

# 4<sup>th</sup> Florence Intermodal Forum: Digitalisation and transport



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Fiesole, 29 February 2016

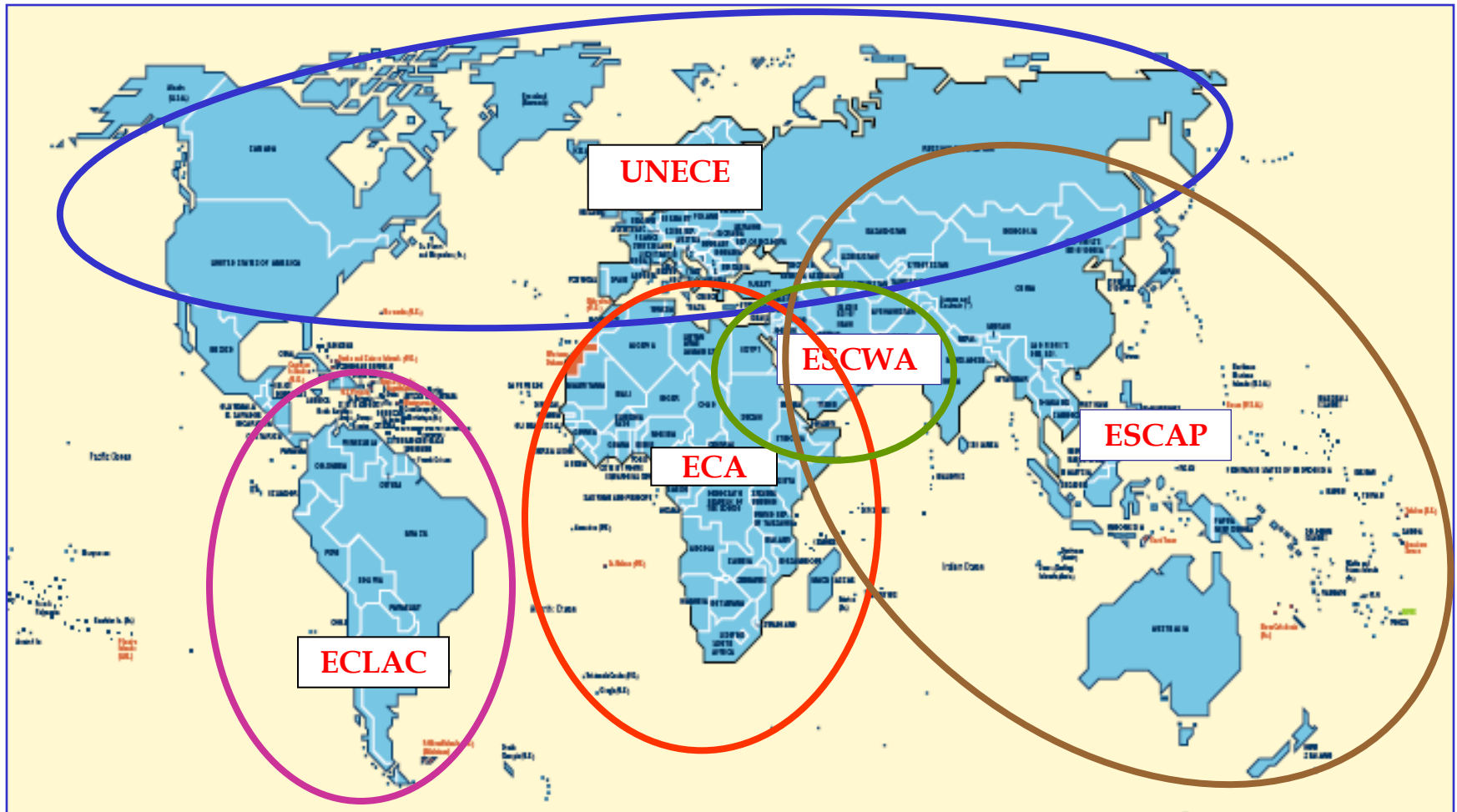


# Structure of presentation

- **Role and functions of UNECE**
- **How what we do contributes to intermodal competitiveness through the use of technology and innovation**



