ITS for sustainable mobility
UNECE’s role to promote Intelligent Transport Systems

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

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Agenda item 2.3
1. UNECE's vision on ITS

- Bring ITS to the policy makers agenda
- Filling the gaps and eliminate obstacles to the broader use of ITS, *because*
- UNECE believes that ITS are more than just technology, but a new culture
2. ITS for sustainable mobility

- ITS can be the solution to global problems:
  - Pollution, e.g. noise
  - Climate change mitigation
  - Public transport
  - Road Safety crisis
3. UNECE Research and Strategy

The gaps

- Political will
- Liability
- Data protection
- Frequency allocation
- Fragmentation of technical standards
- Interoperability
- Lack of common definition
- Lack of Infrastructure
- Lack of Harmonization

Global transport facts

- Transport growth reaches its limits
- Population and trade growth
- Urbanization
- Affordability
- Vulnerability of global supply chain
4. UNECE strategy package on ITS

- Background document
- Strategic note
- Road Map
5. The UNECE Road Map on ITS

- Action 1 Reaching common definition for ITS
- Action 2 Harmonising policies
- Action 3 Forging International cooperation
- Action 4 Facilitating interoperability and the ITS architecture
- Action 5 Ensuring data security
- Action 6 Scaling up the work on ITS in all Working Parties of the UNECE ITC
- Action 7 Promoting vehicle to infrastructure communication
- Action 8 Promoting vehicle to vehicle communication
- Action 9 Fighting the road safety crisis
- Action 10 Addressing the liability concerns
- Action 11 Harmonizing Variable Message Signs
- Action 12 Making Transport of Dangerous Goods less dangerous
- Action 13 Integrating with Rail Transport
- Action 14 Integrating with IWT
- Action 15 Enhancing the modal integrator’s role of ITS
- Action 16 Developing Cost-benefit assessment methodologies
- Action 17 Contributing to climate change mitigation
- Action 18 Launching analytical work
- Action 19 Contributing to capacity building, education and awareness raising
- Action 20 Organising the United Nations Annual Round Table on ITS
6. UNECE Working Parties already deal with ITS

- Liability
- Driver distraction
- Telematics
- River Information Systems
- In-vehicle ITS
7. UNECE commitment to promote ITS

- Cooperation
- Open and transparent dialogue
- Promotion of governance
- Global partner
- Best practice and platform for innovation
8. ITC Policy Segment 2012 on ITS

- Save the date:
- 28 February 2012, 15 - 18h
- Palais des Nations, Salle XII