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

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

<table>
<thead>
<tr>
<th>Global mega-trends (7)</th>
<th>Technological innovations</th>
<th>Global policy considerations</th>
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| e.g. combined impact of demographic changes, urbanisation and political power shifts | e.g. ITS may lead to institutional changes in transport sector management | e.g.  
- SDGs  
- UN Decade of Road Safety  
- Climate Change mitigation – COP21 |
SUSTAINABLE DEVELOPMENT GOALS

1. NO POVERTY
2. ZERO HUNGER
3. GOOD HEALTH AND WELL-BEING
4. QUALITY EDUCATION
5. GENDER EQUALITY
6. CLEAN WATER AND SANITATION
7. AFFORDABLE AND CLEAN ENERGY
8. DECENT WORK AND ECONOMIC GROWTH
9. INDUSTRY, INNOVATION AND INFRASTRUCTURE
10. REDUCED INEQUALITIES
11. SUSTAINABLE CITIES AND COMMUNITIES
12. RESPONSIBLE CONSUMPTION AND PRODUCTION
13. CLIMATE ACTION
14. LIFE BELOW WATER
15. LIFE ON LAND
16. PEACE, JUSTICE AND STRONG INSTITUTIONS
17. PARTNERSHIPS FOR THE 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**
- **2014**
Main UNECE activities on ITS in 2015

• 77th 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 ensure 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
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.).
RID/ADR/ADN Joint Meeting informal Working Group on Telematics

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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!