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TRANSPORT STATISTICS



UNECE

# E-Rail Censuses: Update, Future Plans and Traffic Visualisation

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# Overview



- E-Rail 2020 Status
- Mapping and potential improvements
- Utility of census and future plans
- Inland Waterways census activities

# E-Rail Census



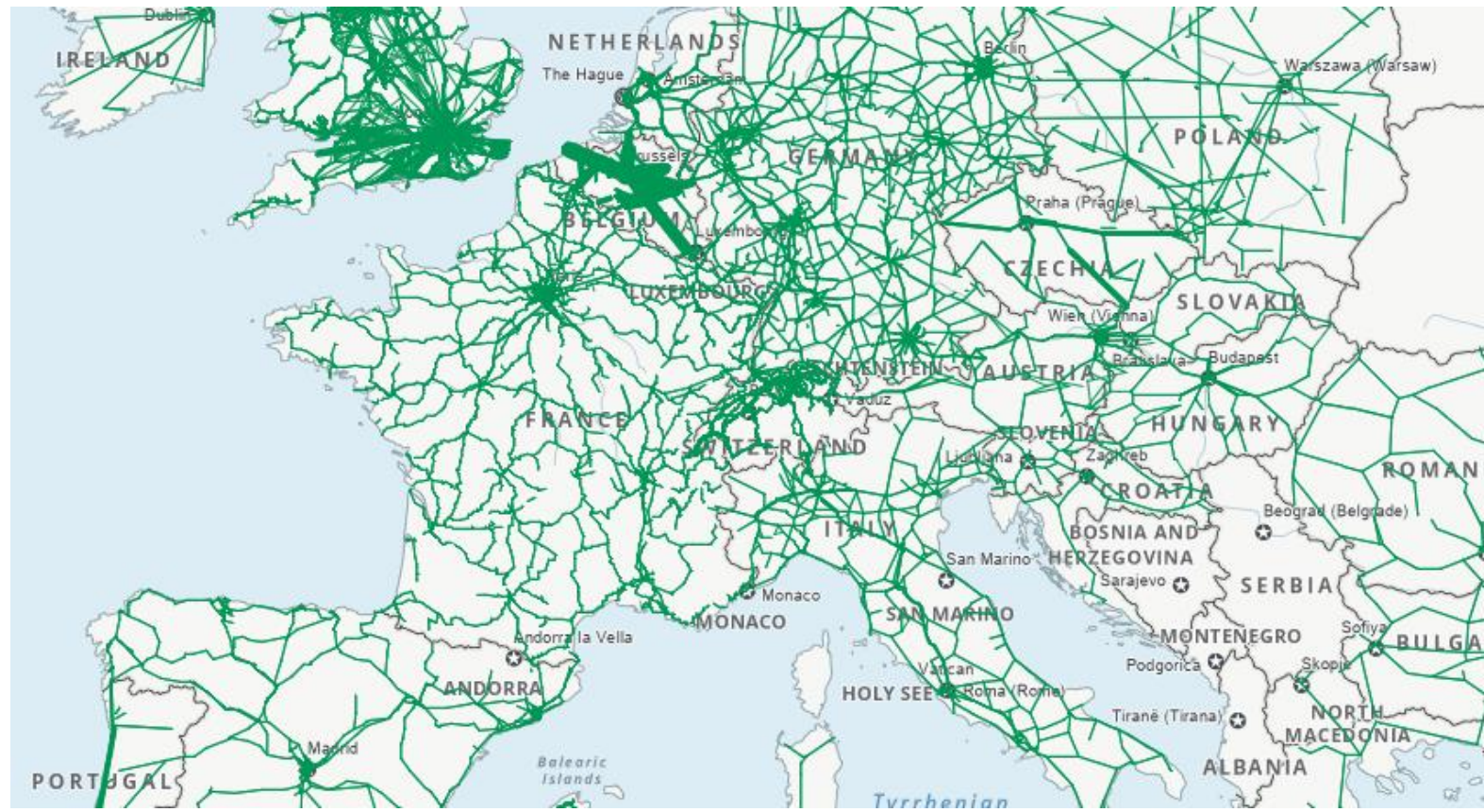
- Reminder: collects traffic information (trains per year, broken down by passenger and goods).
- In theory should only cover lines on the AGC network (main lines of international importance).
- Splits the network into network segment identifiers.
- Some infrastructure information (type of current etc) asked for too.
- **Eurostat countries: this is covered by Annex V (ex Annex G)**

# E-Rail Census 2020

[unece.org/transport/transport-statistics/e-rail-traffic-census-2020](https://unece.org/transport/transport-statistics/e-rail-traffic-census-2020)



- Eurostat data significantly more complete and detailed for 2020. UK data combined with this. Other non-Eurostat countries: additions welcome!
- 2025 Recommendations: no changes from 2020.



