Intelligent Transport Systems (ITS) - beyond just being technology

Filling the gaps in ITS

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5th working meeting of the IRF Policy Committee on ITS
Stockholm, 9-10 March 2011
Why, what and how UNECE can work on ITS?

• What is UNECE
• So far achievements in ITS
• Current and future steps
• Know - share - act

Safe
Efficient
Green
ITS
• UN Regional Commission
• 57 countries
• Inland Transport Committee
• Working Parties with global outreach
• UNECE is the Centre of International Transport Agreements
• Where governments make decisions
Why UNECE can address ITS?

- Infrastructure agr’ts, planning
- Traffic rules
- Vehicle regulations
Contracting parties to the 1958 and/or the 1998 «Vehicle» Agreements

- The World Forum (WP.29)
- Global outreach
- Type approval of parts (present), of vehicles (future)
Revolutionary innovations supported by UNECE WP.29 regulations

- Electronic Stability Control Systems
- ABS
- Cruise Control
- On Board Diagnostic
- Adaptive Front-Lighting Systems
- Airbags
- Automatically commanded braking
- Cornering lamps
- Brake assist systems (BAS)
- Lane Departure Warning system (LDW) - controversial
Working Parties work already on ITS

- Variable message signs
- Who is in control of the vehicle
- UNECE ITS side event during ITF 2010
- Liability remains a problem
- WP.29 Informal Working Group on ITS
UNECE Research and Strategy

Research findings
- ITS is under-utilized
- Resistance to societal changes
- Lack of common definition
- Lack of Infrastructure
- Lack of Harmonization

The way forward - UNECE Strategy Package for ITS
- Background paper
- Strategic note
- Road Map
Strategic note - public consultation

- Draft for consultation
- Inland Transport Committee
- Key stakeholders
- Web-based
- UNECE Road Map on ITS
The possible Road Map

- Annual UNECE Roundtable on main ITS issues
- Capacity building workshops
- Working Party related tasks:
  - Vehicle to infrastructure communication
  - Vehicle to vehicle communication
  - Liability concerns (1968 Vienna Convention)
  - Variable Message Signs
  - International ITS architecture
- Overcome lack of harmonized policies
Thank you for your attention