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The Swedish Energy Agency's regulations on the obligation to provide consumers with environmental information on fuel (STEMFS 2020:xx)

adopted on xx xx 2020.

By virtue of § 13 of the Fuel Ordinance (2011:346), the Swedish Energy Agency issues the following regulations¹.

Preliminary provisions and definitions

§ 1 These regulations contain provisions on the content and formulation of the environmental information that shall be provided to consumers in accordance with § 11 a, § 11 b, and § 11 c of the Fuel Ordinance (2011:346).

§ 2 Terms and expressions in these regulations are used in the same way as they are used in the Fuel Act (2011:319) and the Fuel Ordinance (2011:346). The following terms are used in the way specified here:

renewable energy: energy based on bio-components; *fossil energy*: energy based on fossil components; *fuel type*: a fuel that meets a certain classification in accordance with §§ 3–15 of the Fuel Act (2011:319) or which meets certain national or international standards for fuels, any other fuels that do not meet classifications or standards, and electricity used as fuel.

product: marketed product of the respective fuel type.

§ 3 Environmental information must not be presented on a website or device for refilling fuel until the Swedish Energy Agency has announced that verification has been performed on the reporting and greenhouse gas calculation that has been carried out in accordance with § 20 of the Fuel Act (2011:319) and Chapter 3, § 1 e of the Act (2010:598) on sustainability criteria for biofuels and bioliquids.

¹ See Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services

Environmental information on devices for refilling fuel

§ 4 All devices intended for the refilling of fuel by consumers shall bear the declaration provided by the fuel suppliers in accordance with § 11 c of the Fuel Ordinance (2011:346). The declaration shall be affixed in such a manner that it is clearly visible to the consumer. There shall be a declaration for each marketed product. The declaration shall contain a reference to the fuel supplier's website where information in accordance with § 5 shall be presented.

The declaration shall contain the following information on each product:

- a. The name under which the product is marketed and the fuel type of the product. If the product does not meet a classification in accordance with §§ 3–15 of the Fuel Act (2011:319), a national or international standard for fuels, or is electricity, then the product shall be designated as *other fuel*.
- b. The product's climate impact in the form of greenhouse gas emissions for its entire life cycle. The climate impact shall be expressed as g CO₂eq/MJ (LCA) and visualised as a bar graph in accordance with Annex 1 and Annex 2. For electricity products, the climate impact shall be expressed as CO₂eq/kWh (LCA).
- c. The share of the product that consists of renewable energy and fossil energy, respectively. The shares shall be stated as percentages in relation to the energy content.

For electricity products, the shares of renewable or fossil energy shall not be stated.

- d. The raw materials used to produce the product and the share of the product constituted by each raw material. The shares shall be stated as percentages in relation to the energy content of the product. Raw materials that make up less than ten per cent of the overall share of the product may be categorised as *other*. The raw material that constitutes the largest share of fossil or renewable energy, respectively, shall always be stated, even if it is less than ten per cent.

For electricity products, the raw material shall be designated as *electricity*.

Annex 1 and Annex 2 show how the declaration shall be formulated.

Environmental information on websites

§ 5 The environmental information shall be presented on the website that the fuel supplier indicated in the declaration that is on the device for refilling fuel. The environmental information on the website shall contain the following information about each product:

- a. The name under which the product is marketed and the fuel type of the product. If the product does not meet a classification in accordance with §§ 3–15 of the Fuel Act (2011:319), a national or

international standard for fuels, or is electricity, then the product shall be designated as *other fuel*.

- b. The product's climate impact in the form of greenhouse gas emissions for its entire life cycle. The climate impact shall be expressed as g CO₂eq/MJ (LCA) and visualised as a bar graph in accordance with Annex 1 and Annex 2. For electricity products, the climate impact shall be expressed as CO₂eq/kWh (LCA).
- c. The share of the product that consists of renewable energy and fossil energy, respectively. The shares shall be stated as percentages in relation to the energy content.

For electricity products, shares of renewable and fossil energy, respectively, can be stated in cases where the data is based on the Act (2010:601) on guarantees of origin for electricity.

