

**Economic Commission for Europe**

**Inland Transport Committee**

**Working Party on the Transport of Dangerous Goods**

**Joint Meeting of the RID Committee of Experts and the**

**Working Party on the Transport of Dangerous Goods**

Bern, 14–18 March 2016

Item 6 of the provisional agenda

**Reports of informal working groups**

**4 January 2016**

**Report of the informal working group on telematics  
(Bordeaux, 6 – 8 October 2015)**

**Presentations made during the workshop – ITS activities at UNECE  
and ITC**

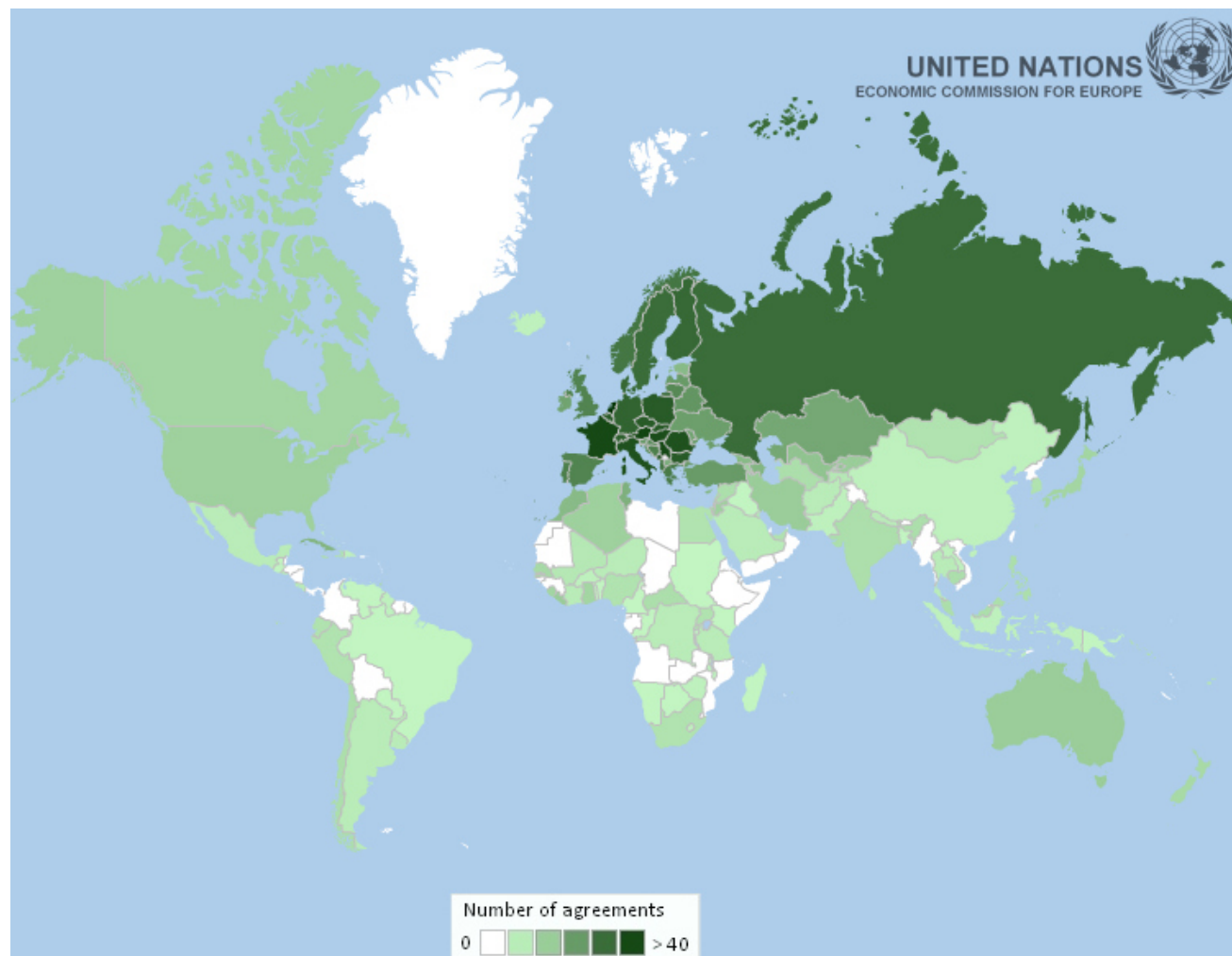


**Bordeaux, October 2015**  
**Workshop on the use of telematics**  
**for Dangerous Goods Transport**

**ITS activities of UNECE ITC**

**Eva Molnar – Walter Nissler – Francois Guichard**  
**UNECE, Sustainable Transport Division**

# Centre of UN Transport Conventions



# UNECE Sustainable Transport Division

- **SAFE AND SECURE**
- **ENVIRONMENTALLY FRIENDLY**
- **EFFICIENT**
- **COMPETITIVE TRANSPORT**

- **REGULATORY**
- **ANALYTICAL**
- **CAPACITY BUILDING**
- **POLICY DIALOGUE**

- **INLAND TRANSPORT (ROAD, RAIL, INLAND WATER, INTERMODAL - INFRASTRUCTURE AND SERVICES)**
- **TRANSPORT OF DANGEROUS GOODS**

