

G-Regs™

Germany – Energy consumption labelling



Full title: Passenger Vehicle Energy Consumption Labelling Ordinance of 28 May 2004 (Federal Law Gazette I p 1037) implementing the Directive 1999/94/EC relating to the availability of consumer information on fuel economy and CO2 emissions in respect of the marketing of new passenger cars (1999/94/EC).

Last amended by Article 3 of the Law of 10 May 2012 (Federal Law Gazette I p 1070) (Act on the Restructuring of the Energy Labelling Law)

German: *Pkw-Energieverbrauchskennzeichnungsverordnung – Pkw-EnVKV*

Title of relevant section:

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- § 3 Label showing fuel consumption, CO2 emissions & electricity consumption, and poster at the point of sale
- § 3a CO2 efficiency categories
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Section 1

Labelling requirement

(1) Manufacturers and dealers displaying new cars, offering them for sale or lease or advertising the same must give information concerning their fuel consumption, CO2 emissions and, where applicable, power consumption in accordance with Articles 3 - 5 as well as Annexes 1 - 4.

(2) The units to be used in the information are as follows:

1. For:

a) Fuel consumption: litres per 100 kilometres (l/100 km),

b) The consumption of natural gas or biogas as fuel in derogation of a): kilogrammes per 100 kilometres (kg/100 km), with the value specified by the manufacturer coming from the EC Certificate of Conformity (CoC) and given in cubic metres per 100 kilometres (m³/100 km) being converted into kilogrammes per 100 kilometres (kg/100 km) in accordance with the

reference density value for natural gas set out in Annex XII, Paragraph 2.3 of Regulation (EC) no. 715/2007 of the European Parliament and Council dated 20 June 2007 on the type-approval of motor vehicles (Euro 5 and Euro 6) and access to vehicle repair and maintenance information (OJ L 171 dated 29.6.2007, p. 1) in conjunction with Regulation (EC) no. 692/2008 of the European Parliament and Council dated 18 July 2008 implementing and amending Regulation (EC) no. 715/2007 of European Parliament and Council on the type-approval of motor vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information (OJ L 199 dated 28.7.2008, p. 1),

c) Power consumption for vehicles run purely on electrical power, fuel cell vehicles and for externally chargeable hybrid electric vehicles: kilowatt hours per 100 kilometres (kWh/100 km), with the value specified by the manufacturer coming from EC Certificate of Conformity (CoC) and given in watt hours per kilometre (Wh/km) being converted into kilowatt hours per 100 kilometres (kWh/100 km).

The consumption is to be rounded up or down to one decimal place in accordance with commercial rounding rules.

2. For CO₂ emissions: grams per kilometre (g/km), rounded up or down to a whole number in each case in accordance with commercial rounding rules.

Section 3

Label showing fuel consumption, CO₂ emissions and electric power consumption, and poster at the point of sale

(1) Anyone displaying a new passenger car or offering a new passenger car for sale or for leasing must ensure that:

1. A label showing the official fuel consumption, the official specific CO₂ emissions and, where applicable, the official electric power consumption is affixed to the vehicle or in its immediate vicinity in such a way that it is clearly visible and can be unequivocally attributed to that vehicle.

The label must contain the CO₂ efficiency class according to Article 3a, Paragraph 2 and meet the requirements of Annex 1, which is up to date at the time of creating the label. The date of the drawing-up of the label is to be stated in the designated field within the meaning of Annex 1, No. 7,

2. A poster is displayed in a prominent position at the point of sale, showing the CO₂ efficiency class, the official fuel consumption figures, the official specific CO₂ emissions and, where applicable, the official electric power consumption of all models of new passenger cars displayed at the point of sale or offered for sale or for leasing at or via such point of sale; the poster must comply with the requirements of Annex 2.

(2) The label and the poster in accordance with paragraph 1 above can also be shown electronically via a monitor display insofar as the other conditions set out in Annexes 1 and 2 are complied with.