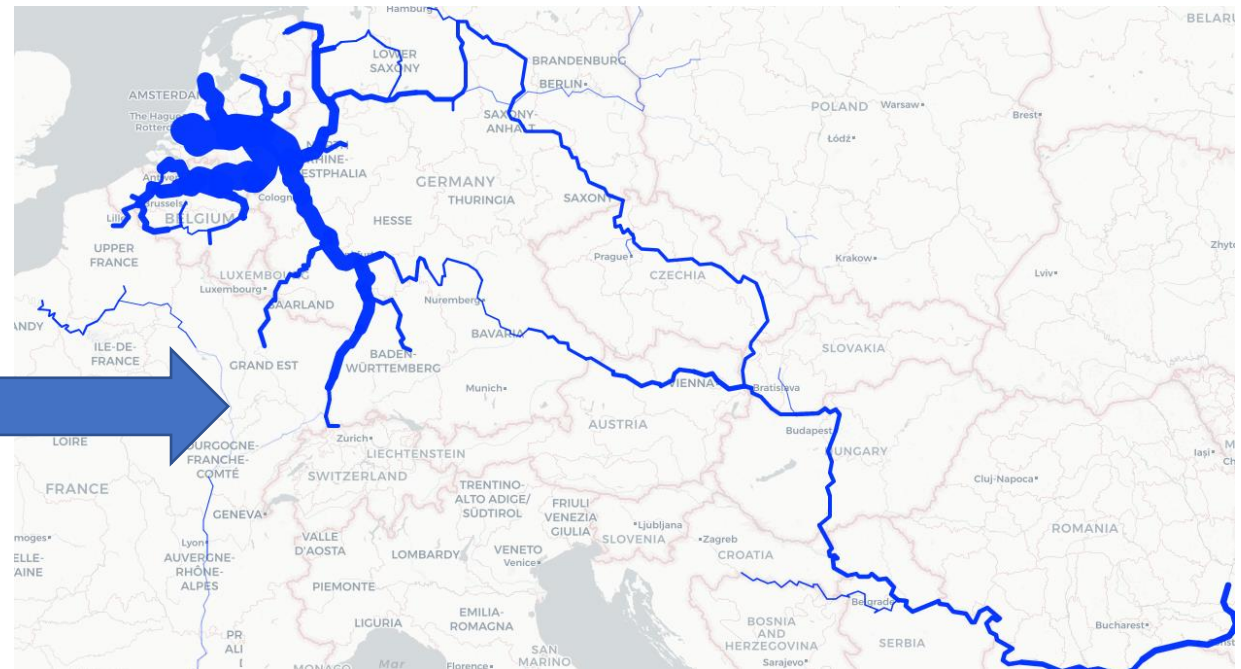
# Visualising Inland water traffic



- WP.6 decided in 2019 to explore an E-IWW census-like exercise, but trying to use **existing** data sources.
- As no international IWW **traffic** data are available, Eurostat *iww\_go\_atygofl* origin-destination table the main source



# Inland Waterway

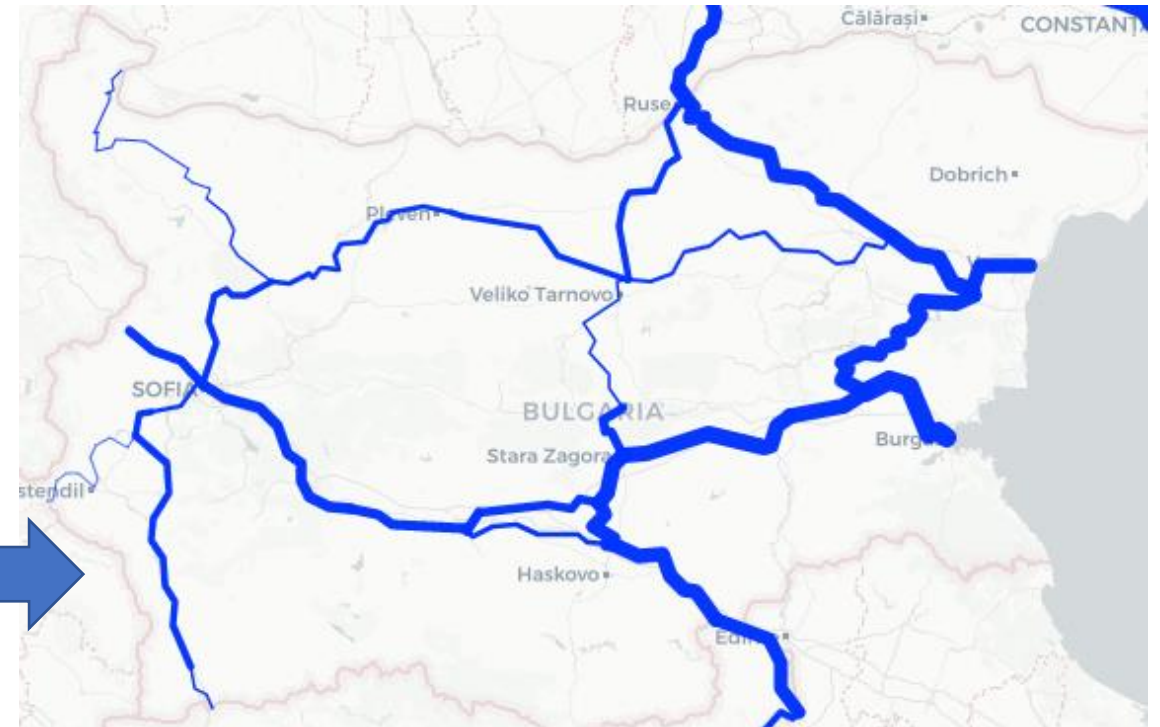


[unece.org/transport/transport-statistics/e-iww-census-visualising-inland-water-volumes](https://unece.org/transport/transport-statistics/e-iww-census-visualising-inland-water-volumes)

# E-Rail Census: Plot on to real lines too?



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# Uses of rail and IWW census data in UNECE



- Quantifying value of transport infrastructure
- Modal split on specific corridors and identifying modal shift opportunities (through underused lines): where can goods be taken off the road the easiest/for the most impact?



# Rail and IWW Census Summary



- E-Rail census:
  - Please provide comments or approve the 2025 recommendations
  - The secretariat will try to improve results visualization. Should this include plotting straight lines onto the real network? What network to use?
- Further visualization ideas to be explored