



UNITED NATIONS  
ECONOMIC COMMISSION FOR EUROPE

## Selected UNECE legal instruments for the facilitation of international transport

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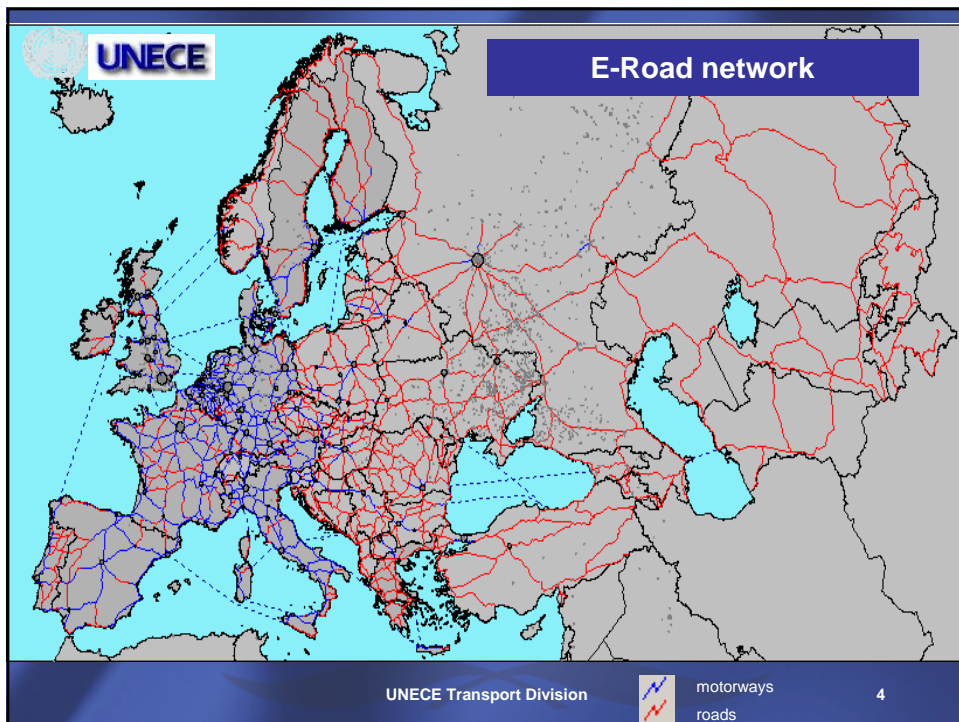
Workshop 'Enhancing National Capacity for the Facilitation of Interregional Transport along  
the Euro-Asian Transport Links'  
(30 – 31 May 2007, Minsk, Belarus)

### Main areas of UNECE transport facilitation

- *Infrastructure* (**AGR, AGC, AGTC, AGN**)
- *Road transport regulations* (**2 Vienna conventions, 2 supplementary European Agreements, AETR**)
- *Vehicle construction* (1958 and 1988 agreements on technical standards)
- *Border-crossing facilitation* (temp. import rules, **CMR, TIR and Harmonization Conventions**)
- *Dangerous and special goods* (**ADN, ADR, ATP**)
- 14 instruments selected (bold type)

## 1. The E road network agreement (AGR), 1975

- Minimum infrastructure standards for E roads in 37 countries
- A numbering system for E roads
- The E road network extends to the Caucasus and Central Asia up to the Chinese border
- Density and quality of E roads and motorways uneven



## **2. The E rail network agreement (AGC), 1985**

- Minimum infrastructure standards for E railway lines in 26 countries
- A numbering system for E rail lines
- Extend from Western Europe to the Caucasus and Central Asia up to the Chinese border
- Density and quality of E rail lines uneven

## **3. The E combined transport network agreement (AGTC), 1991**

- Minimum infrastructure standards for E combined road/rail services in 30 countries
- Identifies relevant terminals, border-crossing points, ferry links and other installations
- Extends to the Caucasus and Central Asia up to the Chinese border
- Density and quality of the AGTC network lines and facilities uneven

