

Sweden	Electricity	Natural Gas including (bio)methane	Hydrogen	Other Gas	Heating/Cooling	Space for comments	
	[Author]	[Author]	[Author]	[Author]	[Author]		
	Actual implementation in the MS	Actual implementation in the MS	Actual implementation in the MS	Actual implementation in the MS	Actual implementation in the MS		Instructions for assessment/explanations
	[Please fill in date on which you filled in]	[Please fill in date on which you filled in]	[Please fill in date on which you filled in]	[Please fill in date on which you filled in]	[Please fill in date on which you filled in]		
<b>General</b>							
Does your member state have a disclosure obligation for origin of supplied/consumed energy?	Yes	Not yet	Not yet	Not yet	Not yet		Yes/No
- If yes, To which economic operators does it apply?	The suppliers ( <a href="https://ei.se/download/18.5b0e2a2a176843ef8f5b66/161">https://ei.se/download/18.5b0e2a2a176843ef8f5b66/161</a> )	Not applicable	Not applicable	Not applicable	Not applicable		Please specify (categories like: regulated suppliers, corporate consumers, all, ...)
- If yes, Under what rules it is governed?		Not applicable	Not applicable	Not applicable	Not applicable		Please name the relevant regulations and provide a reference (preferably a version in English)
When did the regulation(s) regarding disclosure initially come into force?	2013	Not applicable	Not applicable	Not applicable	Not applicable		Please name the date in which the regulation(s) initially came into force. <b>Date format: YYYY-MM-DD</b>
When was the last revision of the disclosure regulation(s)	2013	Not applicable	Not applicable	Not applicable	Not applicable		Please name the date of the last revision of the disclosure regulation(s)
who is the Competent Body in charge for the supervision of disclosure?	The Swedish Energy Markets Inspectorate	Not applicable	Not applicable	Not applicable	Not applicable		Please specify name
- Since when are they in charge of supervision of disclosure?	2013	Not applicable	Not applicable	Not applicable	Not applicable		Please specify date
- Under which legal nomination (law/decree/decision) are they appointed as competent body?	2013:242 om leverans av el och aggregeringstjänster (2023:242)	Not applicable	Not applicable	Not applicable	Not applicable		Provide reference to legal nomination
Are GOs the only instrument for disclosing known origin in disclosure statements to final customers?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No
- If no, please specify the other instruments							Please specify
Which measures are in place for supervision of suppliers regarding their disclosure of the origin of the gas of their supply?							Gas only, please describe
Do suppliers submit samples of their invoices to the disclosure supervisor?	No	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No. Disclosure supervisor for <b>electricity</b> : the authority supervising the obligation on suppliers to inform their clients about their supplier mix and product mix according to Electricity Directive 2019/944, Annex I, Article 5 Disclosure of energy sources.
- If yes, how often?							Please specify frequency
Is there a public report on the result of the disclosure supervision?	No	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No
- If yes, where can it be found?							Please specify
If a supplier is active in multiple Member States: does the supplier mix in your country/region account for this?	No						Yes/No
- If yes: how does this influence the supplier mix in your country/region?							Please specify
<b>Implementation of Article 19 (8) of the Directive 2018/2001 and amended with 2023/2413</b>							
Have you fully implemented the requirements of Art. 19 (8) of Directive 2018/2001(EU) amended with 2023/2413(EU)	Not yet	No	No	No	No		Yes/No
- If not, please specify which elements you have not implemented yet.	The national residualmix, since we	We do not have guarantees of origin for gas and therefore no residualmix nor	We do not have guarantees of origin for	We do not have guarantees of origin for	We do not have guarantees of origin for		Please specify
<b>Unit of energy represented by a GO</b>							
Is the unit of a GO MWh?	Yes	Not sure, see comment	Not sure, see comment	Not sure, see comment	Not sure, see comment	D-G, not implemented	Yes/No
Do you use smaller units than MWh for GOs?	No	Not sure, see comment	Not sure, see comment	Not sure, see comment	Not sure, see comment	D-G, not implemented	Yes/No
Is the standard size for smaller size GOs equal to 1 Wh?	Not applicable	Not sure, see comment	Not sure, see comment	Not sure, see comment	Not sure, see comment	D-G, not implemented	Yes/No
- If no: please specify							please specify
Do you differentiate the different units in the disclosure statements? Please explain your methodology	Not applicable	Not sure, see comment	Not sure, see comment	Not sure, see comment	Not sure, see comment	D-G, not implemented	Yes/No, please specify
- If no: please specify							please specify
<b>Customer specific disclosure</b>							
Can a supplier tailor a dedicated product to a specific consumer?	The suppliers are only obliged to disclose their total energy mix for a specific year	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No.

