGN

- European Agreement on Main Inland Waterways of International Importance (AGN), of 19 January 1996: **19 Contracting Parties**
- Recent amendments adopted at **the sixty-first session of SC.3**
- A new waterway **E-40-01**



UNITED NATIONS NATIONS UNIES

FOUNDED 1945

Reference: C.N.56.2018.TREATIES.XII.D.5 (Depositary Notification)

EUROPEAN AGREEMENT ON MAIN INLAND WATERWAYS OF INTERNATIONAL IMPORTANCE (AGN)
GENEVA, 19 JANUARY 1996

PROPOSAL OF AMENDMENTS TO ANNEXES I AND II OF THE AGN

The Secretary-General of the United Nations, acting in his capacity as depositary, communicates the following:

At its sixty-first session, held in Geneva from 4 to 6 October 2017, the Working Party on Inland Water Transport of the United Nations Economic Commission for Europe (UNECE) adopted, in accordance with article 13 of the AGN Agreement, amendments to its Annexes I and II, as contained in document ECE/TRANS/SC.3/205, paragraph 34.

The proposed amendments to Annexes I and II were adopted by the Contracting Parties in accordance with article 13 of the AGN.

The Secretary-General wishes to draw attention to paragraph 1 to 7 of article 13 of the Agreement, which read as follows:

1. Annexes I and II to this Agreement may be amended in accordance with the procedure laid down in this article.
2. At the request of a Contracting Party, any amendment proposed by it to annexes I and II to this Agreement shall be considered by the Working Party on Inland Water Transport of the United Nations Economic Commission for Europe.
3. If the proposed amendment is adopted by the majority of the Contracting Parties present and voting, it shall be communicated by the Secretary-General of the United Nations to the Contracting Parties directly concerned for acceptance. For the purpose of this article a Contracting Party shall be considered directly concerned if, in the case of inclusion of a new inland waterway or part of international importance or in the case of their respective modification, its territory is crossed by that inland waterway or if the considered part is situated on the said territory.

Attention: Treaty Services of Ministries of Foreign Affairs and of international organizations concerned. Depositary notifications are issued in electronic format only. Depositary notifications are made available to the Permanent Missions to the United Nations in the United Nations Treaty Collection at <https://treaties.un.org/>, under "Depositary Notifications (CN)". In addition, the Permanent Missions, as well as other interested individuals, can subscribe to receive depositary notifications by e-mail through the Treaty Section's "Automated Subscription Services", which is also available at <https://treaties.un.org/Pages/Logon.aspx?lang=en>.



SMART AND AUTONOMOUS SHIPPING

- Benefits and challenges
- Automation, cybersecurity, data exchange and other issues
- Developments and projects in the maritime and inland sectors:
IMO, MASRWG, IALA, DIMECC, NFAS/SINTEF Ocean, AAWA, One Sea Autonomous Maritime Ecosystem, CCNR, MUNIN, Lloyd's Register, IFAS etc.
- National experience: Flanders (Belgium), Netherlands , Finland, Norway
- Workshop organized jointly by UNECE and De Vlaamse Waterweg nv at the fifty-second session of SC.3/WP.3
- Further steps





NEW TYPES OF INLAND NAVIGATION VESSELS

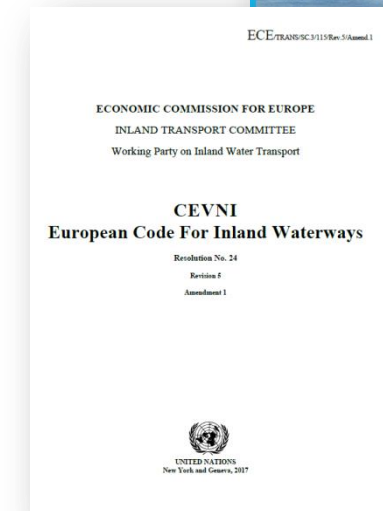
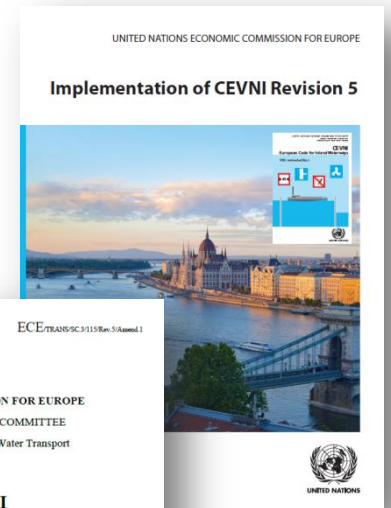
Provisions for vessels using LNG as a fuel

- **CESNI and CCNR**

- European Standard laying down Technical Requirements for Inland Navigation vessels (ES-TRIN)
- CCNR Regulations

- **UNECE**

- Amendments to the European Code for Inland Waterways (CEVNI)
- Draft amendments to the Annex to Resolution No. 61
- Amendments to ADN





DIGITALIZATION IN INLAND NAVIGATION

➤ Electronic tools for IWT

(European Union projects):

- Digital Single Market strategy
- eGovernment action plan 2016-2020
- Digital Inland Waterway Area (DINA)
- Digital Multimodal Nodes (DMN)
- European Vessel Hull Database

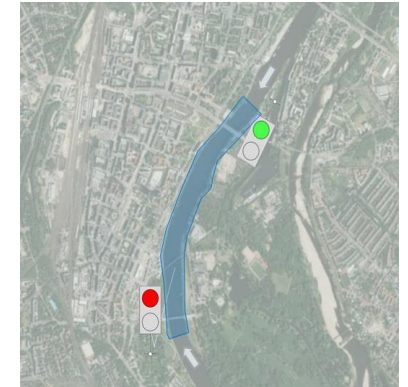
➤ **A workshop** will be held in October 2018





RIVER INFORMATION SERVICES

- RIS COMEX project
- Revision of the PIANC RIS Guidelines
- CCNR Questionnaire on the obligation of fitting inland vessels with an Inland AIS device and a chart display system
- Revised Inland ECDIS Standard (IES), VTT, ERI and NtS standards
- RIS implementation and AIS AtoN monitoring on inland waterways of East European countries
- Next steps: revision of UNECE Resolutions Nos. 48, 57, 58, 63, 79 and 80





EDUCATION AND PROFESSIONAL STANDARDS IN INLAND NAVIGATION

- **Directive (EU) 2017/2397 of the European Parliament and of the Council of 12 December 2017** on the recognition of professional qualifications in inland navigation and repealing Council Directives 91/672/EEC and 96/50/EC
- Ongoing work of **the European Commission, CESNI and CCNR** on professional qualifications
- **Need for:**
 - education and training standards for new vessel types;
 - training programmes for RIS operators





Thank you for your attention!

Website: www.unece.org/trans/main/sc3/sc3.html