Address: http://unece.unog.ch/wp24/agtc.aspx

**UNECE** United Nations Economic Commission for Europe

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## AGC - AGTC

European Agreement on Main International Railway Lines (AGC)  
 Accord européen sur les grandes lignes internationales de chemin de fer (AGC)  
 European Agreement on Important International Combined Transport Lines and Related Installations (AGTC)  
 Accord européen sur les grandes lignes de transport international combiné et les installations connexes (AGTC)

**Electronic Inventory of standards and parameters of the AGC and AGTC Agreements**  
**Inventaire électronique des normes et paramètres dans les accords AGC et AGTC**

Map of AGC and AGTC networks  
 Carte des réseaux AGC et AGTC

The inventory provides information on the performance of the pan-European rail (AGC) and combined transport (AGTC) networks and shows the degree of compliance with the infrastructure standards stipulated in the AGC and AGTC Agreements.  
 L'inventaire fournit des informations sur l'exploitation des réseaux ferroviaires et de transport combiné pan-européens contenus dans les accords AGC et AGTC et montre le degré de conformité avec les normes d'infrastructure définies dans les accords AGC et AGTC.

Use the form below to build a report on existing infrastructure standards for a chosen railway or combined transport line. Any number of available parameters can be included in the report.  
 Utiliser le formulaire ci-dessous pour établir un rapport sur les normes d'infrastructure pour une ligne de chemin de fer ou de transport combiné donné. Le nombre de paramètres disponibles pouvant être introduits dans le rapport n'est pas limité.

I. Choose a railway or combined transport line (refer to the above map)

UNECE - Transport Division - Intermodal Transport and Logistics (WP.24) - Microsoft Internet Explorer

Address: http://unece.unog.ch/wp24/report\_manual.aspx

The chart below presents existing standards and parameters for your chosen railway or combined transport line. Details of the AGC/AGTC targets for each parameter can be accessed by clicking on the p simply click on the icon to generate the bar chart.