(3) The manufacturers must, on request, without delay and free of charge, send the dealers they supply with new passenger cars the information and details required to draw up the label and the poster in accordance with Paragraph 1.

Section 3a

CO₂ Efficiency Categories

(1) The manufacturer has to indicate the CO₂-efficiency of the vehicle by disclosing the vehicle efficiency class. For this purpose he/she has to calculate the deviation of

the vehicle's official specific CO₂ emissions from a reference value. The reference value is to be determined as follows:

$$\text{Reference value (in g CO}_2 \text{ per kilometer)} = 36.59079 + a \times M$$

Whereby:

M = mass of the vehicle in kilograms (kg)

a = 0.08987.

The reference value is to be rounded up or down according to commercial rules. The deviation of the official specific CO₂ emissions of the vehicle from the reference value is to be indicated as a percentage via the difference of the two values and is to be calculated as follows:

$$\text{prozentuale Abweichung (CO}_2\text{Diff. in \%)} = \frac{\text{CO}_2\text{PKW} - \text{CO}_2\text{Ref.}}{\text{CO}_2\text{Ref.}} \cdot 100$$

Prozentuale Abweichung translates as: Percentage Deviation

Whereby:

CO₂ Ref = reference value of the vehicle-specific CO₂ emissions

CO₂ PKW = official specific CO₂ emissions of the vehicle.

The percentage is rounded to two decimal places after the decimal point (rounded up or down according to the commercial rounding rules).

(2) According to the percentage of deviation from the reference value, the vehicle is to be grouped into the following specific efficiency classes:

CO ₂ efficiency category	Range of category Divergence from reference value
A+	≤ -37%
A	-36.99% to -28%
B	-27.99 % to -19%
C	-18.99 % to -10%
D	-9.99 % to -1%
E	-0.99% to +8%
F	+8.01% to +17%
G	> +17.01%

(3) If 5% of the vehicles registered in a calendar year meet the requirements of the next more efficient classes A ++ or A +++, these classes will be introduced according to the CO₂ efficiency classes specified below, also simultaneously where applicable. The Federal Ministry of Economics and Technology shall conduct an annual review of the attainment of the 5% criterion for introducing the next higher CO₂ efficiency class. This review shall be carried out on the basis of the registration numbers and type data from the Federal Motor Transport Authority as well as the official specific CO₂ emissions and the mass of the vehicle in running order within the meaning of Directive 2007/46/EC of the European Parliament and the Council dated 5 September 2007 establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (OJ L263 dated 9.10.2007, p. 1) as well as optional, supplementary versions or vehicle-specific notifications by the manufacturers to the Federal Motor Transport

Authority whereby the higher value is to be used for the calculation within the meaning of Article 3a, Paragraph 3 of this regulation in those cases where an area for the mass is indicated in the type approval documents. The Federal Ministry of Economics and Technology shall publish the results of the review and, where applicable, the need to introduce classes A ++ and/or A +++ in the Federal Gazette by 30 June each year at the latest. The new class shall be applied three months from the date of being published in the Federal Gazette.

CO2 efficiency category	Range of category Divergence from reference value
A++	≤ -46 %
A+	-45.99% to -37%

CO2 efficiency category	Range of category Divergence from reference value
A+++	≤ -55 %
A++	-54.99% to -46%

Within three years after entry into force of this Regulation, the Federal Ministry for Economics and Technology will review the basis for calculating the reference value, particularly alternatives to the reference value mass, and the proportion of vehicles registered in the classes as a whole, and if necessary adapt the energy label for cars by amending this Regulation.

Section 4

Guide concerning fuel consumption, CO2 emissions and electric power consumption

(1) The manufacturers shall determine a body¹ to draw up a standardised guide on fuel consumption, CO2 emissions and electric power consumption in printed form on their behalf and to distribute the same to dealers, consumers and other interested parties. The guide is to be updated at least one each year. The manufacturers shall inform the Federal Ministry of Economics and Technology of the body specified in sentence 1 above; the Ministry shall then publish the name of that body in the Federal Gazette. The guide shall also be made available on the Internet by the manufacturers.