- d. The raw materials used to produce the product and the share of the product constituted by each raw material. The shares shall be stated as percentages in relation to the energy content of the product.

For electricity products, the raw material may be stated as *electricity*.

- e. For each raw material used, the respective country/countries of origin shall be specified. The origin of the raw materials shall also be stated as the overall share of the product. The shares shall be stated as percentages in relation to the energy content of the product. If the country of origin is outside the European Union or the EEA, but there is no information on which country is the country of origin, such shall be indicated by *country of origin unknown*.

For electricity products, the country of origin need not be specified.

Annual updating

§ 6 The information shall be updated by no later than 1 October annually, or a later date determined by the Swedish Energy Agency.

Entry-into-force provisions

These regulations shall enter into force on XX

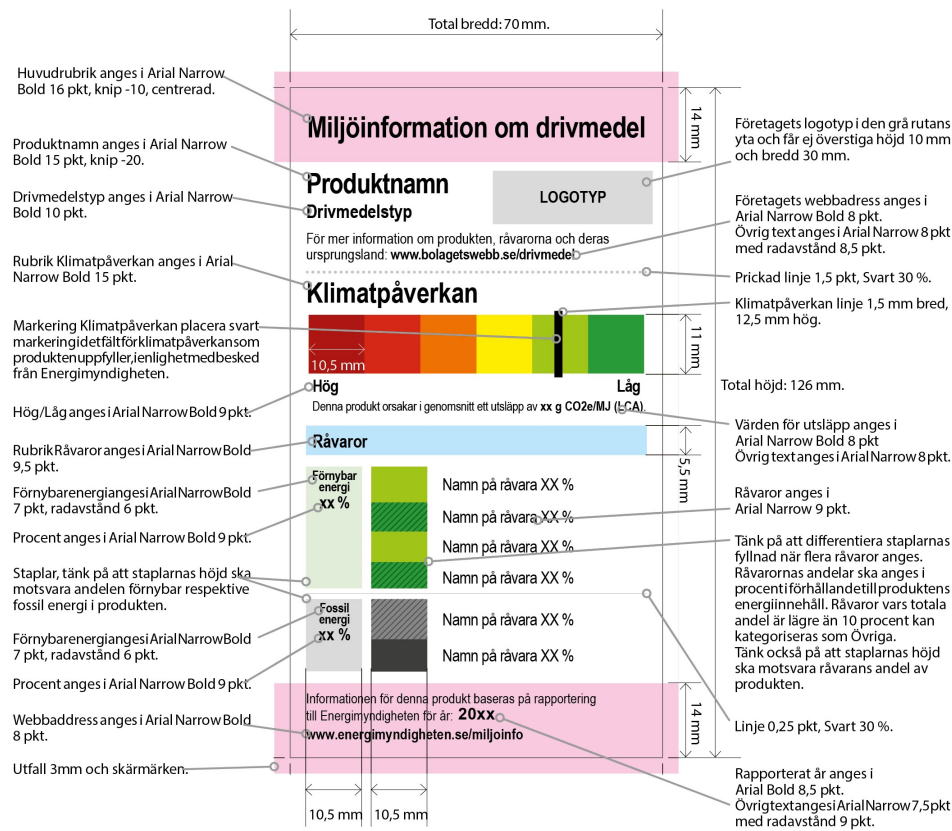
On behalf of The Swedish Energy Agency

Robert Andrén

Ulf Jonson

Annex 1

The declaration that shall be affixed to devices for refilling fuel shall have the following layout:



