



United Nations Economic Commission for Europe
Transport Division

FILLING THE GAPS IN INTELLIGENT TRANSPORT SYSTEMS (ITS)

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THE FULLY NETWORKED CAR

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Why, what, how UNECE can do for ITS?

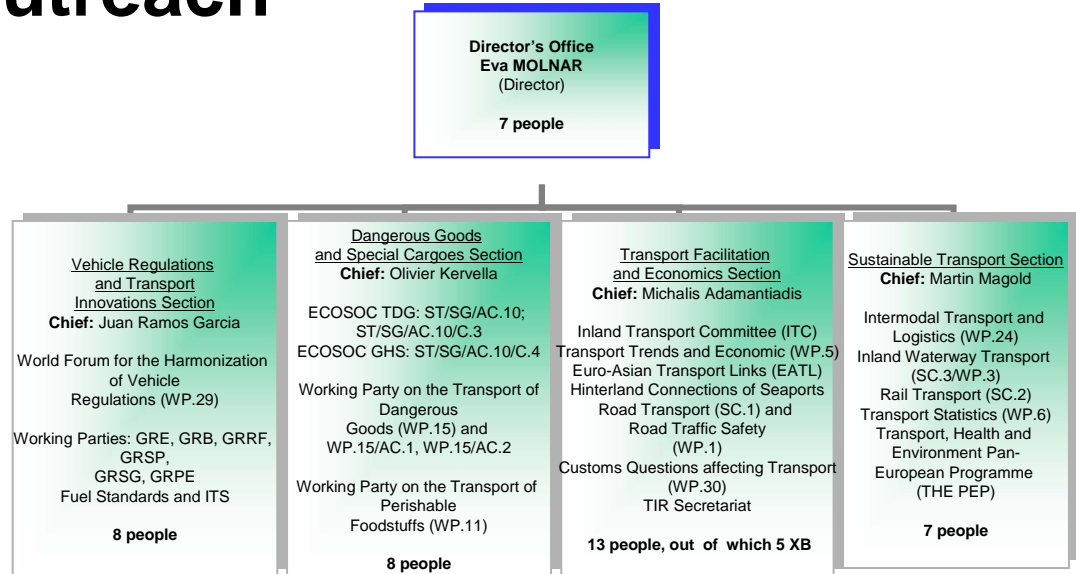
- What is UNECE
- So far achievements in ITS
- The way forward





- UN Regional Commission
- 57 countries
- Inland Transport Committee
 - with Working Parties
 - with global outreach

Centre of International Transport Agreements





Road Signs and Signals, 1949

Road Signs and Signals, 1968

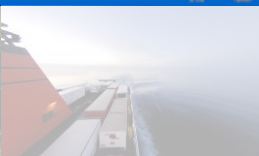
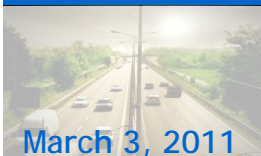
Why UNECE can address ITS?

