

**STEMFS  
2025:XX**

**The Swedish Energy Agency's Regulations  
(STEMFS 2025: XX) on reporting under the Fuel Act and  
environmental information on fuels;**

Pursuant to Section 13 of the Fuel Ordinance (2011:346), the Swedish Energy Agency (Energimyndigheten) hereby lays down the following.

**Preliminary provisions and definitions**

**Section 1** These regulations contain provisions on reporting under Section 20 of the Fuel Act (2011:319) and on exemptions from the reporting obligation. The regulations also contain provisions on the content and format of the environmental information to be provided to consumers pursuant to Section 11a of the Fuel Ordinance.

**Section 2** The words and expressions used in these regulations have the same meaning as in the Fuel Act (2011:319) and the Fuel Ordinance.

In addition, *renewable component* means a component of fuel produced from renewable energy or biomass; *fossil component* means a component of fuel of fossil origin.

**Reporting**

**Section 3** At the latest on 1 April each year, an emissions report pursuant to Section 20 of the Fuel Act (2011:319) shall be submitted to the Energy Agency for the previous year. The emissions report shall be submitted in accordance with the reporting template provided by the Swedish Energy Agency.

In cases where the supplier markets several different fuel products that meet the same specification or standard, the different products shall be reported separately under the respective product names; A fuel supplier may market several different products within the same fuel specification.

**Section 4** The emissions report shall include all fuel products that the fuel supplier has delivered and for which tax has become chargeable under the Energy Tax Act (1994:1776) during the year to which the report relates, stating:

1. product type and product name;
2. amount;
3. net calorific value;

4. the energy source of delivered electricity in cases where the electricity has an origin marking or guarantees of origin have been cancelled for the electricity supplied; and
5. greenhouse gas emissions of electricity products.

Only products of electricity used as fuel for road transport shall be reported.

**Section 5** The emissions report shall include all fossil components that are included in delivered fuel products in accordance with Section 3, stating:

1. the product in which the fossil component is included;
2. the type of fossil component referred to in Annex 1;
3. amount;
4. net calorific value; and
5. country of origin of the raw material.

**Section 6** The emissions report shall include all renewable components that are included in delivered fuel products in accordance with Section 3, stating:

1. the product in which the renewable component is included;
2. the type of renewable component according to Annex 1 of STEMFS 2025:XX;
3. amount;
4. net calorific value as set out in Annex 2 of STEMFS 2025:XX;
5. raw material; and
6. country of origin of the raw material.

**Section 7** If the country of origin of the raw material is outside the European Union or the EEA, but there is no information on which country is the country of origin, the emissions report shall state that there is no information on the country of origin.

### **Calculation of greenhouse gas intensity**

**Section 8** As a basis for environmental information, a fuel supplier shall calculate the greenhouse gas emissions for marketed products according to the following formula:

$$GHGi_a = \frac{\sum_s (GHGi_s \times MJ_s)}{\sum_s MJ_s}$$

Where the variables mean the following:

<b>a</b>	fuel products that have been delivered and which shall be reported
<b>s</b>	components of the product to be reported
<b>GHGi<sub>b</sub></b>	greenhouse gas emissions expressed in grams of carbon dioxide equivalent per megajoule for each component included in product a
<b>MJ<sub>b</sub></b>	the energy included in components that are included in product a, expressed as megajoules
<b>GHGi<sub>a</sub></b>	greenhouse gas emissions expressed in grams of carbon dioxide equivalents per megajoule from all renewable components and fossil components included in the product delivered.

**Section 9** When calculating in accordance with Section 8, greenhouse gas emission values from fossil components shall be taken from Annex 1.

**Section 10** When calculating pursuant to Section 8, a fuel supplier shall calculate greenhouse gas emissions from renewable components in the manner set out in Chapter 9 of the Statutes of the Swedish Energy Agency (STEMFS 2025:XX) on sustainability criteria for certain fuels.

If it cannot be ensured that a renewable component meets the sustainability criteria set out in the Act (2010:598) on sustainability criteria for certain fuels, greenhouse gas emissions from the renewable component shall be indicated with an emission value for the closest comparable fossil component in accordance with Appendix 1.

**Section 11** Greenhouse gas emissions from electricity as a fuel shall be calculated on the basis of the share of renewable electricity, fossil electricity and electricity from nuclear power. Emission values for each type of energy source are provided by the Swedish Energy Agency.