- **NATIONAL**
- **REGIONAL**
- **INTER-REGIONAL**
- **GLOBAL**

**With impact on daily life of people and businesses**

# Trend drivers for future mobility



## Global mega-trends (7)

e.g. combined impact of demographic changes, urbanisation and political power shifts

## Technological innovations

e.g. ITS may lead to institutional changes in transport sector management

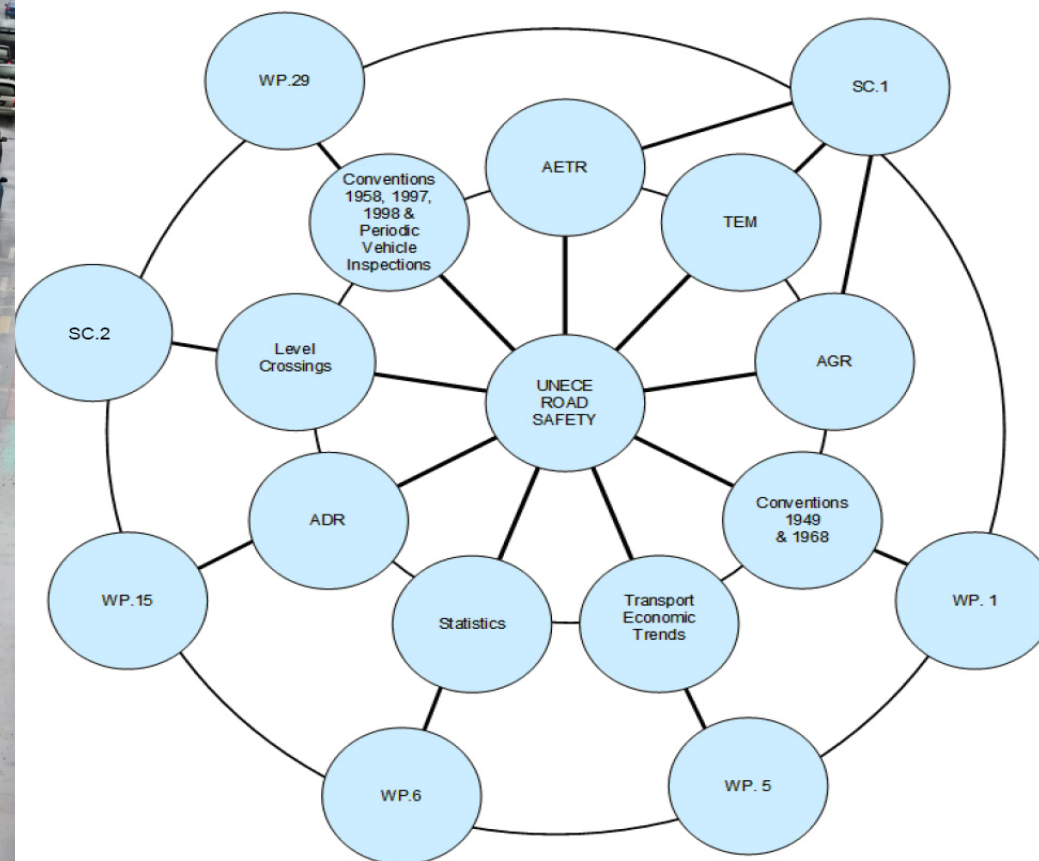
## Global policy considerations

e.g.

- SDGs
- UN Decade of Road Safety
- Climate Change mitigation – COP21

 **SUSTAINABLE DEVELOPMENT GOALS**

# Responses to the Road Safety Crisis



# UNECE strategy on ITS

## Publications

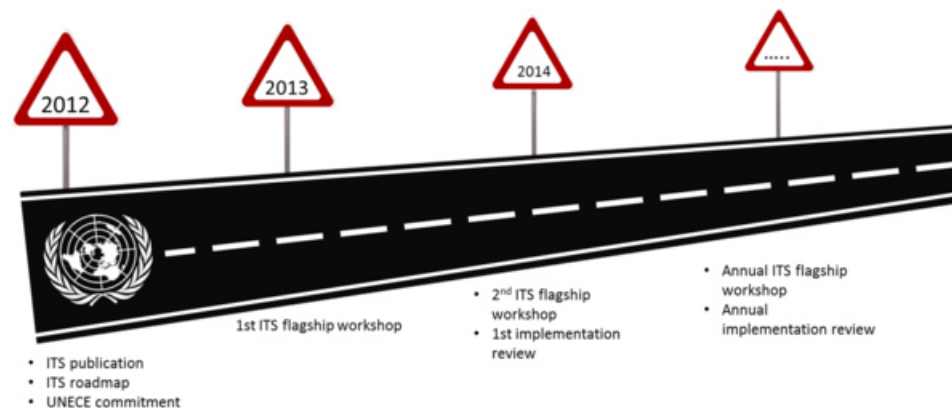
ITS for sustainable mobility [PDF](#) 