# 5 Regional Commissions of the UN System



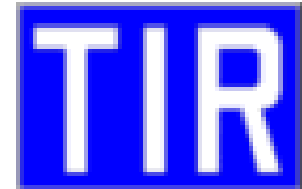
# Visible signs of UNECE transport activities



European E-Roads



Transport of dangerous goods



Customs transit system



Vienna Convention

**CMR Convention**



**Green Card**

Motor Vehicle Insurance System

**E2**

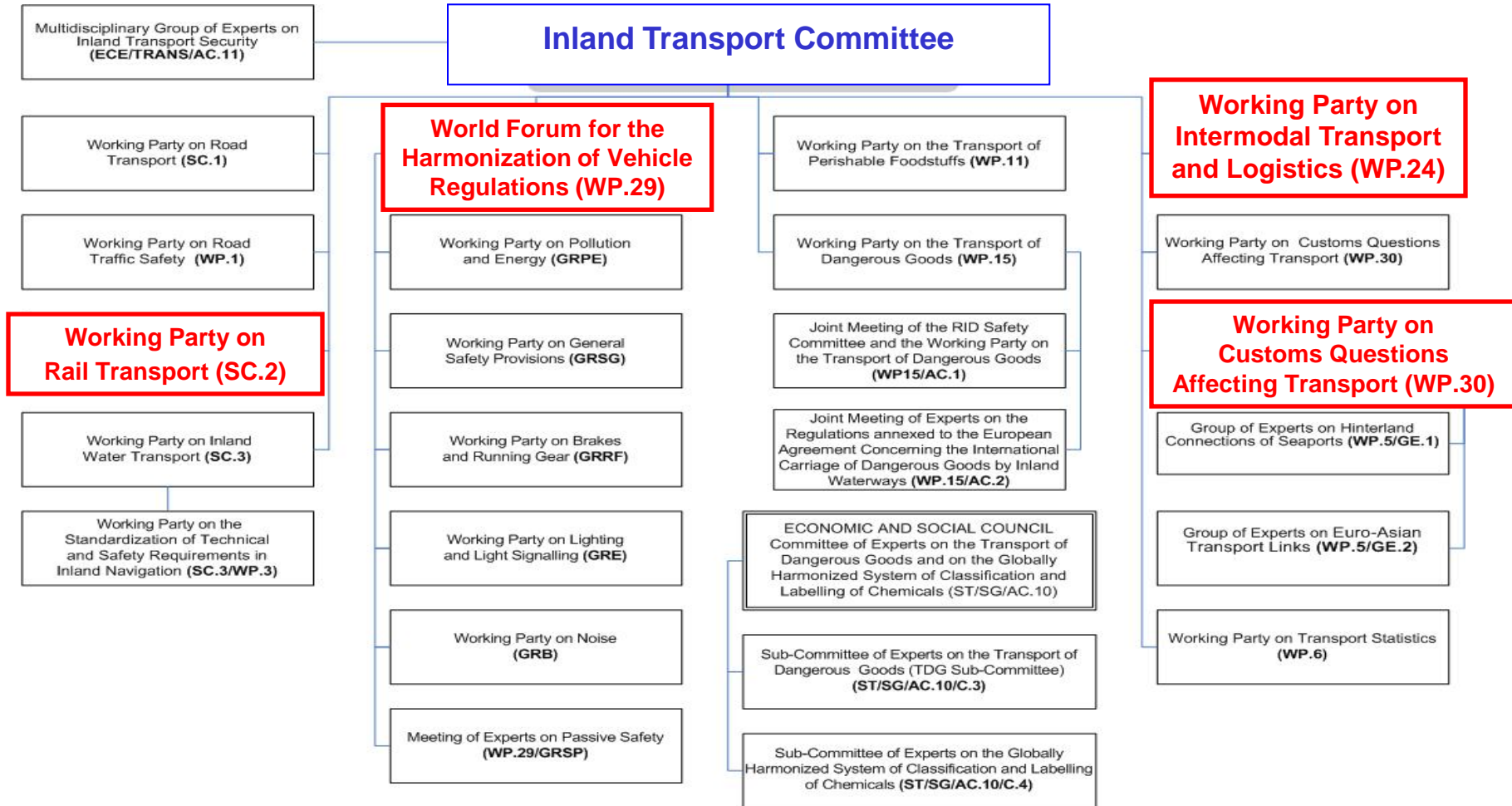
World Forum for Harmonization  
of Vehicle Regulations (WP.29)