- Infrastructure agr'ts, planning
- Traffic rules
- Vehicle regulations



Road Traffic, 1949

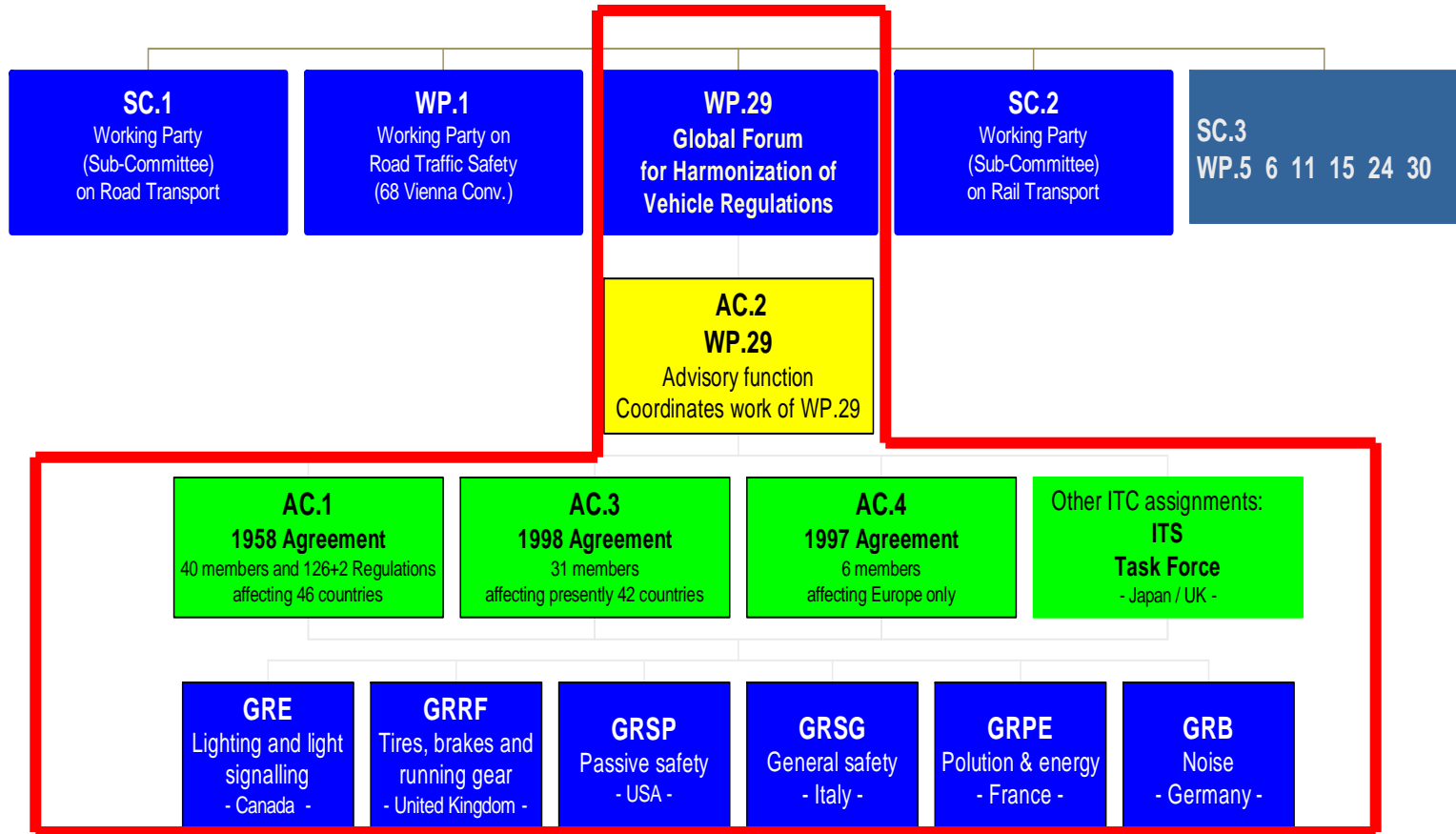
Road Traffic, 1968



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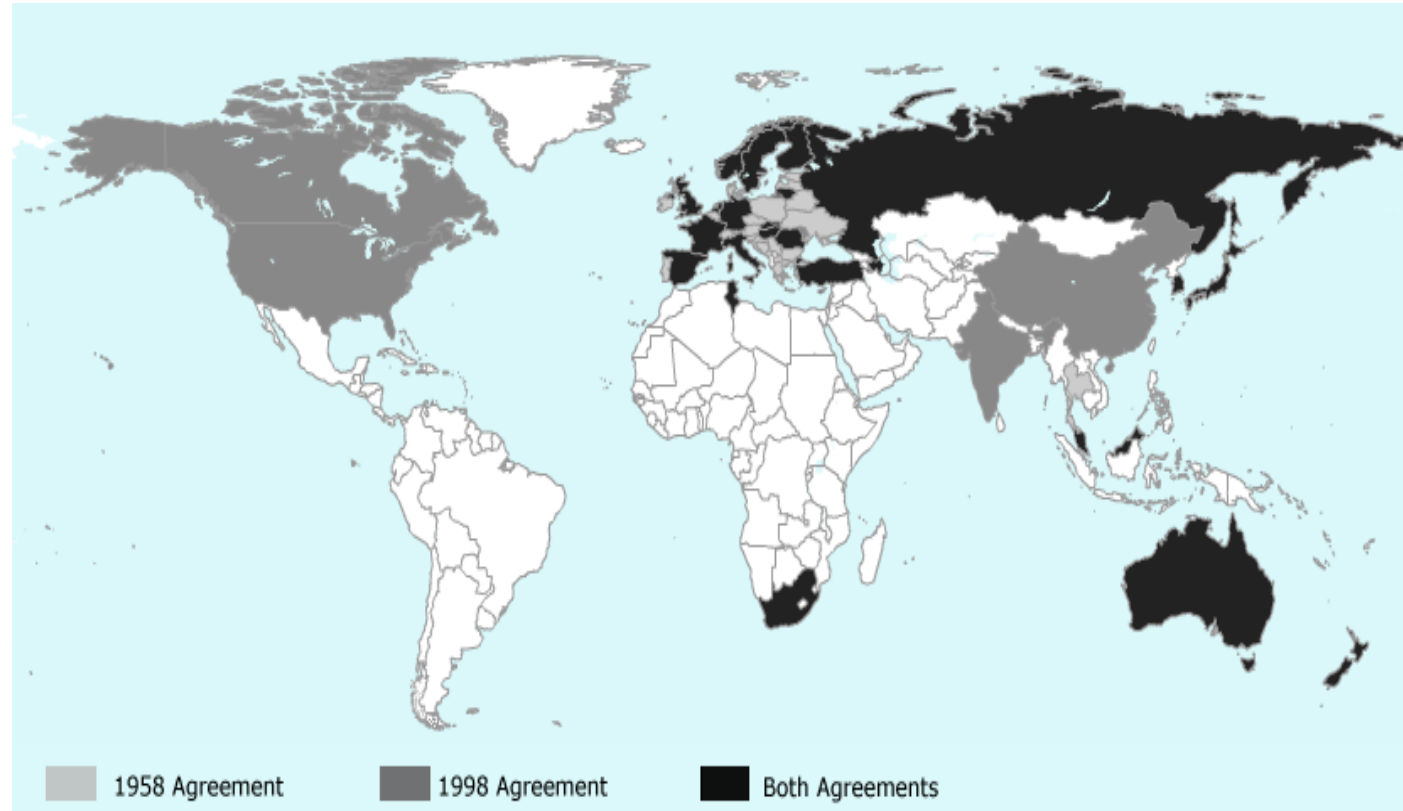
UNECE WPs where governments make decisions





Contracting parties to the 1958 and/or the 1998 « Vehicle » Agreements

- 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



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



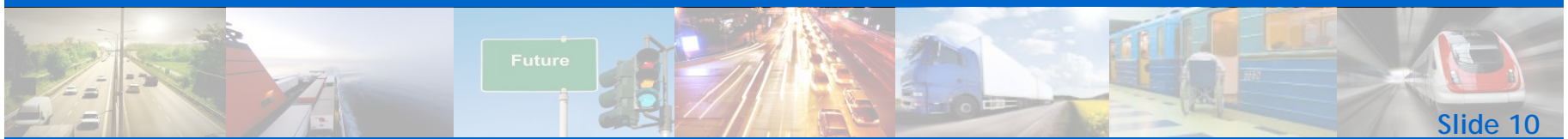


Strategic note - public consultations

- Draft for consultation
 - Inland Transport Committee
 - Key stakeholders
 - Web-based

http://www.unece.org/trans/events/2011/ITS_Public_Consultation.html

- 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