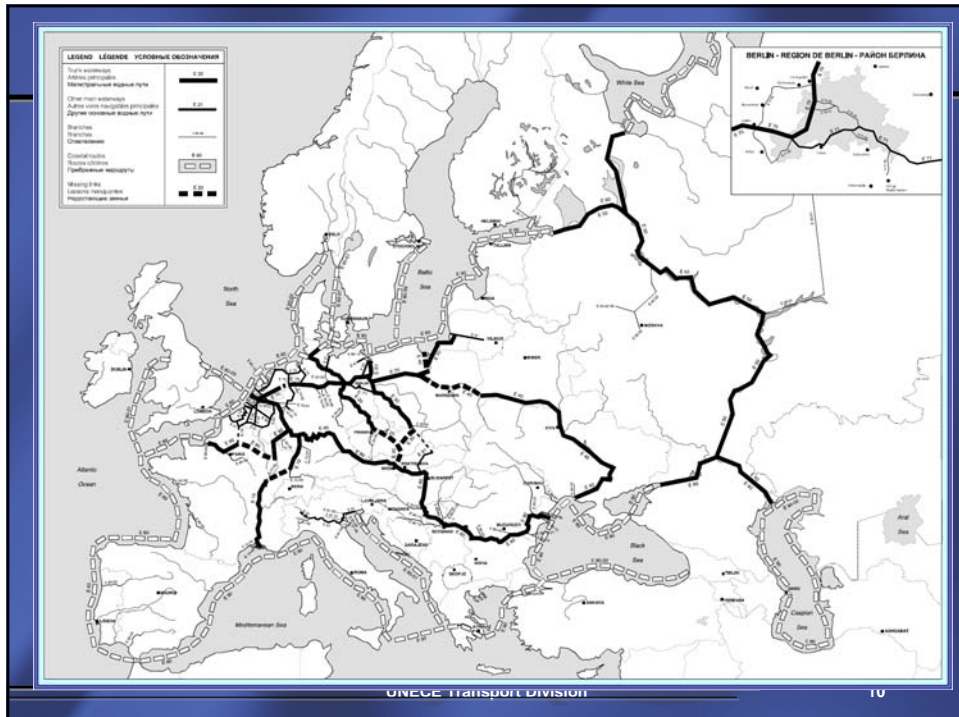
Railway Line: C-E 20

Country	Section of Line	Number of tracks	Loading gauges	Minimum distance between track centres	Nominal minimum speed	Authorized mass per axle - Rail cars and rail motor cars	Authorized mass per axle - Freight cars	Authorized mass per axle - Wagons	Authorized mass per linear meter	Maximum gradient	Minimum platform length per station
Belgium	(Dover -) Oostende - Bruxelles - Liège (- Aachen)	2	3	3.5	140	22.5	19	19	22.5	8	33
Germany	(Liège -) Aachen - Stolberg	2	-	3.5	160	22.5	22.5	22.5	22.5	8	27
Germany	Stolberg - Köln - Duisburg - Dortmund - Hannover - Helmstedt	2	-	3.5	160	22.5	22.5	22.5	22.5	8	12
Germany	Helmstedt - Berlin (Seddin) - Frankfurt (O) (- Künowice)	2	-	3.5	160	22.5	22.5	22.5	22.5	8	10
Poland	(Frankfurt/O -) Rzepin	2	3	3.96	120	22.5	17	16	20	0	9.4
Poland	Rzepin - Poznan	2	3	3.98	120	22.5	17	16	20	0	7.4
Poland	Poznan - Lowicz	2	3	3.98	140	22.5	17	16	20	0	10.5
Poland	Lowicz - Warszawa	2	3	3.75	130	22.5	17	16	20	7.2	17.4
Poland	Warszawa - Luków	2	3	3.7	120	22.5	17	16	20	7.2	12
Poland	Luków - Terespol (- Brest)	2	3	3.96	120	22.5	17	16	20	7.2	6.1
Poland	Lowicz - Skiermiewice	2	3	4	100	22.5	17	16	20	7.2	3.6
Poland	Skiermiewice - Pilawa	2	3	3.9	70	22	17	16	20	7.2	6.3
Poland	Pilawa - Luków	2	3	3.72	70	22	17	16	20	7.2	7
Belarus	(Terespol -) Brest - Minsk - Orsha (- Krasnoye)	2	2	4	90	22.5	17	16	20	0	35
Russian Federation	(Orsha -) Krasnoye - Smolensk - Moskva - Nizhny Novgorod	2	-	4.1	90	23	16	16	22	5.4	6
Russian Federation	Nizhny Novgorod - Ekaterinburg	2	-	4.1	90	23	16	16	22	5.4	6
Russian Federation	Ekaterinburg - Tumen - Omsk	2	-	4.1	90	23	16	16	22	5.4	6
Russian Federation	Ekaterinburg - Tumen - Kurgan - Petukhovo (- Mamiyutka - Petropavlovsk - Kara - Guga -) Isikul - Omsk	2	-	4.1	90	23	16	16	22	5.4	6
Russian Federation	Omsk - Novosibirsk - Krasnoyarsk - Tayshet - Irkutsk - Ulan - Ude	2	-	4.1	90	23	16	16	22	5.4	6
Russian Federation	Ulan - Ude - Zaudinsky	2	-	4.1	90	23	16	16	22	5.4	6
Russian Federation	Ulan - Ude - Naushki (- Sukhe-Bator)	2	-	4.1	90	23	16	16	22	5.4	6