**International Driving Licence**

Vienna Convention



# Governmental structure serviced by UNECE Sustainable Transport Division



# UNECE and intermodal competitiveness



European Agreement on Main International Railway Lines (1985) - **AGC**

European Agreement on Important International Combined Transport Lines and Related Installations (**AGTC**)

- Network infrastructure standards
- Performance parameters &
- Benchmarks for trains & infrastructure

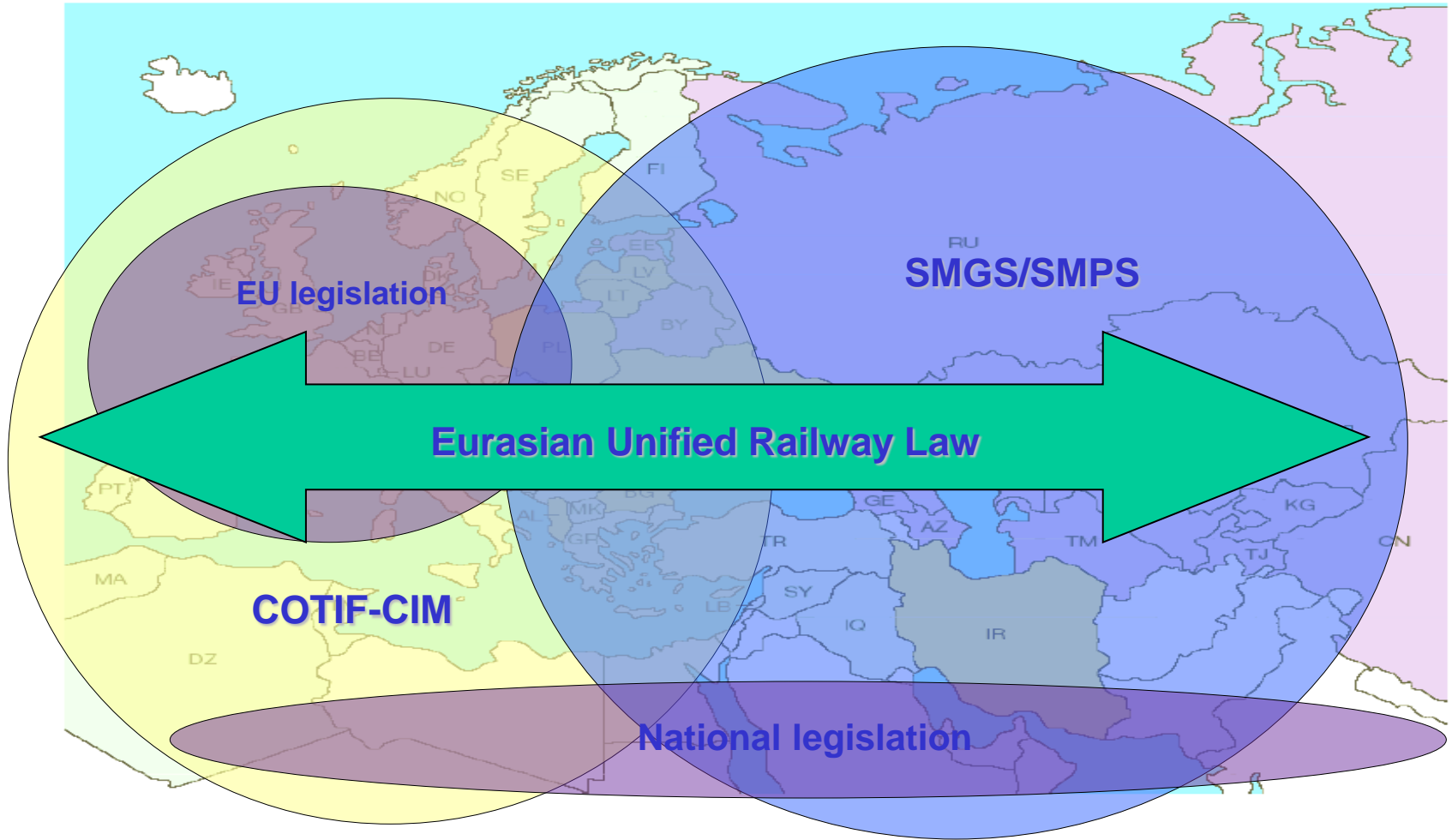




# The AGC (and AGTC) network



# Unified Railway Law





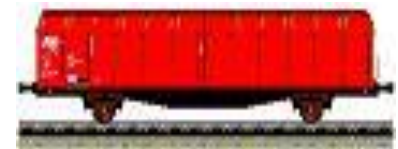
# Unified Railway Law



## International rail freight potential

- Land bridge between Europe, Asia and Middle East
  - Trans-Siberian railway (Russian Federation-China (Mongolia))
  - Rail corridors to Central Asia (Kazakhstan-Turkmenistan-Uzbekistan)
  - Railway links via Turkey (Asia (Pakistan), Central Asia and the Middle East)