(2) The guide must meet the requirements of Annex 3. The draft of Part I of the guide requires the approval of the Federal Ministry of Economics and Technology in agreement with the Federal Ministry of the Environment, Nature Conservation and Nuclear Safety as well as the Ministry of Transport, Building and Urban Development. The approval is deemed to have been issued when the Federal Ministry of Economics and Technology has not refused the request for approval within two months of the draft being received. The applicant is to be notified immediately of receipt of the draft.

¹ German Automobil Treuhand – DAT (German Automobile Trust) <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>

URL of source: <http://www.gesetze-im-internet.de/bundesrecht/pkw-envkv/gesamt.pdf>

(3) Dealers and manufacturers are to hand out the guide to persons interested in purchasing or leasing (customers) on request and free of charge at the point of sale. The guide can, with the agreement of the customer, be handed over on electronic, magnetic or optical storage media or be transmitted in electronic form. If a printed copy of the form is not available at the point of sale for reasons that are not the responsibility of the dealers or manufacturers, the obligation set out in sentence 1 above can also be fulfilled by a printout of the guide made available on the Internet being given to the customer free of charge.

(4) The manufacturers must ensure that

1. a guide is available to consumers free of charge on request at the body specified in paragraph 1, sentence 1 above;

2. dealers are each provided with the necessary number of copies of the guide by the body specified in paragraph 1, sentence 1 above without delay and free of charge so that such dealers can meet their obligations under paragraph 3, sentence 1; postal costs can be charged for the sending of the guidelines.

(5) Manufacturers and those importing new passenger cars for sale in their own name without being a manufacturer in accordance with Article 2, no. 2 must each send the following information to the body specified by the manufacturers in paragraph 1, sentence 1 above without delay and, at the latest, at the beginning of each quarter:

1. Names of the models of each make they are marketing in Germany at the time of publication and – if already known – those that they will market in the remainder of the year and in the subsequent calendar year,

2. For the models referred to under 1. above, also the cylinder capacity, engine power, transmission type, vehicle mass, fuel type, other energy sources where applicable, official fuel consumption, official specific CO₂ emissions and, where applicable, the official electric power consumption.

Section 5

Advertising

(1) Manufacturers and dealers who produce, arrange for the production of, distribute or otherwise use promotional literature (i.e. printed advertising material) must ensure that the details contained in such promotional literature concerning the official fuel consumption and official specific CO₂ emissions of the relevant models of new passenger cars are given in accordance with Section I of Annex 4 (see below)

(2) Paragraph 1, Clause 1 applies correspondingly to

1. Promotional material distributed by electronic means,

2. Advertising through electronic, magnetic or optical storage media; with the exception of radio broadcasting services and audiovisual media services in accordance with Article 1a of Directive 2010/13/EU of the European Parliament and the Council dated 10 March 2010 on the coordination of certain provisions laid down by law, regulation or administrative action in Member States concerning the provision of audiovisual media services (Audiovisual Media Services Directive), (OJ L 95 of 15.4.2010, p. 1). The information must be given in accordance with Sections II and III of Annex 4 (shown immediately below this section).

(3) The obligations of the manufacturers under Section 3, Paragraph 3 apply accordingly to details and information required to draw up printed advertising material, advertising material intended for distribution in electronic form and electronic, magnetic or optical storage media in accordance with Paragraphs 1 and 2 above.

