

INLAND NAVIGATION IN THE BALTIC SEA REGION IN THE CONTEXT OF THE PAN-EUROPEAN NETWORK

International Conference

VISIONS AND OPPORTUNITIES FOR THE TRANSPORT NETWORK

Inland Navigation and River-Sea Shipping in the Baltic Sea Region

6 November 2018, Brussels

Victoria IVANOVA, UNECE



UNECE

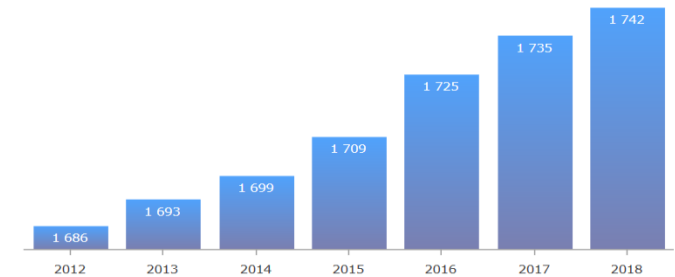
UNECE

CENTRE OF TRANSPORT CONVENTIONS

- UNECE is one of the five UN regional commissions
- Administered by ECOSOC
- Established in 1947
- The UNECE Inland Transport Committee (ITC) facilitates the international movement of persons and goods by inland transport modes
- There are 58 United Nations inland transport-related legal instruments administered by ITC and updated regularly



Number of Contracting Parties to UN Legal Instruments on Transport



Working Party on Inland Water Transport (SC.3)

Established in 1956

Main activities:



UN legal instruments relevant to IWT

IWW infrastructure, navigation rules

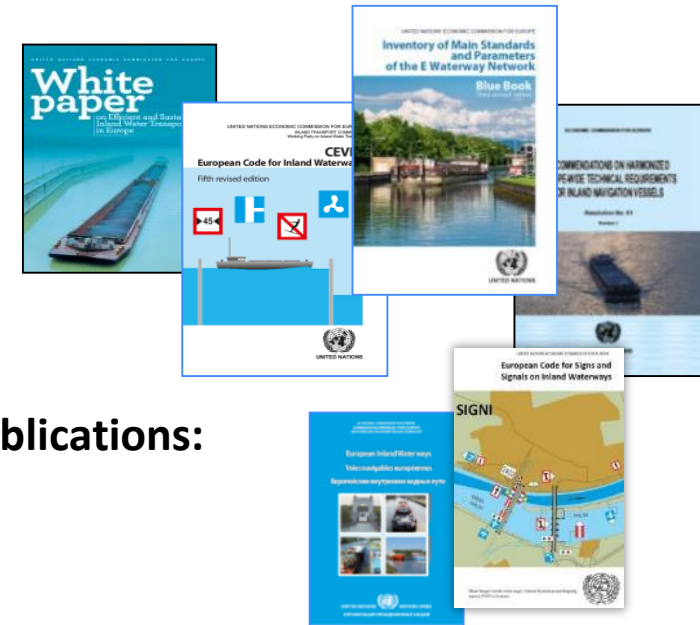


Harmonizing standards and norms

Promoting River Information Services



Maps and databases



Publications:



AGN and Protocol to AGTC

AGN:

- inland waterways, coastal routes and ports of the E waterway network
- class IV for existing waterways, class Va for modernized waterways and class Vb for new waterways
- minimal clearance under bridges
- suitability for container transport
- technical and operational characteristics of E ports



19 Contracting Parties



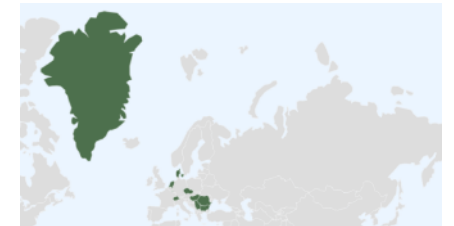
The Blue Book:

- provides the navigational characteristics of E waterways and E ports and locks
- The third revision was issued in 2017
- Supported by the map of E waterway network
- Blue Book database available online www.unece.org/trans/main/sc3/bluebook_database.htm

Protocol to AGTC:

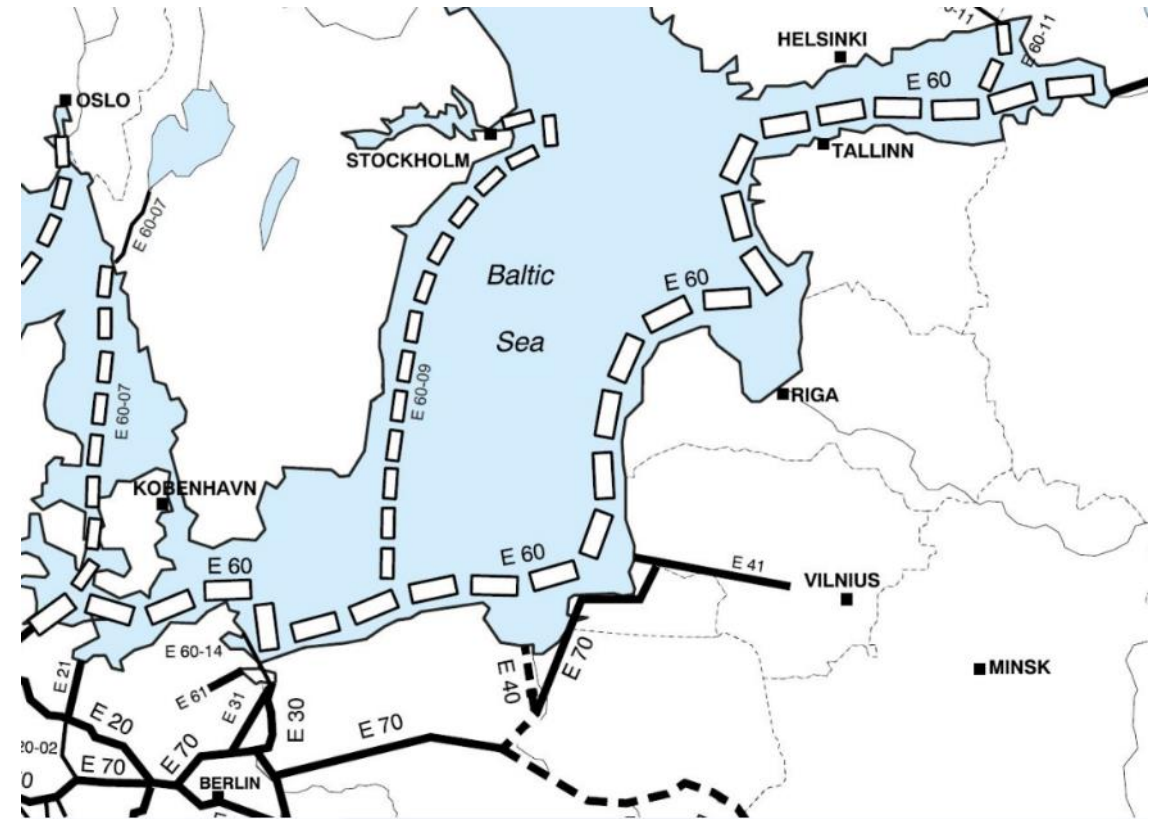
- European inland waterways of importance for regular international combined transport and terminals in ports
- technical and operational minimum requirements of European inland waterways
- Technical and operational minimum requirements for terminals in ports

9 Contracting Parties



E waterways in the Baltic Sea region

- Contracting Parties to AGN:
Lithuania, Poland and the Russian Federation
- Inland waterways E 30, E 31, E 40, E 41, E 70
- MISSING LINKS:
 - Danube-Oder-Elbe connection (E 30)
 - Gdansk-Brest connection (E 40)
- BOTTLENECKS:
 - E-30
 - E-40
 - E-41
 - E-70
 - E 60-11
- Coastal routes E 60, E 60-09



IWW STATISTICS

WORKING PARTY ON TRANSPORT STATISTICS (WP.6)

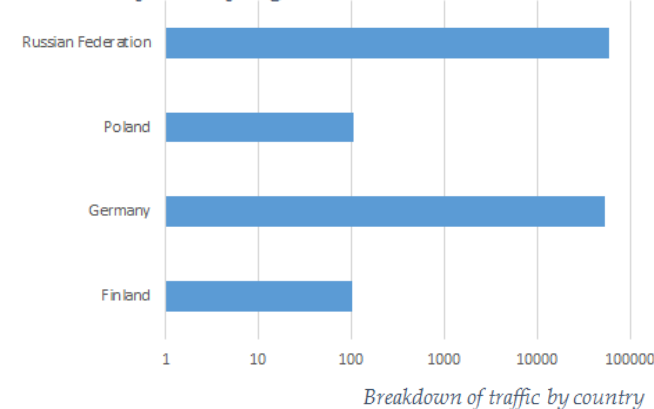
Available Baltic Country IWW Data

- UNECE collects data through a common questionnaire with Eurostat and ITF

Available data are:

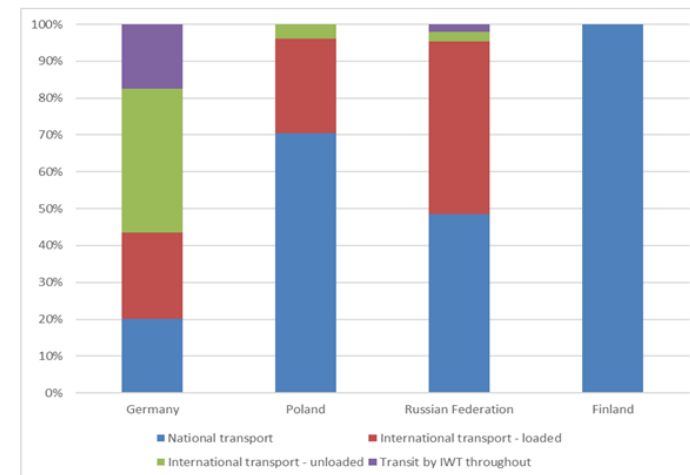
- Infrastructure information (length of navigable waterways)
- Vessel Information (number, age, carrying capacity, power)
- Specific waterway infrastructure information (Blue Book)
- Transport measurement in tonnes and tonne-km

Tonne-km by country (log scale)



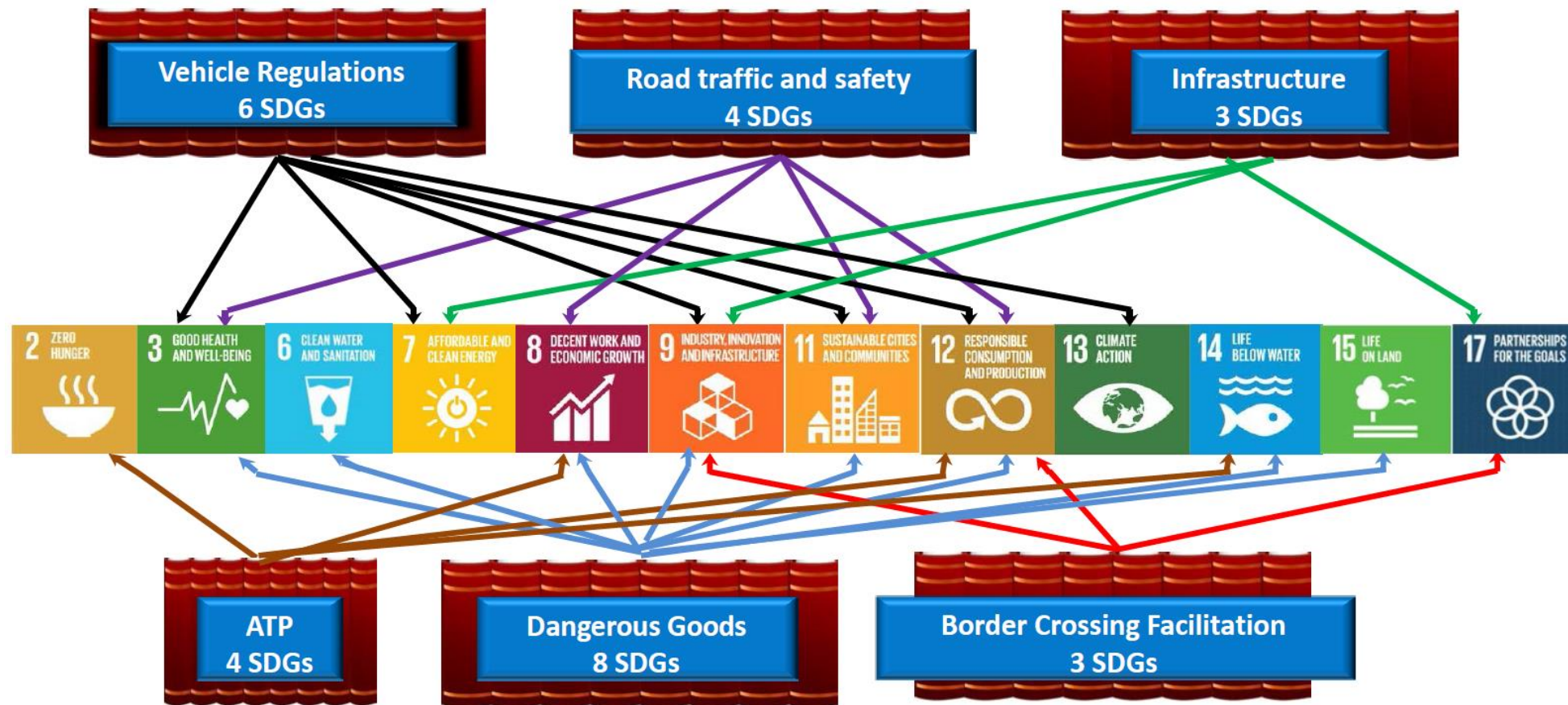
**This is total country IWW traffic, not necessarily for waterways connecting to the Baltic. 2016 data (2015 for Russian Federation)*