- North-South rail corridors (Baltic States, Belarus, Russian Federation, Ukraine, Turkey)

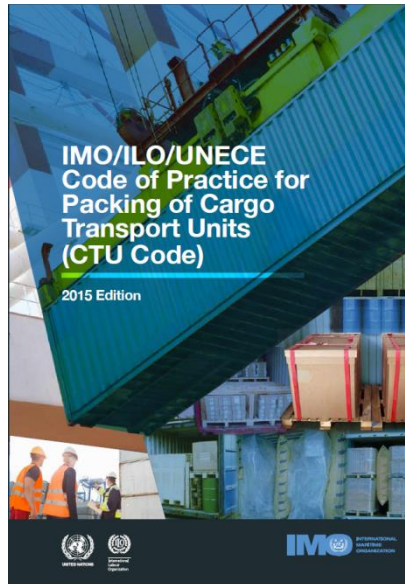
But, there is no level playing field among transport modes



# Intermodal Transport - CTU Code

## IMO/ILO/UNECE Code of Practice for Packing of Containers - CTU Code -

Not mandatory - but may become part of cargo insurance contracts  
Available in all official UN languages



[www.unece.org/trans/wp24/guidelinespackingctus/intro.html](http://www.unece.org/trans/wp24/guidelinespackingctus/intro.html)

# Intermodal Transport - National policies

Exchange best practice on national intermodal policies

Regular update of the online database

Work ongoing on:

- Analysis of freight forwarders market
- Review of intermodal terminals and their functioning
- Preparation of guidelines on the development of national freight and logistics plans

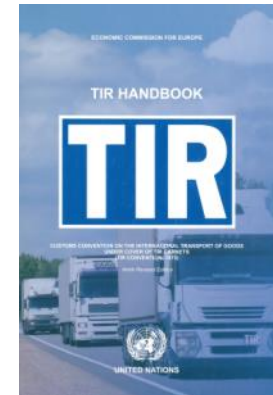
Workshop on “Intermodality leads to Sustainability” @  
WP.24 session - November 2015.