Annex I
(s. 3, para. 1, no. 1) **Label showing fuel consumption, CO2 emissions and electric power consumption**

PART A **Requirements for the label in accordance with Section 3, Para 1, No. 1**

Section I
(Annex I) **Section I. Content and design of the label on fuel consumption, CO2 emissions and electric power consumption**

1. The size of the label is 297 mm x 210 mm (DIN A4).
2. The label is to be drawn up in a standardised way in accordance with the form contained in Section II of this annex. The use of a font different from the form is permissible as long as the font height and size remain unchanged and the font selected is also used for the other details given for the vehicle at the point of sale.
3. After the heading "Information concerning fuel consumption, CO2 emissions and electric power consumption within the meaning of the Pkw-EnVKV (car energy consumption labelling directive)", the following information about the vehicle is to be given: brand, model (substantiated by type, version, and variant), power, fuel, other energy sources and mass of the vehicle.
4. The figures for the official fuel consumption (test cycles in and outside built-up areas – urban and extra urban - and combined), the official specific CO2 emissions in the combined test cycle and, where applicable, the official electric power consumption in the combined test cycle relating to the respective vehicle and shown in the EC Certificate of Conformity within the meaning of Commission Regulation (EC) no. 385/2009 dated 7 May 2009 replacing Annex IX to Directive 2007/46/EC of the European Parliament and the Council dated 5 September 2007 on establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles ("Framework Directive") (OJ L 118 of 13.5.2009, p. 13) are then to be stated. For vehicles that do not have an EC Certificate of Conformity within the meaning of Commission Regulation (EC) no. 385/2009, the figures for the official fuel consumption (test cycles in and outside built-up areas and combined), the official specific CO2 emissions in the combined test cycle and, where applicable, the official electric power consumption in the combined test cycle shown in the approval documents within the meaning of Directive 2007/46/EC of the European Parliament and the Council on establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (OJ. L 263 of 9.10.2007, p. 1) are to be stated in derogation of clause 1 above.

For vehicles with more than one liquid or gaseous energy source, all the fuels are to be listed under "Fuel", each separated by a forward slash [e.g. Super/Super Plus/E85], with the fuel to which the details concerning the official fuel consumption and the official specific CO2 emissions relate written in italics.

The figures to be entered for the official fuel consumption and the official specific CO2 emissions are the values of the fuel with the lowest official specific CO2 emissions, with the numerical values for the official fuel consumption and the official specific CO2 emissions for that fuel typed in italics.

In the case of purely electrically driven vehicles, "0" is to be entered when stating the official specific CO2 emissions. For externally chargeable hybrid electric vehicles and fuel cell vehicles, only the figures for the official fuel consumption, the official specific CO2 emissions and the official electric power consumption in the combined test cycle in accordance with clause 1 above are to be stated; no figure has to be given for the official fuel consumption for the test cycles in and outside built-up areas,

with "not applicable" entered for this in the form in accordance with Section II. The values of the combined test cycles for the official fuel consumption, the official specific CO2 emissions and the official electric power consumption of the vehicle must stand out from the overall text in all cases of number 4 through the use of a larger font size.

5. The following points may be added to the information referred to under number 4 (above):

- a) The figures stated were determined in accordance with the stipulated measuring methods (Article 2, clauses 5, 6, 6a of the Pkw-EnVKV as currently in force).
- b) CO2 emissions resulting from the production and supply of the fuel or other energy sources are not taken in account when determining the CO2 emissions in accordance with Directive 1999/94/EC.
- c) The figures do not relate to an individual vehicle and are not part of the offer, serving rather only the purposes of comparison between the different vehicle types.

6. The following information below is to be included under the heading "Note in accordance with Directive 1999/94/EC":

"The fuel consumption and CO2 emissions of a vehicle are not only dependent on the efficient exploitation of the fuel by the vehicle; they are also influenced by handling/driving behaviour and other non-technical factors. CO2 is the greenhouse gas mainly responsible for global warming. A guide to the fuel consumption and CO2 emissions of all new passenger car models offered in Germany can be obtained free of charge from any point of sale in Germany where new passenger cars are displayed or offered for sale or leasing."

