

Subsidiary Legislation made under s.18(c).

Environment (Promotion of Clean and Energy-Efficient Road Transport Vehicles) Regulations 2011

LN.2011/046

Commencement **12.4.2011**

Amending enactments	Relevant current provisions	Commencement date
LN. 2021/197	rr. 2, 4(a)-(b), 7(1A)	25.3.2021

Transposing:
Directive 2009/33/EC

2005-27

Environment

2011/046

**Environment (Promotion of Clean and Energy-Efficient
Road Transport Vehicles) Regulations 2011**

This version is out of date

ARRANGEMENT OF REGULATIONS

Regulation

1. Title and commencement.
2. Interpretation.
3. Subject matter and objectives of these Regulations.
4. Application of these Regulations.
5. Exemptions.
6. Purchase of clean and energy-efficient road transport vehicles.
7. Methodology for the calculation of operational lifetime costs.

SCHEDULE

Data for the calculation of operational lifetime costs of road transport vehicles

**Environment (Promotion of Clean and Energy-Efficient
Road Transport Vehicles) Regulations 2011****2011/046**

This version is out of date

In exercise of the powers conferred upon it by section 18(c) of the Environment Act 2005 and all other enabling powers, and for the purposes of transposing into the law of Gibraltar Directive 2009/33/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of clean and energy-efficient road transport vehicles, the Government has made the following Regulations—

Title and commencement.

1. These Regulations may be cited as the Environment (Promotion of Clean and Energy-Efficient Road Transport Vehicles) Regulations 2011 and come into operation on the day of publication.

Interpretation.

2. In these Regulations, unless the context otherwise requires—

“Category M” refers to motor vehicles with at least four wheels designed and constructed for the carriage of passengers;

“Category M₁” refers to a vehicle designed and constructed for the carriage of passengers and comprising no more than eight seats in addition to the driver’s seat;

“Category M₂” refers to a vehicle designed and constructed for the carriage of passengers, comprising more than eight seats in addition to the driver’s seat, and having a maximum mass not exceeding 5 tonnes;

“Category M₃” refers to a vehicle designed and constructed for the carriage of passengers, comprising more than eight seats in addition to the driver’s seat, and having a maximum mass exceeding 5 tonnes;

“Category N” refers to a motor vehicle with at least four wheels designed and constructed for the carriage of goods;

“Category N₁” refers to a vehicle designed and constructed for the carriage of goods and having a maximum mass not exceeding 3,5 tonnes;

“Category N₂” refers to a vehicle designed and constructed for the carriage of goods and having a maximum mass exceeding 3,5 tonnes but not exceeding 12 tonnes;

“Category N₃” refers to a vehicle designed and constructed for the carriage of goods and having a maximum mass exceeding 12 tonnes; and

2005-27

Environment

2011/046 Environment (Promotion of Clean and Energy-Efficient Road Transport Vehicles) Regulations 2011

This version is out of date

“CO₂” means carbon dioxide;

“contracting authority” has the meaning given to contracting authorities in the Procurement (Public Sector Contracts) Regulations 2016; the Procurement (Utilities Contracts) Regulations 2016 and the Procurement (Concession Contracts) Regulations 2016;

“contracting entity” means a contracting entity as referred to in Article 4 of Directive 2014/25/EU;

“Directive 2014/25/EU” means Directive 2014/25/EU of the European Parliament and of the Council of 26 February 2014 on procurement by entities operating in the water, energy, transport and postal services sectors as it had effect immediately before 1 January 2021;

“Directive 2014/24/EU” means Directive 2014/24/EU of the European Parliament and of the Council of 26 February 2014 on public procurement as it had effect immediately before 1 January 2021.

“NMHC” means non-methane hydro-carbons;

“No_x” means oxides of nitrogen;

“relevant operator” means an operator which falls within the description in regulation 4 (b);

“road transport vehicle” means a vehicle covered by the vehicle categories listed in Table 3 of the Schedule.

Subject matter and objectives of these Regulations.

3. Every contracting authority, contracting entity and a relevant operator must, when purchasing road transport vehicles, take into account lifetime energy and environmental impacts, including energy consumption and emissions of CO₂ and of certain pollutants, for the purpose of—

- (a) promoting and stimulating the market for clean and energy-efficient vehicles; and
- (b) improving the contribution of the transport sector to the environment, climate and energy policies of the European Union.

Application of these Regulations.

**Environment (Promotion of Clean and Energy-Efficient
Road Transport Vehicles) Regulations 2011****2011/046**

This version is out of date

4. These Regulations shall apply to contracts for the purchase of road transport vehicles by—
- (a) a contracting authority or a contracting entity in so far as it is under an obligation to apply the procurement procedures set out in the Procurement (Public Sector Contracts) Regulations 2016, the Procurement (Concession Contracts) Regulations 2016 or the Procurement (Utilities Contracts) Regulations 2016; and
 - (b) operators for the discharge of public service obligations under a public service contract within the meaning of Regulation (EC) No 1370/2007 of the European Parliament and of the Council of 23 October 2007 on public passenger transport services by rail and by road, in excess of a threshold which shall be defined by the Government not exceeding the threshold values as set out in Directive 2014/25/EU and Directive 2014/24/EU.

Exemptions.

5. The Government may exempt from the requirements of these Regulations, contracts for the purchase of the following vehicles—
- (a) vehicles designed and constructed for use principally on construction sites, in quarries, ports or airport facilities;
 - (b) vehicles designed and constructed for use by the armed services, the fire services, the police or for civil defence; and
 - (c) mobile machinery.

Purchase of clean and energy-efficient road transport vehicles.