Färg huvud och fot		Klimatpåverkan staplar					
Färgton 30 %		Färgton 100 %	Färgton 100 %	Färgton 100 %	Färgton 100 %	Färgton 100 %	Färgton 100 %
C 0	C 15	C 10	C 0	C 0	C 45	C 80	
M 100	M 100	M 95	M 65	M 0	M 0	M 10	
Y 0	Y 100	Y 100	Y 100	Y 100	Y 100	Y 100	
K 0	K 20	K 0	K 0	K 0	K 0	K 0	
Råvaror rubrik		Förnybar energi stapel		Fossil energi stapel		Förnybar energi råvaror	
Färgton 30 %		Färgton 20 %		Färgton 20 %		Färgton 100 %	
C 100	C 70	C 0	C 0	C 45	C 80	C 0	C 0
M 0	M 5	M 0	M 0	M 0	M 10	M 0	M 0
Y 0	Y 100	Y 0	Y 0	Y 100	Y 100	Y 0	Y 0
K 0	K 0	K 100	K 100	K 0	K 0	K 100	K 100
Fossil energi råvaror		Raster råvaror					
Färgton 90 %		Färgton 60 %					
C 0	C 0					Färgton 60 %	
M 0	M 0					Linje 0,5 pkt	
Y 0	Y 0					Vinkel 45 °	
K 100	K 100						

Miljöinformation om drivmedel	Environmental information about the fuel
Produktnamn	Product name
Drivmedelstyp	Fuel type

LOGOTYP	LOGO
För mer information om produkten, råvarorna och deras ursprungsland: www.bolagetswebb.se/drivmedel	For more information on the product, raw materials, and their country of origin: www.companywebsite.se/fuel
Klimatpåverkan	Climate impact
Hög	High
Låg	Low
Denna produkt orsakar i genomsnitt ett utsläpp av xx g CO2e/MJ (LCA).	This product results in average emissions of xx g CO2e/MJ (LCA).
Råvaror	Raw materials
Förnybar energi XX %	Renewable energy XX%
Fossil energi XX %	Fossil energy XX%
Namn på råvara XX %	Name of raw material XX%
Informationen för denna produkt baseras på rapportering till Energimyndigheten för år: 20XX www.energimyndigheten.se/miljoinformation	The information for this product is based on reporting to the Swedish Energy Agency for the year: 20XX www.energimyndigheten.se/miljoinformation
Huvudrubrik anges i Arial Narrow Bold 16 pkt, knip -10, centrerad.	Main heading is in Arial Narrow Bold 16 pt, letter spacing -10, centred.
Produktnamn anges i Arial Narrow Bold 15 pkt, knip-20.	Product name is in Arial Narrow Bold 15 pt, letter spacing -20.
Drivmedelstyp anges i Arial Narrow Bold 10 pkt.	Fuel type is in Arial Narrow Bold 10 pt.
Rubrik Klimatpåverkan anges i Arial-Narrow Bold 15 pkt.	The heading 'Climate impact' is in Arial Narrow Bold 15 pt.
Markering Klimatpåverkan placera svart-markeringidetfältförklimatpåverkansom prod uktenuppfyller.ienlig hetmed besked från Energimyndigheten.	The black line is placed on the climate impact scale as determined for the product by the Swedish Energy Agency.
Hög/Låg anges i Arial Narrow Bold 9 pkt.	High/low is in Arial Narrow Bold 9 pt.
Ru brik Råvaror anges i Arial Narrow Bold 9,5 pkt.	The heading 'Raw materials' is in Arial Narrow Bold 9.5 pt.
Förnybar energi anges i Arial Narrow Bold 7 pkt, radavstånd 6 pkt.	Renewable energy is in Arial Narrow Bold 7 pt, line spacing 6 pt.
Procent anges i Arial Narrow Bold 9 pkt.	Percentage is in Arial Narrow Bold 9 pt.
Staplar, tänk p3 att staplarnas höjd ska motsvara andelen förnybar respektive fossil energi i produkten.	Bars: bear in mind that the height of the bars shall correspond to the shares of renewable and fossil energy, respectively, in the product.
Förnybar energi anges i Arial Narrow Bold 7 pkt, radavstånd 6 pkt.	Renewable energy is in Arial Narrow Bold 7 pt, line spacing 6 pt.
Procent anges i Arial Narrow Bold 9 pkt.	Percentage is in Arial Narrow Bold 9 pt.
Webbaddressanges i Arial NarrowBold 8 pkt.	Website address is in Arial Narrow Bold 8 pt.
Utfall 3mm och skärmärken.	Bleed 3 mm and cutting marks.
Företagets logotyp i den grå rutans yta och får ej överstiga höjd 10 mm och bredd 30 mm.	The company logo goes in the grey box and must not exceed 10 mm in height and 30 mm in width.