7. After number 6, a chart is to be added under the heading "CO2 efficiency" and the label "Determined on the basis of the CO2 emissions measured with due regard for the mass of the vehicle", printed in bold type, using the CO2 efficiency classes for the respective vehicles as specified in Article 3a, Paragraph 2. The chart must comply with the form described in Part A, Section II. The following colour schemes are to be used to illustrate the CO2 efficiency classes in this regard:

A +, A	100 % cyan, 100 % yellow
B	70 % cyan, 100 % yellow
C	30 % cyan, 100 % yellow
D	100 % yellow
E	30 % magenta, 100 % yellow
F	70 % magenta, 100 % yellow
G	100 % magenta, 100 % yellow.

The CO2 efficiency of the vehicle is expressed by means of an arrow displayed in black and white and also bearing the identification letters of the corresponding CO2 efficiency class printed in white. The point of this arrow must be directly facing the point of the arrow for the CO2 efficiency class. The arrow with the indicator letter must not be smaller than the arrow indicating the efficiency class, nor may it be more than twice as big.

8. Details are then to be given of the yearly tax for the respective vehicle, except electric vehicles, as well as the annual energy costs for travelling 20,000 kilometres, divided into fuel costs and, where applicable, electricity costs. The fuel to which the figures for the official fuel consumption and the official specific CO₂ emissions within the meaning of Annex 1, Section I, no. 4 relate is to be stated in parentheses after the fuel costs item. Insofar as a vehicle with more than one liquid or gaseous energy source is concerned, the fuel stated in parentheses is to be written in italics in accordance with the representation within the meaning of Annex 1, Section 1, No. 4. The figures for the fuel and, where applicable, electricity costs are to be based on the prices published annually in the Federal Gazette by the Federal Ministry of Economic Affairs and Technology. The first price list will be published in the Federal Gazette on promulgation of this Regulation. The Federal Ministry of Economic Affairs and Technology will subsequently update these prices on an annual basis through publication in the Federal Gazette on 30 June each year. The prices updated in the Federal Gazette on 30 June each year are to be applied for new passenger cars displayed or offered for sale or leasing after 30 June of the year in question at the latest within three months of the date of publication in the Federal Gazette. The price list includes fuels within the meaning of the regulation on the nature and labelling of the quality of fuels as currently in force as well as electricity insofar as a current market price can be established for the respective fuel or electricity.

9. The declaration "Created/Issued on:" is to be added below this and the creation/issue date of the label inserted, quoting the day, month and year.

Section II (Annex I)**Forms for the label showing the fuel consumption, CO₂ emissions and electric power consumption:**

http://www.gesetze-im-internet.de/normengrafiken/bgbl1_2011/j1756-1_0020.pdf

**PART B
(Annex I)****Requirements for the label according to § 3 para. 1, no. 1 with additional efficiency classes**

Section I**The content and design of the label on fuel consumption, CO₂ emissions, and electric power consumption**

1. The requirements of Part A, Section I of this annex apply, unless specified otherwise in the following.

2. A chart is to be added under the heading "CO₂ efficiency" and the note "Determined on the basis of the CO₂ emissions measured with due regard for the mass of the vehicle", printed in bold type, using the CO₂ efficiency classes for the respective vehicle as specified in Article 3a, Paragraph 3. The chart must comply with the form described in Part B, Section II or III. When introducing the class A ++, the following colour schemes are to be used to illustrate the CO₂ efficiency classes:

A ++, A +	100 % cyan, 100 % yellow
A	70 % cyan, 100 % yellow
B, C	30 % cyan, 100 % yellow
D	100 % yellow
E	70 % magenta, 100 % yellow
F, G	100 % magenta, 100 % yellow

When introducing the class A +++ or introducing the classes A ++ and A +++ simultaneously, the following colour schemes are to be used to illustrate the CO2 efficiency classes:

A +++, A ++ 100 % cyan, 100 % yellow
 A + 70 % cyan, 100 % yellow
 A, B 30 % cyan, 100 % yellow
 C 100 % yellow
 D 70 % magenta, 100 % yellow
 E, F, G 100 % magenta, 100 % yellow.

