Legal instruments on the construction of vehicles

- Structure and activities of the World Forum WP.29
- Legal instruments administered by WP.29
- Status of the Accession and upcoming Revision
- On-going and future activities

Romain Hubert @ UNECE Transport Division – VRTIS
Special session on Air Pollution and Transport – 2 July 2014
The WP.29 structure

Active Safety
- GRE & GRRF
  - Lighting and light-signalling
  - Brakes and running gear
- GRSP
  - Pedestrian protection
  - Head restraints
  - Child restraint
  - Truck cab strength

Passive Safety

General Safety
- GRSG
  - Safety of wheelchair users in buses & coaches
  - Glazing materials
  - Rear view mirrors

Environmental protection
- GRPE & GRB
  - Pollution and Energy
  - Noise

Committee for the 1958 Agreement (AC.1)
Committee for the 1998 Agreement (AC.3)
Committee for the 1997 Agreement (AC.4)
Committee for Coordination of Work (AC.2)

More than 40 non-permanent technical expert groups

2 July 2014
WP.29: a unique, transparent and worldwide forum

• No other organizations cover this area
• Agreements open to all nations of the UN
• Participation open to States, GO and NGOs, but:
  Decisions taken by Governments of CPs
WP.29 activities

- Emissions of pollutants and CO₂
- General safety
- Passive safety
- Noise
- Active safety
- Lighting and light signalling
Possible scenarios to green vehicles

WP.29 Round Table on Climate Change and Transport (June 2010): A possible strategy for climate change mitigation

By 2015: 30% increase in energy efficiency for all new advanced vehicle technologies

By 2025: New environmentally friendly vehicles (e.g. plug-in hybrid electric vehicles, hydrogen and fuel-cell vehicles)

By 2040: Full electric vehicles

-> Need for sustainable hydrogen and electricity
Environmental Protection

CO ≠ CO₂
CO = gaseous pollutant
CO₂ = greenhouse gas
WP.29 administers 3 Agreements

‘58 Agreement
Uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for *reciprocal recognition* of approvals granted on the basis of these prescriptions
(51 Contracting Parties, 134 UN Regulations)

‘98 Agreement
Establishing of Global Technical Regulations (GTRs) for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicle
(34 Contracting Parties, 14 UN GTRs)

‘97 Agreement
Uniform conditions for periodical technical inspections of wheeled vehicles and the reciprocal recognition of such inspections
(12 Contracting Parties, 17 signatories pending ratification, 2 UN Rules)
The Agreements

• Established by consensus
• The Depositary is the S-G
• Follow well-established UN legal procedures
• Open to all UN Member States and REIO
• No accession fee
• Amended as the needs arise
• Many non-ECE States are already Parties
• To become a Party, deposit an instrument with the S-G
WP.29: Contracting Parties (CP)
Upcoming Revision 3 to the 1958 Agreement: Objectives

- A CP applying a UN Regulation may issue type-approvals pursuant to earlier versions of the UN Regulation (i.e. pursuant to preceding series of amendments or the original version of the UN Regulation). However, other CPs applying the UN Regulation are be obliged to accept such type-approvals (ease accession by countries from emerging economies to join).

- All CPs applying a UN Regulation shall mutually recognize type-approvals granted according to the latest version of the UN Regulation (keep principle of mutual recognition).

- Insertion of the new scheme for the International Whole Vehicle Type Approval (IWVTA) into draft UN Regulation No. 0.

- Developing of a Database for the Exchange of Type Approval documentation (DETA) between all CPs (hosted with UNECE).

- Modified voting procedure and conditions (delegation of voting right to another CP; current consideration of 4/5 majority instead of 2/3 majority).
Upcoming Revision 3 to the 1958 Agreement: Next steps

WP.29 considered in June 2014:
• Draft Revision 3 to the 1958 Agreement
• Draft UN Regulation No. 0 on IWVTA

Remaining open issues to be clarified with OLA
Final consideration at WP.29 in November 2014

Adoption by WP.29 expected in March 2015

Entry into force expected in March 2016
The global ForFITS project and its follow-up:

- Develop a tool for the assessment of inland transport CO₂ emissions taking into account policy measures
- 3 year global project funded by UNDA
- Launched in January 2011. Successfully concluded end of 2013
- All 5 UN Regional Commissions involved
- Tool to assist governments establishing transport policy and mitigation strategies
- ForFITS tool freely available
- Raise global awareness for actions and measures needed for climate change mitigation and adaptation

- Canada willing to finance a follow-up project to include non-road mobile machinery (Cooperation Agreement)
WP.29
How It Works
How to join it?


THANK YOU FOR YOUR ATTENTION
romain.hubert@unece.org
1958 Agreement vs. 1998 Agreement:

<table>
<thead>
<tr>
<th></th>
<th>International standards (e.g. ISO)</th>
<th>UN GTRs (‘98 Agreement)</th>
<th>UN Regulations (‘58 Agreement)</th>
<th>National / regional legislations (e.g. EU Directives)</th>
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