## Environmental information

**Section 12** Environmental information shall be presented on a website and, where applicable, on a refill device when the Swedish Energy Agency has

notified that checks have been carried out on reporting and greenhouse gas calculation pursuant to Section 20 of the Fuel Act (2011:319) and Chapter 3, Section 1e of the Act (2010:598) on sustainability criteria for certain fuels.

### **Environmental information on devices for refilling fuel**

**Section 13** All devices intended for the refilling of fuel by consumers shall bear the declaration provided by the fuel supplier in accordance with Section 11c 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 Section 14 below shall be presented.

The declaration shall contain the following information on each product:

1. the sales name of the product and what type of fuel it is. Fuel type shall be stated as *Other fuel* if the product does not meet a classification in accordance with Sections 3-15 of the Fuel Act (2011:319), or if it does not meet a national or international standard for fuels, or if it is electricity.
2. The product's climate impact in the form of greenhouse gas emissions for its entire life cycle. Climate impact shall be expressed in grams of carbon dioxide equivalents per megajoule and visualised in a bar chart in accordance with Appendix 2. For electricity products, climate impact shall be specified in grams of carbon dioxide equivalents per kilowatt hour.
3. 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 in the product. For electricity products, the shares of renewable or fossil energy shall not be stated.
4. 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 comprises the largest proportion of fossil and renewable energy respectively shall always be specified, even if the share is less than 10 %. For electricity products, the raw material shall be expressed as *Electricity*.

Annex 2 shows how the declaration shall be formulated.

### **Environmental information on websites**

**Section 14** The environmental information shall be presented on the website that the fuel supplier has indicated on the declaration at the filling device. The information on the website shall contain the following information about each product:

1. 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

Sections 3-15 of the Fuel Act (2011:319), or a national or international standard for fuels, or is electricity, then the product shall be designated as *Other fuel*.

2. The product's climate impact in the form of greenhouse gas emissions for its entire life cycle. Climate impact shall be expressed in grams of carbon dioxide equivalents per megajoule and visualised in a bar chart in accordance with Appendix 2. For electricity products, climate impact shall be specified in grams of carbon dioxide equivalents per kilowatt hour.
3. 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. Electricity shall be reported broken down into renewable electricity, fossil electricity and electricity from nuclear power. The breakdown shall be based on the information provided by a supplier subject to the provisions of Section 16 of Ordinance (2023:242) on the supply of electricity and aggregation services, or based on the cancellation of guarantees of origin. In cases where the electricity has not been purchased by a supplier covered by the provisions of Section 16 of Ordinance (2023:242) on the supply of electricity and aggregation services, the breakdown shall be based on the latest available residual mix or cancellation of guarantees of origin.
4. 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 shall be indicated on the basis of the energy source based on the information from a supplier covered by Section 16 of Ordinance (2023:242) on the supply of electricity and aggregation services or based on the cancellation of guarantees of origin or on the basis of the latest available residual mix. If the data is available, raw materials shall be given at a higher level of detail than fossil electricity, renewable electricity or electricity from nuclear power.
5. 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 as Country of origin unknown. For electricity products, the country of origin need not be specified. .

## **Annual updating**

**Section 15** Environmental information shall be updated no later than 1 October with regard to the quantities reported no later than 1 April of the same year. The Swedish Energy Agency can specify a later date by which the environmental information must be updated.