This UNECE publication contains:

- a background document,
- a strategic note and,
- the UNECE road map on ITS.



## IMPLEMENTATION OF UNECE ITS ROAD MAP



### Annual ITS flagship workshops

- **2015:** Joint FRANCE - UNECE workshop on ITS for Sustainable Mobility and the Mitigation of Climate Change.  
7 October, Bordeaux, France.
- **2014:** Joint BELGIUM - UNECE workshop on ITS: "Towards a new transportation culture: technology innovations for safe, efficient and sustainable mobility".  
17 and 18 November, Brussels, Belgium.
- **2013:** Joint ITU/UNECE Inland Transport Committee (ITC) workshop.  
27 June, Geneva, Switzerland.
- **2012:** Round Table on ITS for sustainable mobility.  
28 February, Geneva, Switzerland.

### Annual implementation review

UNECE annually review the ITS road maps implementation

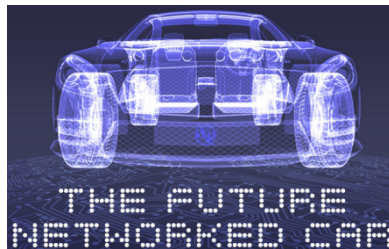
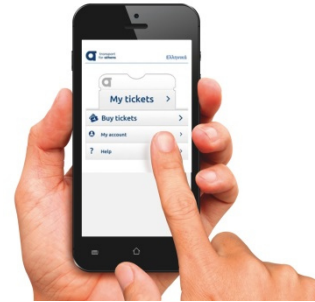
- 2015 [PDF](#) 
- 2014 [PDF](#) 



# Main UNECE activities on ITS in 2015

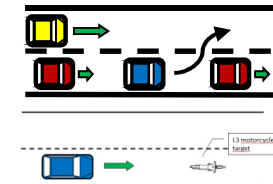


- 77<sup>th</sup> ITC Policy segment



- ITU-UNECE Symposium on The Future Networked Car

- IWG on Automatically Commended Steering Functions



- 2015 France-UNECE ITS Workshop in Bordeaux

# ITC Working Parties in 2015 and ITS

- Working Party on Inland Water Transport (SC.3)
  - Worked on ITS applications e.g. on pan-European River Information Services (RIS).
- The Working Party on the Transport of Dangerous Goods (WP.15)
  - RID Committee and WP.15 (telematics IWG) continued its work on ITS
- Working Party on Road Traffic Safety (WP.1)
  - Worked on the Vienna Conventions to sure that safety rules do not hamper the dissemination and use of ITS
- The Working Party on Braking and Running Gear (WP.29/GRRF)
  - Worked on vehicle automation such as “Platooning”, “valet parking” and “highway autopilot”
- The Working Party on General Safety (WP.29/GRSG)
  - Worked on AECS (eCall) – the first regulation on telematics in the automotive sector
- The World Forum on Harmonisation of Vehicle Regulations (WP.29)
  - Provide guidance to the IWG on ITS/AD as well as to GRRF and GRSG

# RID/ADR/ADN Joint Meeting informal Working Group on Telematics



## Aim

- Delivering an interoperable system of transport telematics for safe/secure inland transport of dangerous goods;
- Use electronic transport information for conveying information on dangerous goods carried, currently required in paper transport document;
- Introduce binding requirement in RID/ADR/ADN for use of electronic information;
- Improve alerting public agencies (fire brigade/police) through permanent availability of information and connection with means of positioning;
- Other applications could be developed at later stage (e.g. in relation to security, passage of tunnels, etc.).

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## What remains to be done?

- Put in place in Europe a central information management service;
- Define which government bodies may take part in the exchange of information and to what extent;
- Select the relevant applicable standards/IT solution, or possibly develop new EN standards;
- Integrate existing IT applications or those being developed (TAF TSI, eCall, RIS) into the system architecture;
- Implement national/international pilot projects.

# ITC 2016



ITC support to ITS to continue:

- Policy segment:

- One day

- High level

-Theme:

„Innovations for Sustainable Development”

-Exhibition linked to the policy segment

You are all invited!

**Thank You!**