



United Nations Economic Commission for Europe  
Transport Division

Informal document No. WP.29-153-23  
(153rd WP.29, 8-11 March 2011,  
agenda item 2.3)

# INTELLIGENT TRANSPORT SYSTEMS (ITS)

## UNECE role to promote ITS

Edoardo Gianotti  
ITS focal point of UNECE





## 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



## WP work and consultations started on ITS

- Variable message signs
- Who is in control of the vehicle
  - Round table during ITF 2010
  - Liability remains a concern



# UNECE Research and Strategy

## Research findings

- ITS is under-utilized
- Resistance to societal changes
- Lack of common definition
- Major initiatives against the tide
- Lack of enabling framework

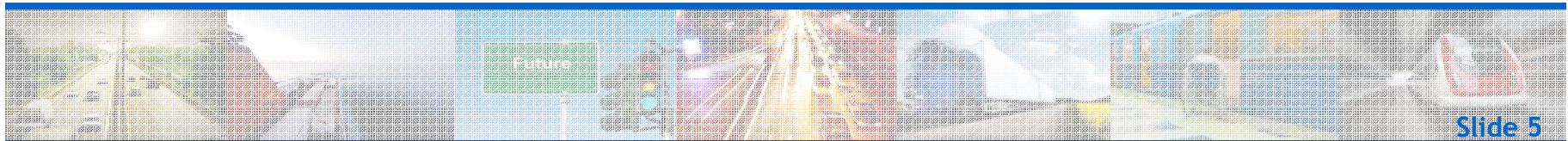
## The way forward - UNECE Package for ITS

- ✓ Background paper
- ✓ Strategic note
- ✓ Road Map



# Strategic note - public consultations

- Draft for consultation
  - Inland Transport Committee
  - Key stakeholders
  - Web-based
- To underpin the UNECE Road Map on ITS





## The Road Map (draft)

- 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

