Inland Waterway Statistics: current data availability and SDG monitoring

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Presentation to the Working Party on Inland Water Transport (SC.3)

Geneva, 6-8 November 2019

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Overview

- WP.6 Meeting

- E-IWW census discussions

- The Glossary for Transport Statistics

- SDG Data Production: highlighting IWW sustainability versus other modes

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E-Rail Census

- E-Road and E-Rail censuses ask for infrastructure information and traffic volumes on the AGR and AGC networks every 5 years

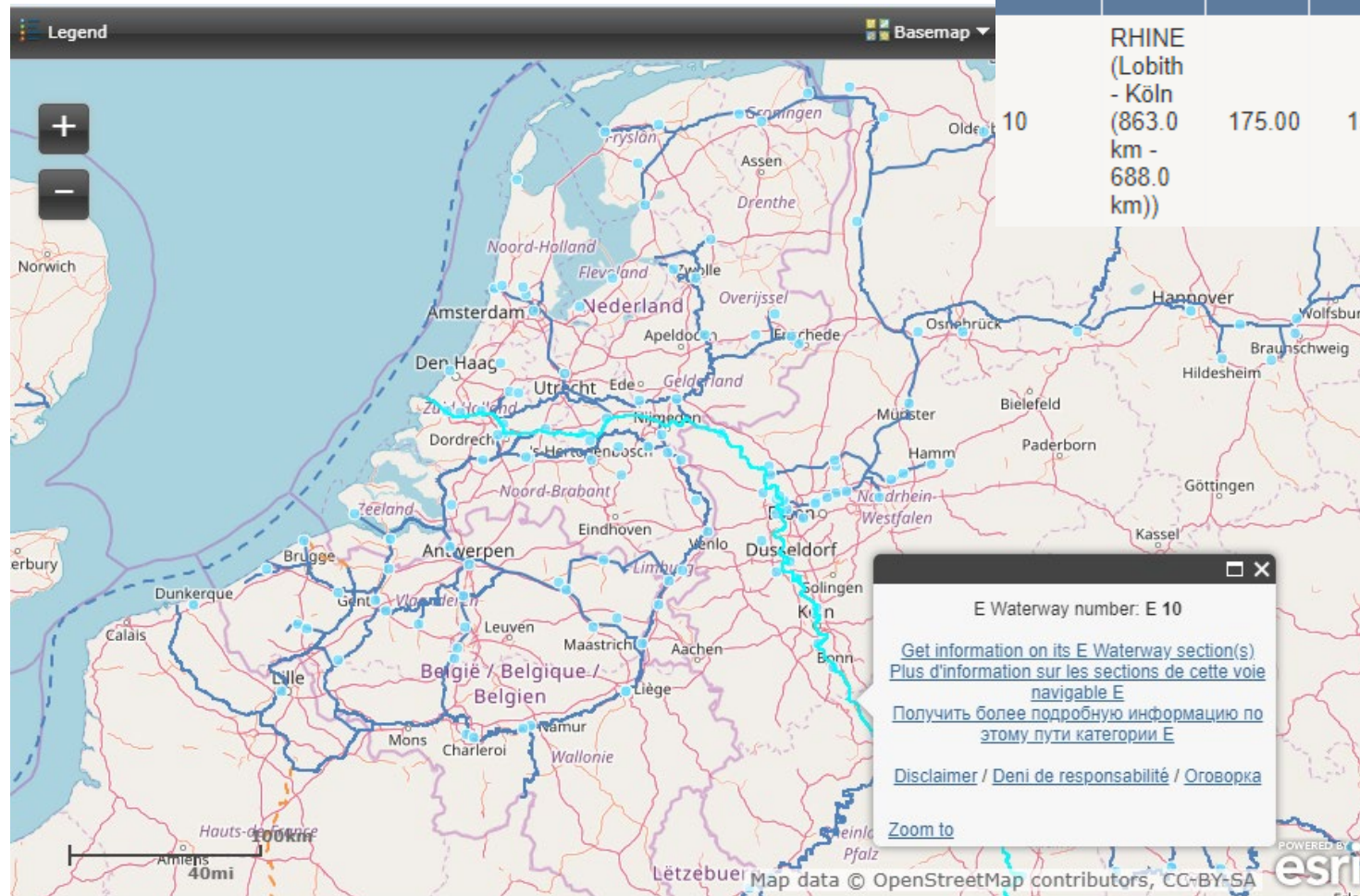- Maps of both road and rail traffic volumes now available.
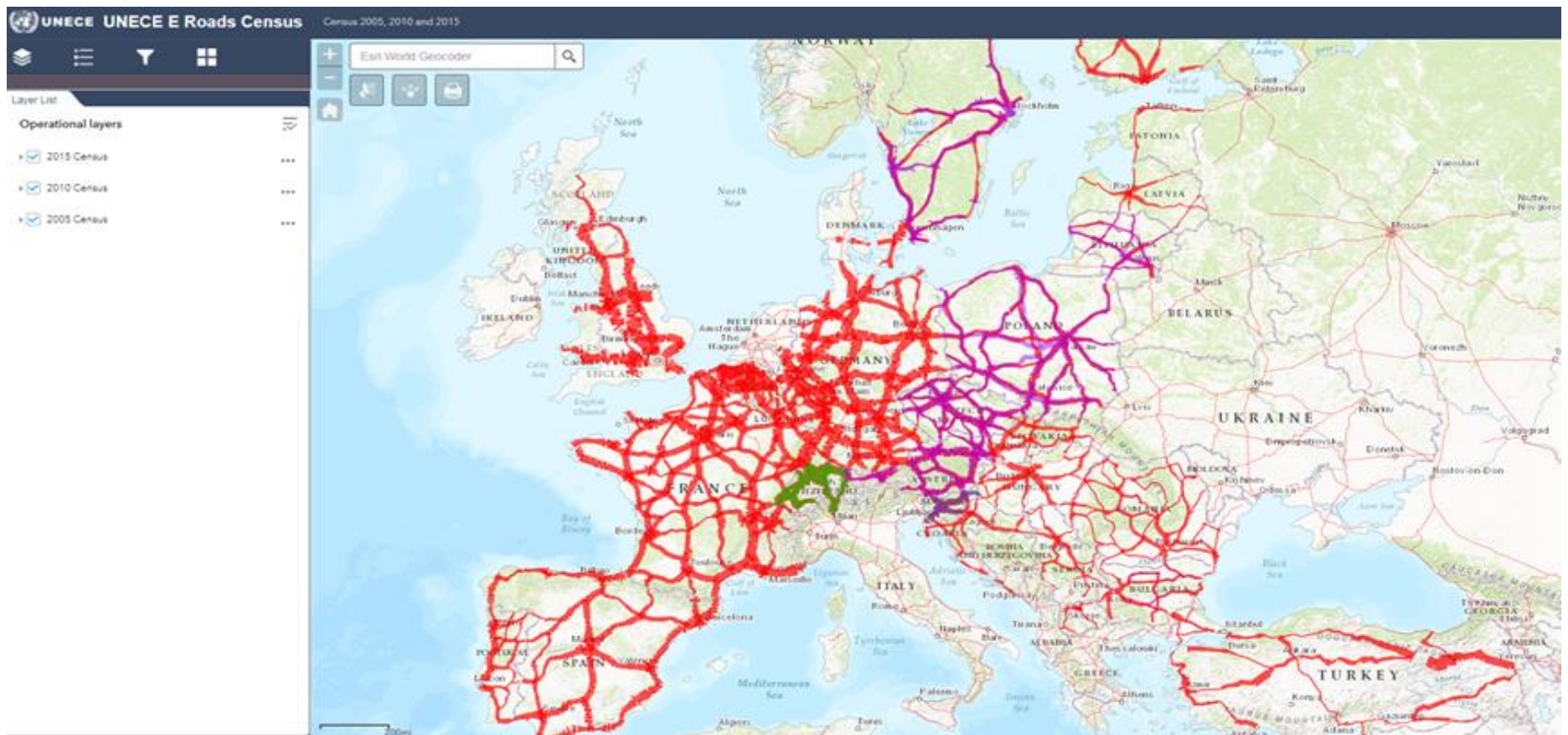
A Note on an E-IWW Census