### **Entry into force and transitional provisions**

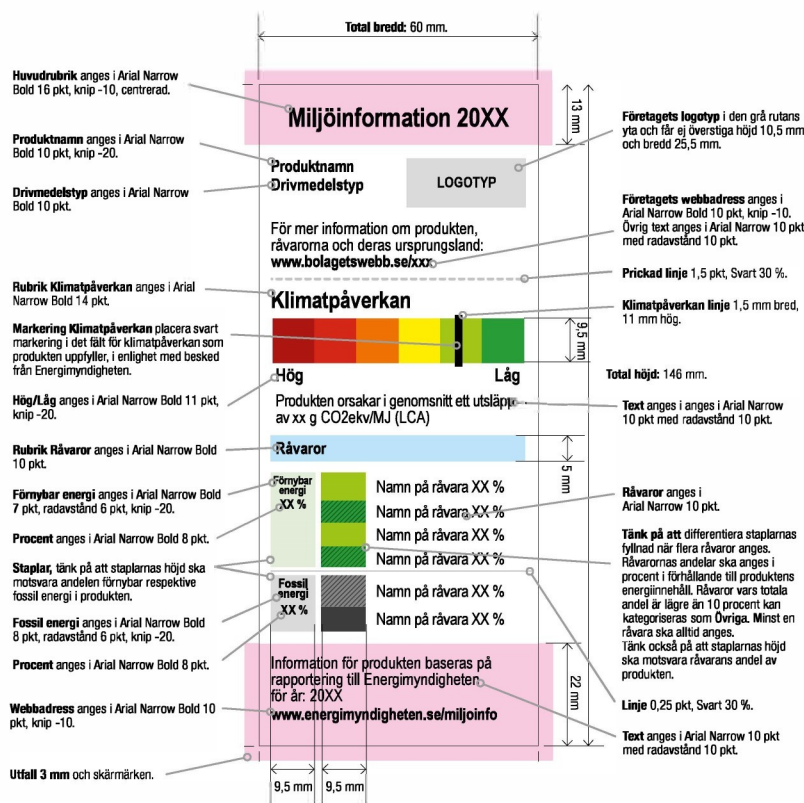
1. These regulations shall enter into force on 1 January 2026.
2. These regulations repeal:
  - a) The Swedish Energy Agency's regulations (STEMFS 2017:3) on reporting and calculating in accordance with the Fuel Act.
  - b) The Swedish Energy Agency's regulations (STEMFS 2021:1) on the obligation to provide consumers with environmental information on fuel.

Greenhouse gas intensity emission values for the entire life cycle of fossil components in fuels

Fossil components in fuels	Greenhouse gas intensity for the entire life cycle (g CO <sub>2</sub> eq/MJ)
Gasoline or diesel from conventional crude oil* or liquefied natural gas	94
Natural gas gaseous (CNG)	69,3
Natural gas liquefied (LNG)	74,5
Hydrogen produced from natural gas by steam reforming	104,3
Other fossil components	172

\* ‘Conventional crude oil’ means any refinery raw material which has an American Petroleum Institute (API) density greater than 10 degrees when in a reservoir formation at its place of origin, measured according to the ASTM D287 test method, and which does not fall within the definition of CN code 2714 laid down in Regulation (EEC) No 2658/87.

Deklarationen som ska fästas på anordningen för påfyllnad av flytande eller gasformigt drivmedel ska utformas på följande sätt:



## Färg huvud och fot

Färgton 30 %
C 0 M 100 Y 0 K 0

## Klimatpåverkan staplar

Färgton 100 %	Färgton 100 %	Färgton 100 %	Färgton 100 %	Färgton 100 %	Färgton 100 %
C 15 M 100 Y 100 K 20	C 10 M 95 Y 100 K 0	C 0 M 65 Y 100 K 0	C 0 M 0 Y 100 K 0	C 45 M 0 Y 100 K 0	C 80 M 10 Y 100 K 0