Företagets webbadress anges i Arial Narrow Bold 8 pkt.	Company website is in Arial Narrow Bold 8 pt.
Övrig text anges i Arial Narrow 8 pkt med radavstånd 8,5 pkt.	Other text is in Arial Narrow 8 pt with line spacing 8.5 pt.
Prickad linje 1,5 pkt, Svart 30 %.	Dotted line 1.5 pt, black 30%.
Klimatpåverkan linje 1,5 mm bred, 12,5 mm hög.	Climate impact line 1.5 mm wide, 12.5 mm high.
Total höjd: 126 mm.	Total height: 126 mm.
Värden för utsläpp anges i Arial Narrow Bold 8 pkt.	Value for emissions is in Arial Narrow Bold 8 pt.
Övrig text anges i Arial Narrow 8 pkt.	Other text is in Arial Narrow 8 pt.
Råvaror anges i Arial Narrow 9 pkt.	Raw materials is in Arial Narrow 9 pt.
Tänk på att differentiera staplarnas fyllnad när flera råvaror anges. Råvarornas andelar ska anges i procentförhållande till produktens energiinnehåll. Råvaror vars totala andel är lägre än 10 procent kan kategoriseras som övriga, länk också på att staplarnas höjd ska motsvara råvarans andel av produkten.	Be sure to use different fills for the bars when multiple raw materials are specified. The shares of raw materials shall be stated as percentages in relation to the energy content of the product. Raw materials that make up less than ten per cent of the overall share can be categorised as <i>other</i> , and bear in mind that the height of the bars shall correspond to the share of the raw material of the product.
Linje 0,25 pkt, Svart 30 %.	Line 0.25 pt, Black 30%.
Rapporterat år anges i Arial Bold 8,5 pkt.	The reported year is in Arial Bold 8,5 pt.
Övrig text anges i Arial Narrow 7,5 pkt med radavstånd 9 pkt.	Other text is in Arial Narrow 7.5 pt with line spacing 9 pt.
Total bredd: 70 mm.	Total width: 70 mm.
Färg huvud och fot	Colour of header and footer
Klimatpåverkan staplar	Climate impact bars
Råvaror rubrik	Raw materials heading
Förnybar energi stapel	Renewable energy bar
Fossil energi stapel	Fossil energy bar
Förnybar energi råvaror	Renewable energy raw materials
Fossil energi råvaror	Fossil energy raw materials
Raster råvaror	Raw materials raster
Färgton 60 %	Tint 60%
Linje 0,5 pkt	Line 0.5 pt
Vinkel 45°	Angle 45°
Färgton 30 %	Tint 30%
Färgton 100 %	Tint 100%
Färgton 20 %	Tint 20%
Färgton 60 %	Tint 60%
Färgton 90 %	Tint 90%

Annex 2

The climate impact, in accordance with § 4(b) and § 5(b), shall be indicated by a value in figures and with a bar graph. The bar graph shall contain six different colour fields in accordance with Annex 1. The black line showing the product's climate performance shall be placed in the quadrant of the colour field where the figure corresponds to the product's climate impact measured as CO₂eq/MJ (LCA) in accordance with the following bar graph and table.

Bar graph 1



Table 1

	G CO ₂ EQ/MJ
20	76 - 80 <
19	72 - 75.9
18	68 - 71.9
17	64 - 67.9
16	60 - 63.9
15	56 - 59.9
14	52 - 55.9
13	48 - 51.9
12	44 - 47.9
11	40 - 43.9
10	36 - 39.9
9	32 - 35.9
8	28 - 31.9
7	24 - 27.9
6	20 - 23.9
5	16 - 19.9
4	12 - 15.9
3	8 - 11.9
2	4 - 7.9
1	0 - 3.9