Intelligent Transport Systems for sustainable mobility
The United Nations commitment for change to deploy ITS globally

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Overview

1. UNECE - Center for International Transport Agreements
2. UNECE’s work and vision on ITS
3. UNECE’s strategy for ITS
4. UNECE’s commitment for change
1. UNECE - Center for International Transport Agreements

UN Transport Convention and Agreements per country
1.1. United Nations and sustainable mobility

- Secretary-General Ban Ki-Moon has put sustainable mobility high on the UN agenda
2. UNECE’s work and vision on ITS

- ITS can be the solution to global problems:
  - Pollution, e.g. noise
  - Climate change mitigation
  - Road Safety crisis
  - Transport growth
  - Urbanization, population growth
2.1. UNECE’s support for ITS

- Liability
- Driver distraction
- Telematics
- River Information Systems
- In-vehicle ITS
2.2. 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
3. UNECE’s strategy for ITS

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
3.1. UNECE strategy package on ITS

- Background document
- Strategic note
- Road Map
3.2. UNECE kick-off event

- 28 February 2012 in Geneva
- 143 participants from thirty-seven countries
- 35 international, non-governmental and ITS related organizations
- Global hub for ITS
- Harmonization
- Legal framework
- Policy-makers
4. UNECE’s commitment for change

20 Global Actions for UNECE to promote the use of ITS
1. Reaching a common definition on ITS.
2. Harmonizing policies.
3. Forging International cooperation.
4. Facilitating inter-operability and the ITS architecture.
5. Ensuring data security.
6. Scaling up the work on ITS in all Working Parties of the UNECE Inland Transport Committee (ITC).
7. Promoting vehicle-to-infrastructure communication.
8. Promoting vehicle-to-vehicle communication.
10. Addressing the liability concerns.
11. Harmonizing Variable Message Signs.
13. Integrating with Rail Transport.
15. Enhancing the modal integrator’s role of ITS.
16. Developing Cost-benefit assessment methodologies.
17. Contributing to climate change mitigation.
18. Launching analytical work.
19. Contributing to capacity building, education and awareness raising, with special attention to emerging economies.
4.1. UNECE’s commitment for change

- Global Partner for addressing inland transport issues
- Global forum
- Promotion of governance
- Capacity building
- Best practice and platform for innovation
- Leapfrogging
4.2. UNECE’s commitment for change

ITS must be mainstreamed into the policy framework - commitment to change is essential for success. UNECE is committed to facilitate that change.
Thank you for your attention