## Råvaror rubrik

Färgton 30 %
C 100 M 0 Y 0 K 0

## Förnybar energi stapel

Färgton 20 %
C 70 M 5 Y 100 K 0

## Fossil energi stapel

Färgton 20 %
C 0 M 0 Y 0 K 100

## Förnybar energi råvaror

Färgton 100 %	Färgton 100 %
C 45 M 0 Y 100 K 0	C 80 M 10 Y 100 K 0

## Fossil energi råvaror

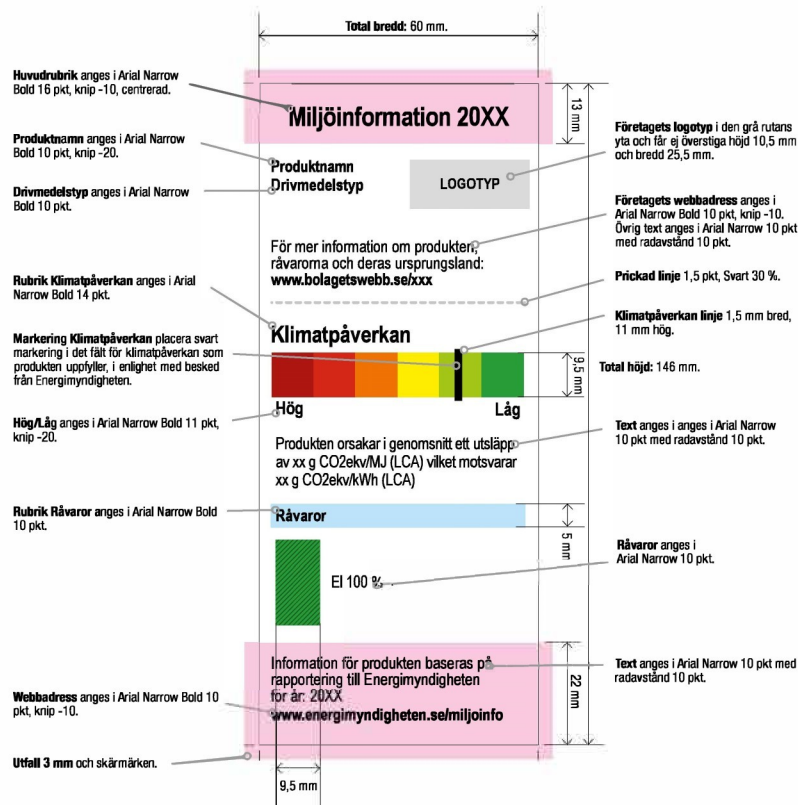
Färgton 90 %	Färgton 60 %
C 0 M 0 Y 0 K 100	C 0 M 0 Y 0 K 100

## Raster råvaror

Färgton 60 % Linje 0,5 pkt Vinkel 45 °
C 0 M 0 Y 0 K 100



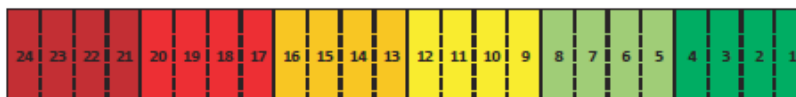
Deklarationen som ska fästas på anordningen för laddning av el ska utformas på följande sätt:



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

The climate impact, in accordance with Section 13(2) and Section 14(2), 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 the declarations above. The black marking showing the product's climate performance shall be placed in the box in the colour field that has the same figure as the product's climate impact. The climate impact is measured in grams of carbon dioxide equivalents per megajoule (LCA), according to the bar chart and table below.

**Stapeldiagram 1**



**Tabell 1**

	g CO <sub>2</sub> ekv/MJ
24	92<
23	88 - 91,9
22	84 - 87,9
21	80 - 83,9
20	76 - 79,9
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

The declaration to be affixed to the device for filling liquid or gaseous fuels shall be drawn up as follows:

Total width: 60 mm

<b>Main heading</b> should be indicated in Arial Narrow Bold 16 pt, indent -10, centred	<b>Environmental information 20XX</b>	
<b>Product name</b> should be indicated in Arial Narrow Bold 10 pt, indent -20 <b>Fuel type</b> indicated in Arial Narrow Bold 10 pt	<b>Product name</b>  <b>Fuel type</b> LOGOTYPE	<b>The company logotype</b> in the area of the grey box and may not exceed height 10,5 mm and width 25,5 mm
	For more information about the product, the raw materials and their country of origin: <a href="http://www.bolagetswebb.se/xxx">www.bolagetswebb.se/xxx</a>	<b>The company web address</b> is to be indicated in Arial Narrow Bold 10 pt, indent -10. Other text should be in Arial Narrow 10 pt with 10 pt line spacing.  <b>Dotted line</b> 1,5 pt, Black 30%
<b>Heading Climate impact</b> should be indicated in Arial Narrow Bold 14 pt	<b>Climate impact</b>	<b>Climate impact line</b> 1,5 mm wide, 11 mm high
<b>Marking Climate impact</b> place a black marking in the field for climate impact that the product meets, in accordance with the Swedish Energy Agency's instructions.  <b>High/Low</b> indicated in Arial Narrow Bold 11 pt, indent -20	<b>High</b> <b>Low</b>  On average, the product causes an emission of xx g CO <sub>2</sub> ekv/MJ (LCA)	<b>Total height:</b> 146 mm  <b>Text</b> should be indicated in Arial Narrow 10 pts with 10 pt line spacing.
<b>Heading Raw material</b> should be indicated in Arial Narrow Bold 10 pt	<b>Raw material</b>	
<b>Renewable energy</b> should be indicated in Arial Narrow Bold 7 pt, 6 pt line spacing, indent -20.	<b>Renewable energy</b> Name of raw material XX % <b>XX %</b>	<b>Raw material</b> should be indicated in Arial Narrow 10 pt.
<b>Percentage</b> should be indicated in Arial Narrow Bold 8 pt.	<b>Fossil Energy</b> Name of raw material XX % <b>XX %</b>	Remember to differentiate the fill of the bars when several

