

2010



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

GENEVA, JUNE 24

**WP.29 Round Table on
Climate Change and Transport**

Room XX

There is a clear consensus among scientists, policy-makers, engineers and business leaders from the automotive industry that a concerted action is needed to address climate change through the reduction of greenhouse gas emissions, especially those of CO₂.

In this respect, the UNECE World Forum for Harmonization of Vehicle Regulations (WP.29) decided to organize a 'Round Table on Climate Change and Transport', scheduled to be held in Geneva on 24 June 2010.

The World Forum WP.29 considers a large number of activities to:

- Develop regulations for the construction of safe and environmentally friendly vehicles (e.g. plug-in hybrid electric vehicles, hydrogen and fuel cell vehicles, etc.).
- Foster the use of alternative fuels, including biofuels, for the propulsion of road vehicles.
- Set up recommendations for market fuel quality (i.e. specifications related to vehicle emission levels and engine technology type to enable the emission control devices of vehicles to function properly on a daily basis).

The development of worldwide harmonized emission test procedures for light vehicles is already underway. Similar work for the electrification of heavy-duty vehicles was recently initiated.

Within the framework of 'The Transport, Health and Environment Pan-European Programme (THE-PEP)', the UNECE promotes, jointly with the World Health Organization (WHO), policies and actions for sustainable and healthy mobility including eco-driving and cycling/walking in urban areas. The UNECE also promotes sustainable forest management, green building systems and energy efficiency activities such as capacity building actions and investment financing as part of its continuing activities towards sustainable development goals.

During the Round Table on Climate Change and Transport, the World Forum will address links with other sectors, particularly the energy sector, in case of a shift from the use of fossil fuels to electricity in vehicle propulsion systems. WP.29 will consider additional measures and possible scenarios to adapt future transportation to climate change and mitigate environmental impact.



UNITED NATIONS
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The Round Table on Climate Change and Transport aims to identify potential scenarios from which WP.29 can develop its future work programme on climate change mitigation and adaptation. The programme and the background documents are available at:

http://www.unece.org/trans/events/ClimateChange_Transport.html

WP.29 Round Table on Climate Change and Transport
(Palais des Nations, Geneva, Room XX, 24 June 2010)
(Chairman: Bernard Gauvin)

**Time
 schedule**

Speaker

**Opening
 session
 (2.30 p.m.)**

- Official welcome

Ján Kubiš (UNECE)

Main session

**Part I:
 (2.40 p.m.)**

Climate change and the environmental impact of transport

- Scenarios for future CO₂ emission in the transport sector and their link to energy policies: The car in the broader context
- Challenges and opportunities in transport for GHG emission savings?
- How to finance climate change mitigation and adaptation?
- What are WP.29's current and future activities to reduce CO₂ emissions by road vehicles?

Lee Schipper (Stanford University)

Robert Thaler (Austria)

Andreas Kopp - World Bank (WB)

Dirk Inger (Germany)

(3.20 p.m.)

Discussion

(3.50 p.m.)

Coffee break

**Part II:
 (4.20 p.m.)**

Road vehicles and climate change mitigation

- Achieving a low carbon energy future: the role of transport
- Our global road transport priority: reducing CO₂ emissions through an integrated approach
- CO₂ emissions and the efficiency of freight road transport
- What are the current and future constraints for the development of environmentally friendly vehicles?
- What are vehicle users' perspectives?
- The role of vehicle technology in achieving transport's climate objectives
- What is the status of the sustainability criteria for biofuels and what is their potential for CO₂ savings?

Pierpaolo Cazzola - International Energy Agency (IEA)

Dave McCurdy - International Organization of Motor Vehicle Manufacturers (OICA)

Ivan Hodac - OICA, European Motor Vehicle Manufacturers Association (ACEA)

Lars Holmqvist - European Association of Automobile Suppliers (CLEPA)

Susan Pikrallidas - Fédération Internationale de l'Automobile (FIA)

Jos Dings - Transport and Environment (T&E)

Barbara Bramble - Round Table for Sustainable Biofuels (RSB)

(5.20 p.m.)

Discussion

**Conclusion
 (5.50 p.m.)**

- What are the possible scenarios and the most effective measures to reduce transport CO₂ emissions?
- What are the recommendations and follow-up actions of the Round Table?

Eva Molnar (UNECE)