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 propulsion

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