# The **TIR** transit system

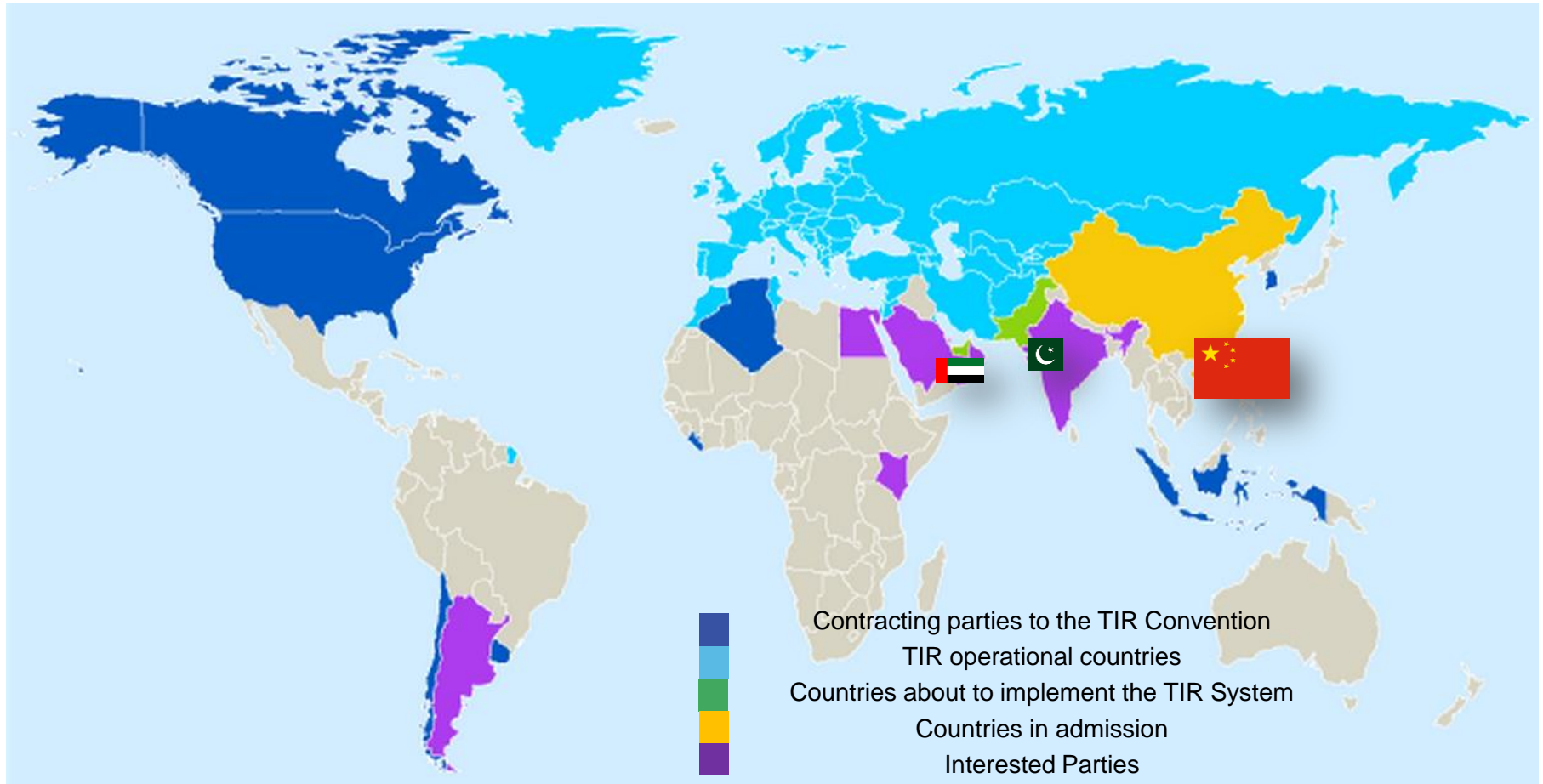
*... the global transit system*

- An important **facilitation instrument** for intrantational trade and transport
  - Based on the **TIR Convention, 1975**
  - **69 Contracting Parties**
  - **Intermodal**



