UNECE E-ROAD and E-RAIL CENSUSES

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Overview

- WP.6 Introduction
- E-Road Census
  - Geospatial dissemination
- E-Rail Census
  - Geospatial Dissemination
WP.6: A forum for inland transport statistics under the Inland Transport Committee, dealing with:

- Methodology development and harmonization
- Compilation and dissemination of data for 56 UNECE member States, on all inland transport modes
- Capacity building activities

Next Meeting: 7-9 June, Geneva
E-Road Census: a long tradition

• Unique international road census, providing comparable data on traffic flows on main European roads
• Important tool for transport policy
• Mandate: E-Road network in Annex I of the European Agreement on Main International Traffic Arteries (AGR) of 1975 + Amendments
E-ROAD Tables

- Total length of E-Roads by width and number of carriageways and lanes
- E-Road sections’ average annual daily traffic (AADT)
- Counting posts on E-Roads
- Distribution of motor traffic by vehicle category
- Specific usage of roads (traffic at night, holidays, peak hours)
E-Road: European map (2005)
CENSUS OF MOTOR TRAFFIC ON THE CZECH REPUBLIC E-ROADS IN 2016
Appears to be drawn without software, but geospatial applications are easy to create if you can approximate the coordinates of the measuring posts
E-Rail Census: Mandate

• 1st Census was 2005. Deadline for 2015 data is June 2017
• Lines in the European Agreement on Main International Railway Lines (AGC) of 1985
• Lines in the European Agreement on Important International Combined Transport Lines and Related Installations (AGTC) of 1991
• For EU countries, lines in the Trans-European rail network (TEN) (Decision 1692/96/EC)
Characteristics of E-Railway lines

• Information on
  • volume and distribution of rail traffic
  • the technical characteristics of the rail network (e.g. electrification)
  • Stock situation at the end of reference year
E-Rail: European map (2005)
Summary

• Censuses publish key traffic flows mapped for road and rail by volume

• Most countries map these data anyway

• Further info:
  • UNECE working on mapping the 2015 results.
SAFE, CLEAN, SECURE AND EFFICIENT MOBILITY FOR PEOPLE AND FREIGHT

- Inclusive International Legal Architecture
- Effective Public Administration
- International Cooperation
- Innovative Financing
- New Technologies
- Social Responsibility

The future Inland Transport WE WANT!

- Facilitated international transport
- Reduced GHG emissions
- Reduced air / noise pollution
- Increased P.T. Mobility Choices
- Zero traffic fatalities and injuries
- Efficient transport services
- Enjoyable walking and cycling

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