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**Working Party on Transport Statistics**

**Sixty-fourth session**

Geneva, 19–21 June 2013

Item 3 (b) of the provisional agenda

**Methodological development and  
harmonization of transport statistics**

**Draft definitions: Energy types for road motor vehicles**

**Note by the Intersecretariat Working Group (IWG)**

**Petrol**

Road motor vehicle using petrol for propulsion containing less than 10% Bioethanol

**Hybrid petrol-electric**

Road motor vehicle using petrol for propulsion, with in addition one or more electric motors for propulsion, where the electric motor(s) are powered from a traction battery which is charged by a generator driven by the petrol engine.

*Petrol plug-in hybrid vehicles are not included*

**Plug-in hybrid petrol-electric**

Hybrid petrol-electric vehicle where the traction battery can also be charged from an external electricity source (such as a normal electric wall socket).

*Hybrid petrol-electric vehicles are not included*

**Diesel**

Road motor vehicle using diesel for propulsion containing less than 7% Biodiesel

**Hybrid diesel-electric**

Road motor vehicle using diesel for propulsion, with in addition one or more electric motors for propulsion, where the electric motor(s) are powered from a traction battery which is charged by a generator driven by the petrol engine.

*Plug-in hybrid diesel-electric vehicles are not included*

**Plug-in hybrid diesel-electric**

Hybrid diesel-electric vehicle where the traction battery can also be charged from an external electricity source (such as a normal electric wall socket).

*Hybrid diesel-electric vehicles are not included*

**Battery-only electric**

Road motor vehicle using batteries to feed an electric motor for propulsion

**Natural Gas Vehicle (NGV)**

Road motor vehicle using compressed natural gas (CNG) or liquefied natural gas (LNG) for propulsion

**Compressed Natural Gas (CNG)**

Road motor vehicle using Compressed Natural Gas (CNG) for propulsion

**Liquefied Natural Gas (LNG)**

Road motor vehicle using Liquefied Natural Gas (LNG) for propulsion

**Liquefied Petroleum Gas (LPG)**

Road motor vehicle using Liquefied Petroleum Gas (LPG) for propulsion

**Hydrogen**

Road motor vehicle using hydrogen for propulsion

*Fuel cell vehicles are not included*

**Fuel cells**

Road motor vehicle using a fuel cell to produce electricity to feed an electric motor for propulsion

**Biofuel**

Road motor vehicle using bioethanol or biodiesel for propulsions

**Bioethanol**

Road motor vehicle using bioethanol of at least 10% for propulsions

*Vehicles using less than 10% are to be defined as petrol vehicles*

**Biodiesel**

Road motor vehicle using biodiesel of at least 7% for propulsions

*Vehicles using less than 7% are to be defined as diesel vehicles*

**Bi-fuel vehicle**

Road motor vehicle with a single engine using either diesel or petrol and one of the following; CNG; LNG; LPG; Hydrogen for propulsions

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