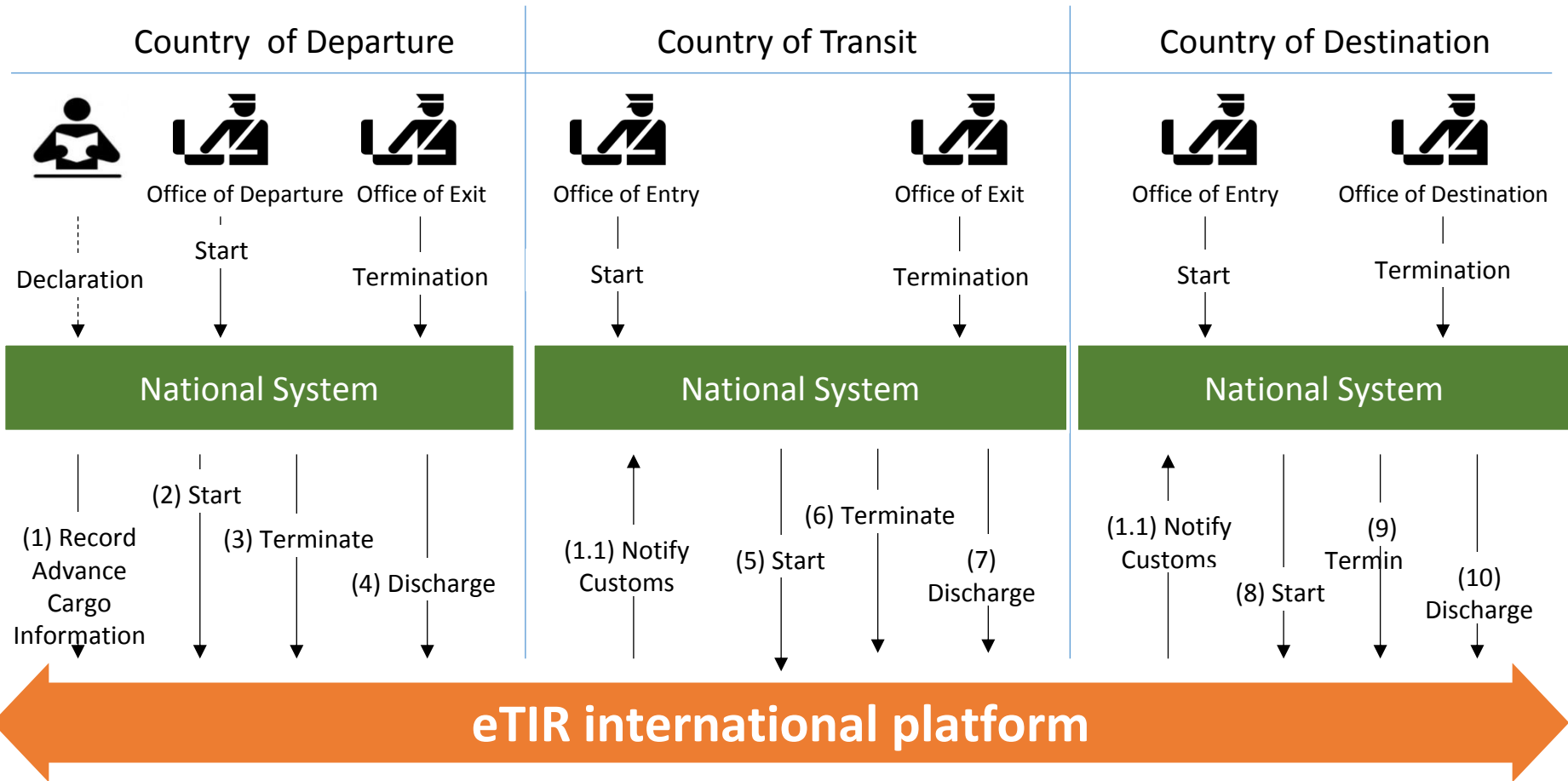


# TIR geographical scope





# - The project



TRANSPORT





# Main activities in ITS (1)

*AEB demo together with Global NCAP and ADAC @ UNECE*



## UNECE/ITU: The Future Networked Car

*The symposium examined advances in the area of connected vehicles, from the perspectives of business, technology and regulation*

France - UNECE joint conference

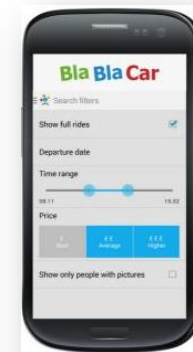
*The conference reviewed ITS solutions for addressing climate change*



Traditional ITS  
e.g. in China



Door-to-door  
e.g. SNCF IDpass



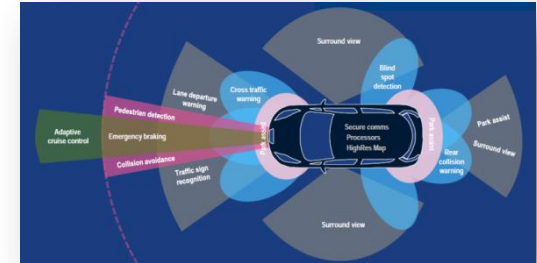
Car sharing  
e.g. BlaBlaCar



# Main activities in ITS (2)

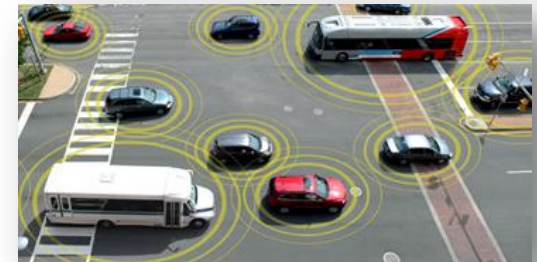
- ITS across all inland transport modes and their infrastructures

