



The UNECE Transport Division

“UNECE and its Global Forum for Harmonization for Vehicle Regulations dedicate their work to safe and green vehicles”

**UNECE “Energy Week” Committee on Sustainable Energy
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UNECE Transport Division



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UNECE's work for sustainable transport

- Transport provides mobility
- Shift from pure mobility objectives to sustainable transport
- The World Forum for Harmonization of Vehicle Regulations WP.29
- Development of global vehicle regulations
- Move to sustainable transport HEV, EV, HFCV, Biofuels etc.





UNECE Round Table on Climate Change and Transport

- Outcome of the Round Table: no single strategy can reduce emissions quickly and inexpensively on the scale required
- Needed action: multiple technological strategies and policies are to be combined in a portfolio approach
- The UNECE will continue to be the global platform for uniting concerted action in fighting climate change in the transport sector





UNECE UNDA project on Climate change and Transport



- UNDA Project:
Development and implementation of a monitoring and assessment tool for CO₂ emissions in inland transport to facilitate climate change mitigation
- Duration: 3 years (November 2010 – October 2013)
- Initiative by UNECE together with all other United Nations regional commissions to launch the UNDA project aimed at studying the impact of road transport on climate change worldwide.
- Funding: \$738,000



UNECE World Forum (WP.29) and electric vehicle safety



- Provide early introduction of safe and clean cars
- Provide protection in case of electric shock
- Ensure that electric cars are as safe as conventional ones



UNECE Worldwide harmonized Light vehicles Test Procedure (WLTP)

- Develop worldwide harmonized light vehicles emission test procedures
- Test cycles and procedures for light vehicles with regard to fuel and energy consumption, the emissions of gaseous pollutants (NO_x, CO, HC) and particles
- New test procedure will better reflect the real world conditions of vehicles operating





UNECE and Environmentally Friendly Vehicles (EFV)

- Find a common understanding “What is an EFV?”
- UNECE strategy for abatement of global warming and the reduction of CO₂ emissions for inland transport
- Development of worldwide harmonized technical provisions for the evaluation of EFV





In conclusion:

WP.29 supports the early introduction of green vehicles (such as electric vehicles) on condition that the generation of electricity and the production of hydrogen is sustainable.

Thank you for your attention!

For further information, please visit our website:

<http://unece.org/trans/main/welcwp29.htm?expandable=99>

