

Informal Group Gaseous Fuelled Vehicles (GFV)  
11 May 2015

In Consideration of Vehicle Propulsion System Definitions (VPSD)

The UNECE Working Party of Experts on Pollution and Energy (GRPE) has been working to harmonize Vehicle Propulsion System Definitions (VPSD).

The Informal Group on Gaseous Fuelled Vehicles has reached a consensus on definitions of bi-fuel, dual-fuel and mono fuel vehicles as follows:

**BI-FUEL VEHICLE**

‘Bi-fuel vehicle’ means a vehicle with two separate fuel storage systems for different types of fuels and a propulsion energy converter that operates primarily on one fuel at a time.

**DUAL-FUEL VEHICLE**

Preferred:

‘Dual-fuel vehicle’ means a vehicle with two separate storage systems for two different types of fuels and a compression ignition propulsion energy converter that operates primarily on both fuels simultaneously when one fuel ignites the other.

Acceptable:

‘Dual-fuel vehicle’ means a vehicle with two separate storage systems for two different types of fuels and a propulsion energy converter that operates primarily on both fuels simultaneously.

**MONO-FUEL VEHICLE**

‘Mono-fuel vehicle’ means a vehicle with a propulsion energy converter that operates primarily on one type of fuel.

**FLEX-FUEL VEHICLE**

‘Flex-fuel vehicle’ means a vehicle with one fuel storage system for a mixture of fuels and a propulsion energy converter that operates on a mixture or on either of those fuels.