**Section II
(Annex 1, Part B)**

Form for the label showing the fuel consumption, CO2 emissions and electric power consumption, with introduction of the efficiency class A ++:

[file://localhost/\(http://www.gesetze-im-internet.de/normengrafiken/bgbl1_2011:j1756-1_0030.pdf\)](file://localhost/(http://www.gesetze-im-internet.de/normengrafiken/bgbl1_2011:j1756-1_0030.pdf))

**Section III
(Annex 1, Part B)**

Form for the label showing fuel consumption, CO2 emissions and electric power consumption, with introduction of the efficiency class A +++:

http://www.gesetze-im-internet.de/normengrafiken/bgbl1_2011:j1756-1_0040.pdf

**Annex 2
(ref. Sect. 3, Para 1,
No. 2 (the poster))**

Poster at the point of sale about fuel consumption, CO2 emissions and energy/power consumption

**Section I
(Annex 2)**

Poster

1. The poster must be at least 70 cm x 50 cm in size.
 2. The information must be legible.
 3. If a dealer displays several brands and does not have a separate poster for each, then the brands will be listed in alphabetical order
 4. The poster must be headed by the statement: "Aushang nach Richtlinie 1999/94/EC" ("Poster according to Directive 1999/94/EC") and carry the following statement:
 "Kraftstoffverbrauch, CO2-Emissionswerte und Stromverbrauch aller an diesem Verkaufsort ausgestellten oder bestellbaren Personenkraftwagen der Marke (N.N.)"
 (Fuel consumption, CO2 emission figures and electricity consumption of all passenger cars exhibited here at this sales outlet for (brand) cars)
 5. The passenger car models are to be listed in groups distinguishing between fuel type and other sources of energy, whereby different qualities of fuel can be summarized (e.g., Super and Super Plus to petrol). For each fuel or other energy source, the models must be listed in ascending order according to their official specific CO2 emissions in the combined test cycle, with the model with the most favourable CO2 efficiency class (A to G) and the lowest official fuel consumption or the lowest official electricity consumption in the combined test cycle placed at the top of the list.
 6. For each passenger car model, the list shall include:
 - The model, specified by cubic capacity, power, transmission, weight
 - The official fuel consumption in the combined test cycle
-

URL of source: <http://www.gesetze-im-internet.de/bundesrecht/pkw-envkv/gesamt.pdf>

-
- The official specific CO2 emissions in the combined test cycle
 - Where appropriate, the official electric power consumption in the combined test cycle

For passenger car models with more than one liquid or gaseous fuel source, the information referred to in clause 1 (the opening bullet point above, i.e. CO2 efficiency class etc.) shall be entered for all fuels. The same applies to externally chargeable hybrid electric vehicles and fuel cell vehicles, where the information shall be entered for both the fuel and for the other energy source (electricity). Where several variants and/or versions are grouped under one model, the values to be given for the official fuel consumption, official specific CO2 emissions, and the official electric power consumption shall be based on the variant and/or version with the highest respective values (within that group). The same applies to the CO2 efficiency class, where in any event, the worst efficiency class of the respective variant or version is specified. When stating the mass (weight) in any case, the highest mass value of the respective variant or version must be specified.

7. The references listed in Annex 1, Section I, No. 5 may be specified (see above)
8. The references listed in Annex 1, Section I, No. 6 shall be included on the notice in clear, legible font size (this is the reference to driving behaviours in relation to CO2 emissions etc. – see above)
9. The poster will be updated at least every six months.

