



Economic and Social Council

Distr.: General
9 April 2014

Original: English

Economic Commission for Europe

Inland Transport Committee

Working Party on Transport Statistics

Sixty-fifth session

Geneva, 18–20 June 2014

Item 3 (a) of the provisional agenda

Data collection, methodological development and harmonization of transport statistics

Glossary for Transport Statistics

Note by the secretariat

I. Mandate

1. The Working Party invited the Intersecretariat Working Group on Transport Statistics (IWG) to consult with experts on inland navigation about the editorial amendments proposed in document ECE/TRANS/WP.6/2013/1. The IWG was also invited to study the draft definitions of energy types for road motor vehicles proposed in the informal document WP.6 No. 8 (2013) and invited delegates to send their comments on this draft to the secretariat by the end of September 2013. The Working Party invited all member States to submit suggestions for improvements or/and additions to the Glossary. (ECE/TRANS/WP.6/165, paras. 13–15).

II. Proposal

2. The Task Force on streamlining the Eurostat/ International Transport Forum/UNECE Common Questionnaire was held at the Centraal Bureau voor de Statistiek (CBS), Statistics Netherlands in The Hague (6–7 March 2014) and adopted draft definitions on road motor vehicles by energy type as follows:

A. Petrol vehicle

Road motor vehicle using petrol for propulsion containing up to 10 per cent Bioethanol (like E5 up to E10).

B. Hybrid petrol-electric vehicle

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.

Plug-in hybrid petrol-electric vehicles are not included.

C. Plug-in hybrid petrol-electric vehicle

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

Hybrid petrol-electric vehicles are not included.

D. Diesel vehicle

Road motor vehicle using diesel for propulsion containing up to 7 per cent Biodiesel (*like B2, B5, B7*).

E. Hybrid diesel-electric vehicle

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 diesel engine.

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

F. Plug-in hybrid diesel-electric vehicle

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

Hybrid diesel-electric vehicles are not included.

G. Battery only electric vehicle

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

H. Natural gas vehicle

Road motor vehicle using natural gas for propulsion either Compressed Natural Gas (CNG) or liquefied natural gas (LNG).

I. Compressed natural gas vehicle

Road motor vehicle using CNG for propulsion.

J. Liquefied natural gas vehicle

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

K. Liquefied petroleum gas vehicle

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

L. Hydrogen vehicle

Road motor vehicle using hydrogen for propulsion.

Fuel cell vehicles are not included.

M. Fuel cell vehicle

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

N. Biofuel vehicle

Road motor vehicle using bioethanol or biodiesel for propulsions.

O. Bioethanol vehicle

Road motor vehicle using bioethanol of more than 10 per cent for propulsions.

Vehicles using up to 10 per cent are to be defined as petrol vehicles.

P. Biodiesel vehicle

Road motor vehicle using biodiesel of more than 7 per cent for propulsions.

Vehicles using up to 7 per cent are to be defined as diesel vehicles.

Q. Bi-fuel vehicle

Road motor vehicle with a single engine using either diesel or petrol and one of the following: CNG, LNG, LPG or hydrogen for propulsions.
