



United Nations Economic Commission for Europe

Transport Division

Note by the secretariat

Informal document WP.29-155-24
(155th WP.29, 15 - 18 November 2011,
agenda item 2.3)

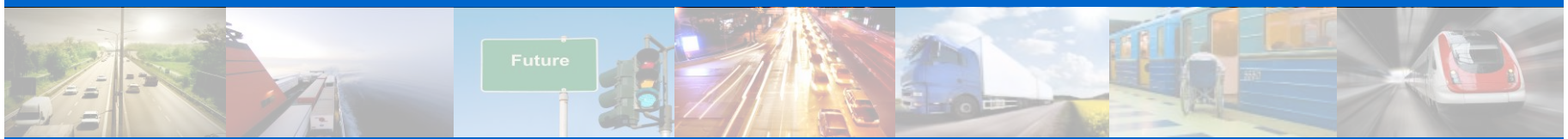
ITS for sustainable mobility

UNECE's role to promote Intelligent Transport Systems

Ms. Dörte Schramm

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

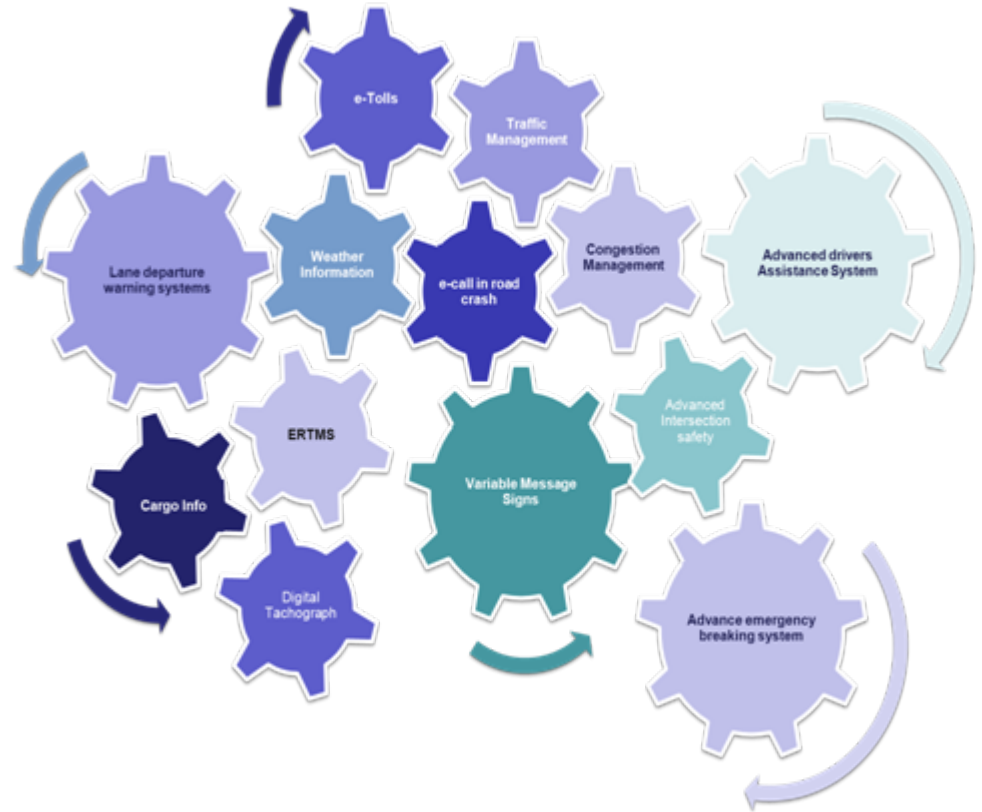
Geneva, 15 November 2011
Agenda item 2.3





1. UNECEs 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

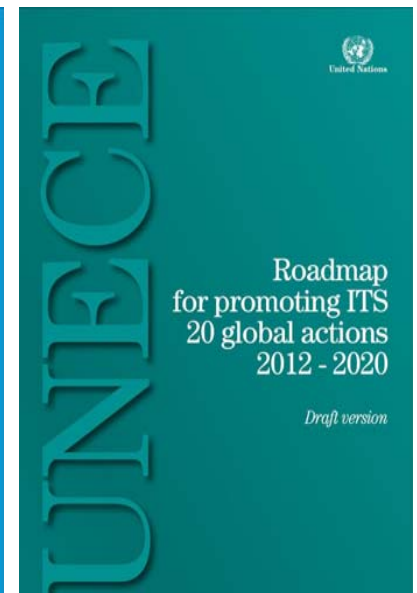
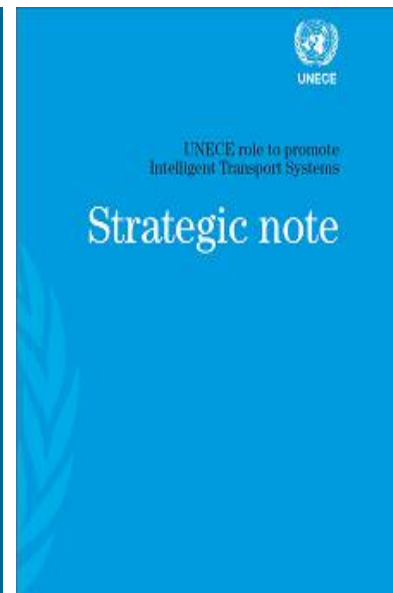
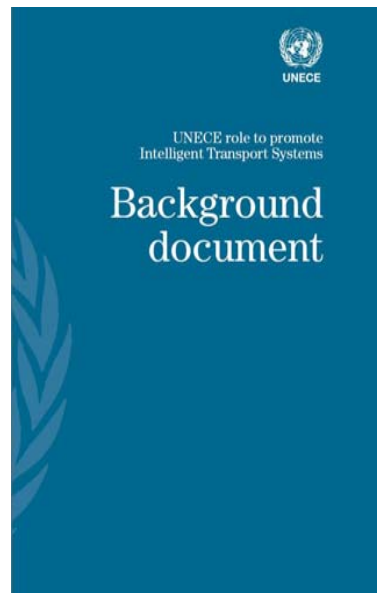
- Transport growth reaches its limits
- Population and trade growth
- Urbanization
- Affordability
- Vulnerability of global supply chain





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





Thank you for your attention



UNECE
Transport Division



Future

www.unece.org/trans