WP.29 Activities on Fuel Efficiency and the UNECE project on Global Warming and Transport

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The work of the 6 subsidiary bodies of WP.29 is aimed at:
• the improvement of vehicles’ active and passive safety
• the reduction of vehicles’ noise level, emissions of pollutants and fuel consumption
GRPE Activities on pollution and energy:
Liquefied Petroleum Gas (LPG): 1987
Compressed Natural Gas (CNG): 2000
Electrical Vehicles (EV): 1996
Hybrid/Electric vehicles (HEV): 2004
Hydrogen & Fuel Cell vehicles (HFCV) - Environment: (2010)
Environmentally Friendly Vehicles (EFV)
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GRRF Activities on brakes and running gear:
- Tyre Rolling Resistance

GRE Activities on lighting and light-signalling:
- Dedicated Daytime Running Lamps (DRL)
- LED headlamps: 2008
- Operating voltage: 2010

WP.29 informal group on:
- Intelligent Transport Systems (ITS)
Objective:
To develop an information and analysis tool based on a uniform methodology for the evaluation of CO₂ emissions in the transport sector in order to enable all UN countries to optimize the use of energy sources in the transport sector, taking into consideration: road vehicle fleets, types of propulsion systems, transport infrastructure, Intelligent Transport Systems, sustainable energy sources, intermodal transport on railways and inland waterways.

Expected Achievement:
A powerful analysis tool to develop future transport strategies and to support policy decisions by the countries to receive feedback on the impact of their policy scenarios on the economy.