Council Directive (EU) 2015/652 of 20 April 2015 laying down calculation methods and reporting requirements pursuant to Directive 98/70/EC of the European Parliament and of the Council relating to the quality of petrol and diesel fuels

ANNEX II

CALCULATION OF THE FUEL BASELINE STANDARD OF FOSSIL FUELS

Calculation method

(a)   The fuel baseline standard is calculated based on Union average fossil fuel consumption of petrol, diesel, gasoil, LPG and CNG, as follows:

$$\text{Fuel baseline standard} = \frac{\sum_x (GHGi_x \times MJ_x)}{\sum_x MJ_x}$$

where:

'x' represents the different fuels and energy falling within the scope of this Directive and as defined in the table below;

'$GHGi_x$' is the greenhouse gas intensity of the annual supply sold on the market of fuel 'x' or energy falling within the scope of this Directive expressed in gCO_{2eq}/MJ. The values for fossil fuels presented in point 5 of Part 2 of Annex I are used;

'MJ_x' is the total energy supplied and converted from reported volumes of fuel 'x' expressed in mega joules.

(b)   Consumption data

The consumption data used for calculation of the value is as follows:

Fuel	Energy Consumption (MJ)	Source
diesel	$7\ 894\ 969 \times 10^6$	2010 Member States reporting to the UNFCCC
non-road gasoil	$240\ 763 \times 10^6$	
petrol	$3\ 844\ 356 \times 10^6$	
LPG	$217\ 563 \times 10^6$	
CNG	$51\ 037 \times 10^6$	

Greenhouse gas intensity

The fuel baseline standard for 2010 shall be: 94,1 gCO_{2eq}/MJ