The legal instruments administered by the World Forum for Harmonization of Vehicle Regulations (WP.29)

- Structure
- Legal instruments
- Status of the Accession and UN Regulations
- On-going and future activities

Romain Hubert at UNECE Transport Division – VRTIS
UN International Treaties Seminar in New York on 5 June 2014
The WP.29 structure

- **Active Safety**
  - Lighting and light-signalling (GRE)
  - Brakes and running gear (GRRF)

- **Passive Safety**
  - GRSP
    - Pedestrian protection
    - Head restraints
    - Child restraint
    - Truck cab strength

- **General Safety**
  - GRSG
    - Fire risks & Safety of users in buses/coaches
    - Glazing materials
    - Rear view monitoring
    - Safety of LPG/CNG/LNG

- **Environmental protection**
  - Pollution and Energy (GRPE)
  - Noise (GRB)

World Forum for Harmonization of Vehicle Regulations (WP.29)

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)
WP.29 activities

- Emissions of pollutants and CO₂
- General safety
- Passive safety
- Noise
- Active safety
- Lighting and light signalling
Active Safety

GRRF Activities on brakes and running gear:
- Anti-lock braking systems (ABS): 1990
- Regenerative braking systems: 2008
- Electronic Stability Control (ESC): 2008
- Tyre Pressure Monitoring Systems (TPMS): 2010
- Lane Departure Warning Systems (LDW): 2012

GRE Activities on lighting and light-signalling:
- Conspicuity/Contour markings: 2006
- Dedicated Daytime Running Lamps (DRL): 2007
- LED headlamps: 2008

WP.29 informal group on:
- Intelligent Transport Systems (ITS)
Passive Safety

- Safety belts: 1970
- Protective helmets: 1972
- Frontal and lateral crash tests: 1995
- Pedestrian safety GTR: 2008
- ISOFIX anchorages: 2002
- Safety-belt reminders: 2009
- Electric vehicle safety: 2010/2013
- Pole side impact: 2014
General Safety

- Safety glazing materials: 1981/2008
- Rear Underrun Protection: 1982/(2015)
- Superstructure of buses and coaches: 1986/2010
- Liquefied Petroleum Gas (LPG): 1987
- Vehicle alarm systems: 1997
- Compressed/Liquefied Natural Gas (CNG/LNG): 2000/2013
- Burning behaviour: 2005
Environmental Protection

GRPE Activities on pollution and energy:
- Battery Electrical Vehicles (EV): 1996
- Measurement procedure for CO2 emissions (Fuel consumption): 1997
- Hybrid/Electric Vehicles (HEV): 2004
- Market Fuel Quality (FQ): 2010
- Environmentally Friendly Vehicles (EFV) – Feasibility: 2011

GRB Activities on noise:
- Tyre rolling noise and wet grip adhesion: 2007
- Tyres Rolling Resistance: 2010
Environmental Protection

EVOlution of emissions limits of passenger cars

UNECE Regulations

Emissions Level (%)
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 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 (33 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)
WP.29: Contracting Parties (CP)
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
How to become CP to an Agreement

Requirements for a valid instrument of accession:

- Identify the Agreement
- Declaration of undertaking. Expression of intent of the Government to be bound by the Agreement and to undertake faithfully to observe and implement its provisions
- Issued and signed by:
  - Head of State or Government or the Minister of Foreign Affairs (MFA) or by a person exercising the power of one of these authorities *ad interim.*
- Dated
- Addressed to the UN Secretary General in New York
Model of an instrument of accession

• WHEREAS the [title of agreement] was concluded [adopted, etc.] at [place] on [date],

• NOW THEREFORE I, [name and title of the head of State or Government or MFA], declare that the Government of [name of State], having considered the above mentioned [agreement], accedes to the same and undertakes faithfully to perform and carry out the stipulations therein contained.

• IN WITNESS WHEREOF I have signed this instrument of accession at [place] on [date].
## 1958 Agreement vs. 1998 Agreement:

<table>
<thead>
<tr>
<th></th>
<th>International standards (e.g. ISO)</th>
<th>gtrs (‘98 Agreement)</th>
<th>Regulations (‘58 Agreement)</th>
<th>National / regional legislations (e.g. EU Directives)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test method</strong></td>
<td>technical provisions</td>
<td>technical provisions</td>
<td>technical provisions</td>
<td>transposition procedure (reproduce in total or refer to the provisions of UN Regulation, UN GTRs or international standards)</td>
</tr>
<tr>
<td><strong>Performance requirements</strong></td>
<td>-</td>
<td>limit values</td>
<td>limit values</td>
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<tr>
<td><strong>Administrative procedures</strong></td>
<td>-</td>
<td>-</td>
<td>certification and COP procedures + mutual recognition</td>
<td></td>
</tr>
<tr>
<td><strong>Transposition</strong></td>
<td>-</td>
<td>Changes are admitted</td>
<td>No changes permitted</td>
<td></td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>optional</td>
<td>(optional)</td>
<td>(optional)</td>
<td>mandatory</td>
</tr>
</tbody>
</table>
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 agreed to consider in June 2014:
- Draft Revision 3 to the 1958 Agreement
- Draft UN Regulation No. 0

Remaining open issues to be clarified with OLA
Next IWVTA meetings in Moscow on 18-20 June 2014

Adoption by WP.29 expected in March 2015

Entry into force expected in March 2016
Future activities on the 1998 and 1997 Agreements:

WP.29 may wish to consider:
• the need for a revision of the 1998 Agreement
• a solution enabling the ratification of the 17 signatories to the 1997 Agreement

Regional Economic Integration Organizations (REIO)
WP.29
How It Works
How to join it?


THANK YOU FOR YOUR ATTENTION
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