<p><b>Bars</b>, Please note that the height of the bars should correspond to the proportion of renewable and fossil energy in the product.</p> <p><b>Fossil energy</b> should be indicated in Arial Narrow Bold 8 pt, 6 pt line spacing, intent -20.</p>		<p>raw materials are specified. The proportions of the raw materials must be specified as a percentage of the product's energy content. Raw materials whose total proportion is less than 10 per cent can be categorised as Other. At least one raw material must always be specified.</p> <p>Also remember that the height of the bars should correspond to the ingredient's proportion of the product.</p>
<p><b>Percentage</b> should be indicated in Arial Narrow Bold 8 pt.</p> <p><b>Web address</b> should be indicated in Arial Narrow Bold 10 pt, indent -10.</p>	<p>Information for the product is based on reporting to the Swedish Energy Agency for year: 20XX <b>www.energimyndigheten.se/miljainfo</b></p>	<p><b>Line</b> 0,25 pt, Black 30 %</p> <p><b>Text</b> should be indicated in Arial Narrow 10 pt with 10 pt line spacing.</p>
<b>Protrusion</b> 3 mm and cut marks		

Color header and footer  
Color tone  
30%

Climate impact bars  
Color tone  
100%

Raw material heading Renewable energy bar Fossil energy bar Renewable energy raw material Fossil energy raw material Raster raw material

Color tone 60%  
Line 0,5 pt  
Angle 45°

## STEMFS 2025:X

The declaration to be affixed to the electric charging device shall be drawn up as follows:

**Total width: 60 mm**

<b>Main heading</b> should be indicated in Arial Narrow Bold 16 pt, indent -10, centred	<b>Environmental information 20XX</b>	
<b>Product name</b> should be indicated in Arial	<b>Product name</b>	<b>The company logotype</b> in the area

Narrow Bold 10 pt, indent -20  <b>Fuel type</b> should be indicated in Arial Narrow Bold 10 pt	<b>Fuel type</b> LOGOTYPE	of the grey box and may not exceed height 10,5 mm and width 25,5 mm
	For more information about the product, the raw materials and their country of origin: <b>www.bolagetswebb.se/xxx</b>	<b>The company web address</b> is to be indicated in Arial Narrow Bold 10 pt, indent -10. Other text should be in Arial Narrow 10 pt with 10 pt line spacing.  <b>Dotted line</b> 1,5 pt, Black 30%
<b>Heading Climate impact</b> should be indicated in Arial Narrow Bold 14 pt	<b>Climate impact</b>	<b>Climate impact line</b> 1,5 mm wide, 11 mm high
<b>Marking Climate impact</b> place a black marking in the field for climate impact that the product meets, in accordance with the Swedish Energy Agency's instructions.  <b>High/Low</b> indicated in Arial Narrow Bold 11 pt, indent -20	<b>High</b> <b>Low</b>  On average, the product causes an emission of xx g CO <sub>2</sub> ekv/MJ (LCA) which corresponds to xx g CO <sub>2</sub> ekv/kWh (LCA)	<b>Total height:</b> 146 mm  <b>Text</b> should be indicated in Arial Narrow 10 pts with 10 pt line spacing.
<b>Heading Raw material</b> should be indicated in Arial Narrow Bold 10 pt	<b>Raw material</b>  Electricity 100%	<b>Raw material</b> should be indicated in Arial Narrow 10 pt.
<b>Web address</b> should be indicated in Arial Narrow Bold 10 pt, indent -10.	Information for the product is based on reporting to the Swedish Energy Agency for year: 20XX <b>www.energimyndigheten.se/miljainfo</b>	<b>Text</b> should be indicated in Arial Narrow 10 pt with 10 pt line spacing.
<b>Protrusion</b> 3 mm and cut marks.		

#### Color header and footer

Color tone  
30%

#### Climate impact bars

Color tone  
100%

Raw material heading   Renewable energy bar   Fossil energy bar   Renewable energy raw material   Fossil energy raw material   Raster raw material

Color tone 60%  
Line 0,5 pt  
Angle 45°

**Bar chart 1**

**Table 1**