Section II (Annex 2)

Electronic display screen

1. The poster may be replaced by an electronic display on a screen. The screen used must be mounted/located in such a way that it attracts the consumer's attention with at least the same intensity as a poster.
2. The screen must be at least 25 cm x 32 cm in size (17"). The information can be shown using rolling techniques (scrolling).
3. The requirements in Section I Nos. 2-9 for the poster apply when using a screen according to the following provisos:
 - a) The instructions contained in Appendix 1, Section I, No. 6 are always visible (those relating to driving behaviours etc.; see above as specified)
 - b) The information must be updated at least every three months.

Annex III (ref. Sect. 4, para. 2)

Guide on fuel consumption, CO2 emissions, and electric power consumption

The Guide on fuel consumption, CO2 emissions, and electric power consumption must include at least the following information:

Part I:

1. A reference to the driver that fuel consumption, CO2 emissions and electricity consumption through regular maintenance work on the vehicle, its careful use and a respective driving manner, can be reduced considerably, in particular through a defensive driving style, low travel speeds, preventive braking, sufficient tire pressure and the avoidance of unnecessary engine idling and ballast/ weight;
2. An explanation of the effects of greenhouse gas emissions, the possibility of climate change and the contribution of motor vehicles to the latter, as well as an indication of the options of consumers in the choice of available fuel types and their environmental effects, based on current scientific evidence and applicable laws;

3. A reference to the current objective of the European Union regarding average CO₂ emissions from new passenger cars as well as the deadline for achieving this objective;

4. A reference to the Commission's guide on fuel consumption, CO₂ emissions and power consumption on the internet, if available.

Part II

1. A reference to the drivers that fuel consumption, CO₂ emissions and electricity consumption depend on the production and supply of other energy sources and that the vehicle user, through the use of low carbon fuels and energy, can contribute to the further reduction of CO₂ emissions.

2. A list of all models of new passenger cars offered or exhibited in Germany, on an annual basis, grouped by makes in alphabetical order; The guide is updated at least once a year, so that it contains a list of all models that are offered or exhibited at the time of publication of this update;

3. For each model listed in the Guide – specified/ set out in detail by engine size, power, transmission type (drive), and mass of the vehicle – the fuel type or other energy sources, for fuel type, different grades of a fuel can be summarized (e.g., Super and Super Plus to petrol), CO₂ efficiency rating/ class, the official fuel consumption (urban and highways test cycle values, as well as combined), the official specific CO₂ emissions in the combined test cycle and, where appropriate, the official electric power consumption in the combined test cycle. For passenger car models with more than one liquid or gaseous fuel, the information referred to in sentence 1 must be entered for all fuels. The same is true for externally chargeable hybrid electric vehicles and fuel cell vehicles, where the information referred to in sentence 1 shall be entered for both the fuel and for other energy sources (electric). If several variants and / or versions are summarized under one model, the values of the official fuel consumption, the official specific CO₂ emissions and electricity consumption shall be indicated on the basis of the variant and version with the highest official level. The same applies to the CO₂-efficiency class, for which the lowest (the worst efficiency class of the particular variant or version) is to be indicated on the label. When indicating the mass in any case the highest mass value of each variant or version must be reported.

4. For each fuel type a prominent listing of the ten most fuel-efficient new passenger car models stating the CO₂-efficiency rating, the official fuel consumption in the combined test cycle, the official specific CO₂ emissions in the combined test cycle, and where appropriate, the official electricity consumption in the combined test cycle, beginning with the model with the lowest CO₂ emissions.

The Guide shall not exceed an A4 format

Annex IV

Information on fuel consumption and CO₂ emissions in advertising

Section I (Annex IV)

Promotional literature

1. Details of the official fuel consumption (test cycle values inside and outside built-up areas as well as combined) and the official specific CO₂ emissions in the combined test cycle are to be given for the vehicle model referred to in the promotional literature. If more than one model is advertised, either the values referred to above are to be given for each individual model listed or the range between the worst and the best (*least and most economical*) official fuel consumption in the combined test cycle and the official specific CO₂ emissions in the combined test cycle must be stated.