Existing data from the Blue Book

(https://apps.unece.org/AGN/1Default.aspx)

Number	Section name	Section length (Km)	Vessels length (P)	Vessels width (P)	Convoys length (P)	Convoys width (P)
10	RHINE (Lobith - Köln (863.0 km - 688.0 km))	175.00	135.0	22.80	269.5	22.90

E Waterway number: E 10

Get information on its E Waterway section(s)
Plus d'information sur les sections de cette voie
navigable E
Получить более подробную информацию по
этому пути категории E

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Zoom to

Map data © OpenStreetMap contributors, CC-BY-SA

WP.6 2019

- Working Party on Transport Statistics met 12-14 June 2019

- Decision on an E-IWW census:

- ***The Working Party took note of the wish of the SC.3 to collect similar traffic data as collected in the E-Road and E-Rail censuses for the E-Inland Waterway network. It agreed to keep this on the agenda, and explore with Czechia data availability.***

Existing Eurostat Data

98 kt of goods from **Usti nad Laben** to **Germany.** 41kt of which was agriculture products to Hamburg; 50 kt was chemicals to other German regions.

150 kt of metal ores from **Usti nad Laben** to **Prague.**

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WP.6 on SDGs

- 3.6: Halving the number of road accident fatalities by 2020. TIER 1

- 9.1.2: Passenger and freight volumes (passenger-km and tonne-km) by mode. TIER I

- 11.2.1: Proportion of urban population with convenient access to public transport. TIER II
  - Current indicator: proportion of population within 500m of a transport stop.

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How to Report on Indicator 9.1.2

How to calculate passenger-km and tonne-km? Guidelines on compilation?

Include Inland waterways? Pipeline? Road breakdown? Active modes?

Can inland modes be meaningfully compared with maritime and aviation?

Residency or territoriality principle (make adjustments?)

Is the goal to increase passenger and freight volumes? Or is it a modal split analysis?

Goal is for resilient infrastructure. What about "Sustainable transport"?

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Improving measurement of 9.1.2

- See currently reported global data at https://unstats.un.org/sdgs/indicators/database/.

- UNECE has collated national reporting on this indicator, available at https://statswiki.unece.org/display/CESI9/National+Experiences+in+Monitoring+SDG+9.1.2. This includes many additional indicators that countries feel are useful to their national circumstances.

- Guidance on how to measure 9.1.2 at the national level is now being developed.

- **Are there any inland waterway transport indicators that countries could consider for measuring resilient infrastructure or sustainable transport?**
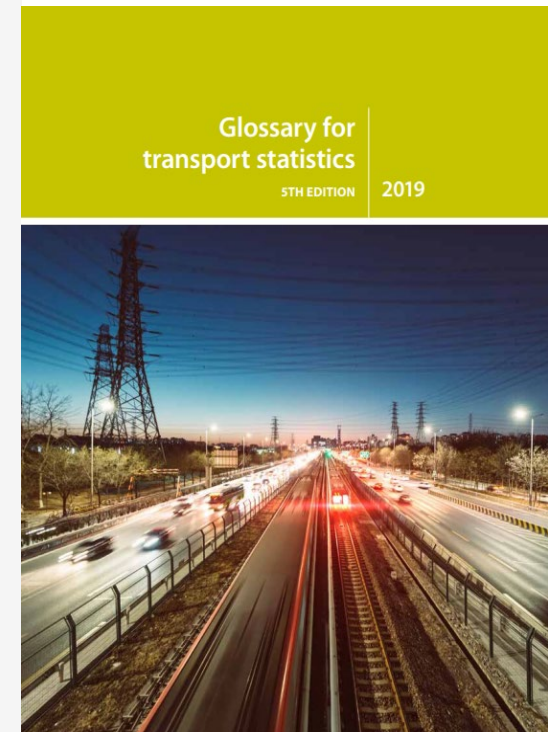
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9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Glossary for Transport Statistics – 5th edition

- International standard for transport statistics production and interpretation. Covers all modes, from infrastructure and transport equipment, to safety and passenger mobility. Allows transport statistics to be produced consistently across countries and modes.

- **Fifth edition released in July 2019**. New additions on passenger mobility, environmental impact of transport, maritime accidents, and separated chapters on energy consumption and intermodal transport.

- **Versions in all E.U. languages are available, Russian is on its way.**

- unece.org/fileadmin/DAM/trans/main/wp6/pdfdocs/Glossary_for_Transport_Statistics_EN.pdf

- Definitions should be used and disseminated *sans modération*.

Glossary for transport statistics
5TH EDITION | 2019

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Conclusions

- Use the new [Transport Statistics Glossary](#)! Russian version soon available.

- WP.6 will continue to explore E-IWW census idea, with more work on concepts needed. Existing IWW statistics collected by Eurostat can already be visualized.

- IWW statistics are crucial to measuring the Sustainable Development Goals, directly measuring 9.1.2 but also with relevance to goals 3, 7, 11.

Questions or Comments? Thank you!

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