Breakdown of traffic by country



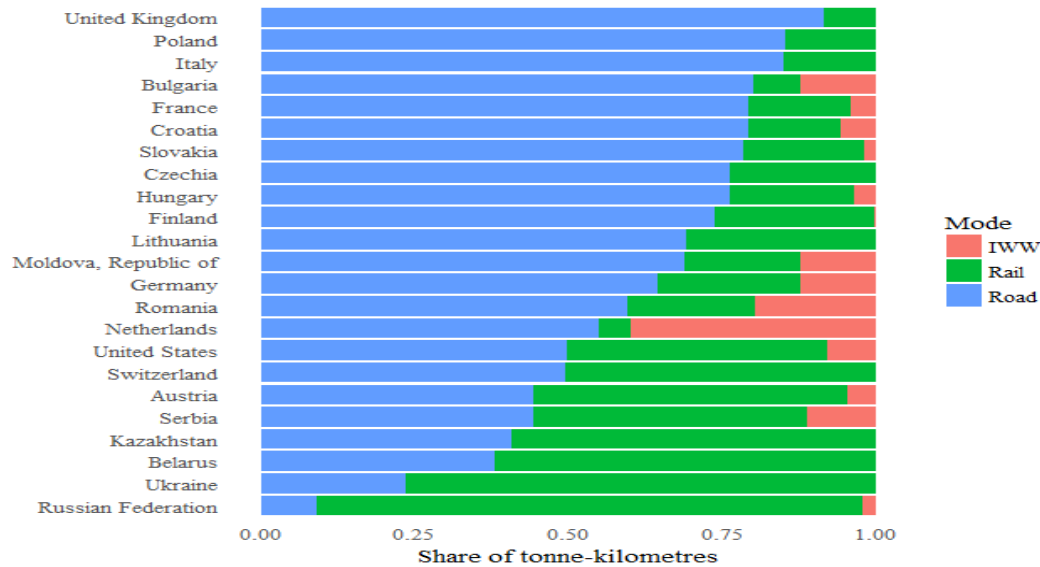
The breakdown of total traffic between national, international-loaded and international-unloaded and transit traffic varies significantly between the biggest countries

SUSTAINABLE DEVELOPMENT GOALS AND UN TRANSPORT CONVENTIONS UNDER UNECE ITC PURVIEW



INLAND WATER TRANSPORT IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT GOALS

- IWW data directly measure SDG 9.1.2 on passenger and freight volumes
- Inland navigation has a significant role to play in SDG 3, 7, 11, 13
- Read UNECE transport data SDG papers at https://www.unece.org/trans/main/wp6/sdg_papers.html



3 GOOD HEALTH AND WELL-BEING



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



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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

Ministerial Declaration “Inland Navigation in a Global Setting”

- 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

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Challenges and opportunities

- Automation, cybersecurity, data exchange and other issues
- Digitalization, smart shipping and smart logistics
- Legislative gaps
- River Information Services
- Innovations
- Integrating into multimodal chains
- Climate change
- Increased costs
- New training standards and programmes



For more detailed information on UNECE Sustainable Transport Division and Working Groups, please contact:

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Thank you for your attention!

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