## 4. The E inland water network agreement (AGN), 1996

- Ratified by 13 UNECE countries, AGN aims to develop a coherent network of IWW
- Identifies relevant routes, E ports, technical and operational parameters
- Extends from Western and Central Europe to Southeast and Eastern Europe
- Density and parameters of the AGN waterways and ports uneven



## **5. The Vienna Convention on Road Traffic (1968)**

- Facilitates international road traffic in 67 countries
- And enhances road safety
- Through uniform rules for drivers and other road users
- And for road vehicles

## **A Systems Approach to Road Safety**

- Firstly, the driver and perhaps the most difficult to influence (behavioural rules)
- Secondly, the vehicle (registration, technical and inspection requirements)
- Finally, the infrastructure (road signs and markings, traffic light signals)

## **6. The Convention on Road Signs and Signals (1968)**

- Improves road safety: over 200 internationally agreed road signs & signals in 56 countries
- 3 categories of signs: danger warning, regulatory, informative
- Norms concerning shapes, dimensions, colours
- Norms for traffic lights, road markings, road works and level-crossings signs

## **Recent Amendments (28 March 2006)**

- New measures to enhance the safety and mobility of cyclists
- Use of handheld mobile phones prohibited while driving
- Improved visibility and legibility of signs
- Greater harmonization of domestic driving permits

## 7-8. Supplementary European Agreements (1971)

- Stricter road safety and vehicle registration norms
- E.g. maximum alcohol level in blood 0.5 mg per litre (since 28 March 2006)
- Supplementary agreement on road traffic adopted by 31 UNECE member states
- Supplementary agreement on road signs and signals adopted by 29 UNECE member states

## 9. European Agreement concerning the Work of Crews of Vehicles engaged in International Road Transport (AETR), 1970

- Ratified by 47 countries, AETR enhances road safety and fair competition
- Uniform rules for crews of trucks and buses engaged in international transport
- Regulates rest stops, working time, etc.
- Monitors compliance (digital tachograph compulsory from May 2006 in the EU, by 2010 on all new vehicles subject to AETR rules)



## 10. Convention on the Contract for the International Carriage of Goods by Road (CMR), 1956

- Ratified by 51 countries to date
- Uniform waybill for international road shipments
- Fixes carrier's liability (loss of goods, delays)
- Simplifies border-crossing formalities and reduces transaction costs

## 11. The TIR Convention (1975)

- Ratified by the EU and 66 countries, TIR facilitates effectively international road transport
- Simple and secure international transit transport of goods
- No controls at intermediate borders (with some exceptions)
- Implemented by customs authorities in co-operation with transport operators

## **12. Convention on the Harmonization of Frontier Controls of Goods (1982)**

- Facilitates the passage of goods at frontiers
- Ratified by the EU and 47 countries
- Co-ordination among the responsible border services within each country
- Co-ordination between controls on each side of the border, including joint controls

## **13. Agreement on the Carriage of Dangerous Goods by Road (ADR), 1957**

- Ratified by 42 countries
- Assures safe transport of dangerous cargoes by road
- Uniform rules for vehicle equipment and signs
- Also uniform operator training rules

## ADR Benefits

- High level of safety and security
- Mutual recognition of certificates
- Facilitates transport and trade of dangerous goods
- Harmonization with other transport mode regulations (air, rail, maritime inland waterway transport)

## 14. Agreement on the Carriage of Perishable Foodstuffs (ATP), 1970

- Harmonized standards for preserving the quality of food, adopted by 42 countries
- Refrigerating equipment must be certified
- Reciprocal recognition of national certificates
- Facilitates international trade in perishable foodstuffs

The background of the slide is a dark blue square with a faint, light blue watermark of the United Nations logo. The logo consists of a world map centered on the North Pole, surrounded by a laurel wreath. The text is overlaid on this background.

**Thank you for your attention!**

Detailed information (incl. English, French and Russian versions of international transport agreements and conventions) is available on the UNECE Transport Division website:

[www.unece.org/trans](http://www.unece.org/trans)