- “Automated vehicles” and new mobility concepts
- UNECE promoted activities on ITS, across all transport modes and their infrastructures



- Automated vehicles

- Various technologies are now available
- Technical regulatory action on-going - requested by the industry



- Example - Connected vehicles

- Fragmented policies: e.g. V2V in the USA, C-ITS in the EU.
- The industry called for policy harmonization
- Coordination of work on consensus based standards needed



# UNECE transport information

- Working Party on Rail Transport**  
<http://www.unece.org/trans/main/sc2/sc2.html>
- Working Party on Intermodal Transport and Logistics**  
<http://www.unece.org/trans/wp24/welcome.html>
- World Forum for the Harmonization of Vehicle Regulations (WP.29)**  
<http://www.unece.org/trans/main/welcwp29.html>
- Working Party on Customs Questions Affecting Transport (WP.30)**  
<http://www.unece.org/trans/bcf/welcome.html>

You are cordially invited to  
 The Transport Policy segment of the 78<sup>th</sup> annual session of the UNECE **Inland Transport Committee** on  
**“Innovations for sustainable inland transport with special attention to Information and Communication Technologies”**  
 23 February 2016  
 11h00 – 17h30  
 Salle XII  
 Palais des Nations, Geneva

Opening of ITC & Launch of the Study on “Transport for Sustainable Development: the Case of Inland Transport”, prepared by the five United Nations Regional Commissions, IRU and UIC, led by UNECE

11.00 – 11.20  
 Mr. Christian Fris Bach, Executive Secretary, UNECE  
 Mrs. Eva Molnar, Director, Sustainable Transport Division, UNECE  
 Mr. Jean-Pierre Loubinoux, Director General, UIC  
 Mr. Umberto De Pretto, Secretary General, IRU  
 Mr. Russell Shields, Moderator of policy segment, Chair (gomi); Board Member World ITS Congress; founding Board Member ITS America; Chair of the ITU organized Collaboration on ITS Communications Standards

**Session I**  
 Access for all: The role of Governments in harnessing the full potential of transport innovations

From vision to reality: Dutch EU Presidency priorities on sustainable mobility and synergies with the work of the Inland Transport Committee and UNECE  
 11.20 – 11.40  
 Mr. Bart van Bolhuis, Director for International Affairs at the Dutch Ministry of Infrastructure and the Environment  
 Accessible Mobility: Why improved accessibility for eight impaired sustains universal functionality  
 Prof. Elmar Fürst, Institute for Transport and Logistics Management, Vienna University of Economics and Business  
 11.40 – 12.30  
 Government Interventions and Discussion  
 12.30 – 14.30  
 Break

**Session II**  
 Connecting the dots: Connectivity and access for tomorrow’s passenger mobility

Public Transport in the changing urban mobility landscape  
 Mr. Alain Flausch, Secretary General, UITP  
 14.30 – 15.00  
 Big data: turning crowd-sourced data into actionable insights for improved mobility management  
 Mr. Leon Rizzi, VP Sales EMEA, INRIX  
 SNCF as shared mobility integrator  
 Mr. Hervé Richard, Director “Door to Door” SNCF  
 15.00 – 15.40  
 Government Interventions and Discussion  
 15.40 – 16.10  
 Break

**Session III**  
 Connecting the dots: Connectivity and access – the logistics dimension

New railway base tunnels in Switzerland: improving logistics between the dots in Europe  
 Mr. Peter Füglistaler, Director, Swiss Federal Office of Transport  
 16.10 – 16.40  
 Use of telematics in the transport of dangerous goods  
 Mr. Claude Flauvadel, Chef de la Mission du Transport des Matières Dangereuses, MEDDE and Chair of WP.15/AC.1  
 Towards Sustainable Distribution in Nestlé  
 Mr. Wim Van Geffen, Nestlé Global Head of Physical Distribution  
 16.40 – 17.20  
 Government Interventions and Discussion  
 17.20 – 17.30  
 Moderator’s conclusions



**Thank you for your attention**

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