- 6.(1) When purchasing road transport vehicles, a contracting authority, contracting entity and a relevant operator shall—
- (a) take into account the operational lifetime energy and environmental impacts as set out in subregulation (2);
 - (b) apply at least one of the options set out in subregulation (3),
- and may also consider other environmental impacts.

2011/046 Environment (Promotion of Clean and Energy-Efficient Road Transport Vehicles) Regulations 2011

This version is out of date

(2) The operational energy and environmental impacts to be taken into account shall include at least the following–

- (a) energy consumption;
- (b) emissions of CO₂; and
- (c) emissions of NO_x, NMHC and particulate matter.

(3) The requirements of subregulations (1) and (2) shall be fulfilled in accordance with the following options–

- (a) by setting technical specifications for energy and environmental performance in the documentation for the purchase of road transport vehicles on each of the impacts considered, as well as any additional environmental impacts; or
- (b) by including energy and environmental impacts in the purchasing decision, whereby–
 - (i) in cases where a procurement procedure is applied, this shall be done by using these impacts as award criteria; and
 - (ii) in cases where these impacts are monetised for inclusion in the purchasing decision, the methodology set out in regulation 7 shall be used.

Methodology for the calculation of operational lifetime costs.

7.(1) For the purposes of regulation 6(3)(b)(ii), operational lifetime costs for energy consumption, as well as for CO₂ emissions and pollutant emissions as set out in Table 2 of the Schedule, which are linked to the operation of the vehicles under purchase, shall be monetized and calculated using the methodology set out subregulations (2) and (6).

(1A) Any reference in Table 2 of the Schedule to a specified number of Euros (“EUR”) is to be read, for the purposes of paragraph (1), as that sum converted into pounds sterling (“GBP”) using the exchange rate of GBP 1=EUR 1.1103.

(2) The operational lifetime cost of the energy consumption of a vehicle shall be calculated using the following methodology–

- (a) the fuel consumption per kilometre of a vehicle according to subregulation (7) shall be counted in units of energy consumption per kilometre whether this is given

**Environment (Promotion of Clean and Energy-Efficient
Road Transport Vehicles) Regulations 2011****2011/046**

This version is out of date

directly, which is the case for instance for electrical cars, or not and where the fuel consumption is given in different units, it shall be converted into energy consumption per kilometre, using the conversion factors as set out in Table 1 of the Schedule for the energy content of the different fuels;

- (b) a single monetary value per unit of energy shall be used and this single value shall be the lower of the cost per unit of energy of petrol or diesel before tax when used as a transport fuel;
- (c) operational lifetime cost of the energy consumption of a vehicle shall be calculated by multiplying the lifetime mileage, where needed, taking into account the mileage already performed, according to subregulation (8), by the energy consumption per kilometre according to paragraph (a), and by the cost per unit of energy according paragraph (b).

(3) The operational lifetime cost for the CO₂ emissions of a vehicle shall be calculated by multiplying the lifetime mileage, where needed, taking into account the mileage already performed, according to subregulation (8), by the CO₂ emissions in kilograms per kilometre according to subregulation (7), and by the cost per kilogram taken from the range as set out in Table 2 of the Schedule.

(4) The operational lifetime cost for the pollutant emissions, as listed in Table 2 of the Schedule, of a vehicle shall be calculated by adding up the operational lifetime costs for emissions of NO_x, NMHC and particulate matter.

(5) The operational lifetime cost for each pollutant shall be calculated by multiplying the lifetime mileage, where needed, taking into account the mileage already performed, according to subregulation (8), by the emissions in grams per kilometre according to subregulation (7), and by the respective cost per gram and the cost shall be taken from the Community-averaged values set out in Table 2 of the Schedule.

(6) Every contracting authority, contracting entity and relevant operator referred to in regulation 3 may apply higher costs provided such costs do not exceed the relevant values set out in Table 2 of the Schedule multiplied by a factor of 2.

(7) Fuel consumption, as well as CO₂ emissions and pollutant emissions as set out in Table 2 of the Schedule per kilometre for vehicle operation, shall be based on standardised Community test procedures for the vehicles for which such test procedures are defined in Community type approval legislation and for vehicles not covered by standardised Community test procedures, comparability between different offers shall be ensured by using widely

2005-27

Environment

2011/046 **Environment (Promotion of Clean and Energy-Efficient
Road Transport Vehicles) Regulations 2011**

This version is out of date

recognised test procedures, or the results of tests for the authority, or information supplied by the manufacturer.

(8) Lifetime mileage of a vehicle, if not otherwise specified, shall be taken from Table 3 of the Schedule.

**Environment (Promotion of Clean and Energy-Efficient
Road Transport Vehicles) Regulations 2011**

2011/046

This version is out of date

SCHEDULE

Regulations 2, 7

Data for the calculation of operational lifetime costs of road transport vehicles**Table 1: Energy content of motor fuels**

Fuel	Energy content
Diesel	36 MJ/litre
Petrol	32 MJ/litre
Natural Gas/Biogas	33-38 MJ/Nm ³
Liquefied Petroleum Gas (LPG)	24 MJ/litre
Ethanol	21 MJ/litre
Biodiesel	33 MJ/litre
Emulsion fuel	32 MJ/litre
Hydrogen	11 MJ/Nm ³

Table 2: Cost for emissions in road transport (in 2007 prices)

CO ₂	NO _x	NMHC	Particulate matter
0,03-0,04 EUR/kg	0,0044 EUR/g	0,001 EUR/g	0,087 EUR/g

Table 3: Lifetime mileage of road transport vehicles

Vehicle category (M and N categories as defined in regulation 2)	Lifetime mileage
Passenger cars (M ₁)	200,000 km
Light commercial vehicles (N ₁)	250,000 km
Heavy goods vehicles (N ₂ , N ₃)	1.000,000 km
Buses (M ₂ , M ₃)	800,000 km