2. The information must be easy to understand even on a superficial reading, and presented no less prominently than the main part of the advertising message

3. If only the brand is promoted, with no reference to a specific model, then information relating to fuel consumption and CO₂ emissions is not required.

4. If vehicle models are offered for sale or lease in catalogues or in any other printed form in which the interested parties do not see the vehicles displayed, the information quoted in Section I, no. 1, clause 1 is to be given, as well as the CO₂ efficiency class. When stating the efficiency class, both the term "efficiency class" and the corresponding letter of the respective CO₂ efficiency class is to be referred to. Section I, no. 2 applies accordingly. Section I, no. 3 applies accordingly with the proviso that, if the requirements for no. 3 are met, it is not necessary to state the CO₂ efficiency class (*Note: there is no reference to whether fuel consumption data is required; one assumes not, but it may be appropriate to check market practice*).

Section II (Annex IV)

Promotional material distributed by electronic means

1. In promotional material which is distributed in electronic form, the following statement must be included:

"Weitere Informationen zum offiziellen Kraftstoffverbrauch und den offiziellen spezifischen CO₂-Emissionen neuer Personenkraftwagen können dem 'Leitfaden über den Kraftstoffverbrauch, die CO₂ Emissionen und den Stromverbrauch neuer Personenkraftwagen' entnommen werden, der an allen Verkaufsstellen und bei (... Verweis auf die benannte deutsche Stelle oder direkte Verknüpfung zu der Organisation, die mit der Verbreitung der Informationen in elektronischer Form beauftragt ist ...) unentgeltlich erhältlich ist."

(Further information on the official fuel consumption and CO₂ emissions of new passenger cars is obtainable from the official consumption guide which is available free of charge at points of sale and on the website of the (...company or organisation charged with making this information available in electronic form...))

2. If the promotional material refers to a specific new vehicle model, or to a specific version or variant of it, at least the official fuel consumption in the combined test cycle and the official specific CO₂ emissions in the combined test cycle for the vehicle in question must be stated in the manner contained in the label on fuel economy (Annex 1). Section I, no. 3 shall apply accordingly.

3. The information must be easy to understand even on a superficial reading (*i.e. when glanced at quickly*), easily legible, and not be highlighted to any lesser degree (*i.e. no less prominent*) than the main part of the advertising message. It must be ensured that the recipient of the advertising material is made aware of the information within the meaning of Section II, no. 2, clause 1 automatically at the moment when details regarding engine specifications, such as engine output, cubic capacity or acceleration, are displayed on the Internet site for the first time.

4. Anyone showing/ presenting vehicle models on the Internet as a manufacturer or dealer or offering such models for sale or lease (virtual salesroom) must give the information under Section II, no. 2, clause 1 as well as the CO₂ efficiency class, including the graph in accordance with Annex 1 (per Sect. 3, Paragraph 1, no. 1) in the description of the vehicle model and include a reference to the Internet address at which the guidelines on fuel consumption, CO₂ emissions and electric power consumption can be viewed; the dealer can make reference to the relevant pages of the manufacturer's website in relation to the graphic representation. The information must be easy to understand, even when glanced through quickly. It must be ensured that the user is made aware of the information according to Section II, no. 2, clause 1 and the CO₂ efficiency classes, including the graphs (*that means per the label design shown [here](#)*), at the latest at the moment when he/she selects a vehicle model

or has completed a configuration. (*Note: this could also be translated/explained as a list of requirements from on-screen options*)

**Section III
(Annex IV)**

Electronic, magnetic or optical storage media

1. If marketing or advertising by electronic, magnetic or optical storage media, the statement referring to the official consumption guide (under Section II, no 1; "The following statement must be included in online advertising") must be incorporated, in either spoken or visual form

2. Section II, nos 2 and 3 (clause 1) shall apply accordingly. (*i.e. If promoting a specific model, the requirement to provide fuel consumption and CO2 emission data applies, together with the legibility stipulations*)