Can a consumer cancel their own GOs?	Yes					In theory yes. If a consumer creates and account and buy GOs. Although, it's probably more economical to just buy RE electricity from a supplier	Yes/No.
Can other parties than licensed suppliers cancel GOs?	Yes					Brokers etc	Yes/No.
Please describe the principles in case any of the above three questions apply, meaning that <i>customer specific disclosure</i> is allowed.							<i>Please describe</i>
<i>Please describe how the customer specific disclosure is executed in the registry?</i>	Suppliers cancel GOs for the same amount as supplied electricity with tracked origin.						<i>Please describe the process; do customers have direct access to the registry, do you allow product mixes, etc?</i>
<i>- If yes: Is the Competent Body for disclosure responsible for supervising customer specific statements?</i>							Yes/No
<i>- If yes: are there any limitations for customer specific disclosure in place? Please specify</i>							<i>please specify, e.g.: only customers of a certain size receive customer specific disclosure options, etc.</i>
When offered energy products include claims on the origin of the energy, are they always exclusively based on cancelled GOs?	No					Disclosure obligation only apply for electricity suppliers.	Yes/No, please specify
<i>- If no: please specify</i>							<i>please specify: when are deviations possible, what are claims based on otherwise.</i>
When suppliers are offering two or more products, distinct in origin of energy: are they required to give product-related disclosure information to all their customers, including for the "default" product for those customers who do not choose a specific product?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No. Note that under Electricity Directive 2019/944, Annex I, Article 5, each electricity product must have a product mix. Default product: the product a customer gets if they don't make an explicit choice of supplier and product, in case it is different from other commercial products.
<i>- If no, please specify</i>							<i>please specify</i>

#### Calculations of Residual Mixes

Gas only: Does your Member State calculate the residual mix for gases?	No	No	No				Yes/No
<i>- If yes, which method is used to determine this?</i>							<i>Please specify</i>
<i>- If yes, who calculates the Residual Mix in your Member State?</i>							<i>Name of organisation</i>
<i>- Weblink to the results of the national publication of the residual mix</i>							<i>weblink or explanation from when onwards this is expected</i>
Electricity only: Do you use the data of the Residual Mix calculated by the AIB?	No						Yes/No
<i>- If no, please specify which data you use?</i>	We use data that Grexel delivers us based on the Nordic residualmix						<i>Please specify</i>

#### Timing of disclosure

Do the production periods for issuing GOs coincide with the disclosure periods?	No					GOs are issued continually, disclosure is a fixed period	Yes/No
Are GOs valid for transactions for more than 12 months after the production of the energy unit?	No						Yes/No
<i>- If yes, please specify</i>							<i>Please specify</i>
Do GOs that have not been cancelled expire at the latest 18 months after the production of the energy unit?	Not applicable						Yes/No
<i>- If no, please specify</i>							<i>Please specify</i>
Are expired GOs collected into the Residual Mix (by fulfilling the statistic requirements of AIB)?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No
<i>- If no, please specify</i>							<i>Please specify</i>
Do the cancelled GOs for disclosure in year X+1 refer to the production of year X?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No (No meaning: no GOs from previous or future production years can be used for the disclosure period)
<i>- If no, please specify the handling</i>							<i>Please specify</i>
When is the deadline for disclosure?	The 1st of July year X+1	Not applicable	Not applicable	Not applicable	Not applicable		<i>please specify; ex. 31 March Year X+1</i>

#### Usage ex-domain cancellations



Do you accept for disclosure imported GOs from other countries than EU and EEA?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No. This question is merely oriented towards countries from EU and EEA, but others are welcome to fill in
- If yes, since when?	2013	Not applicable	Not applicable	Not applicable	Not applicable		Please specify
- If yes, please name the countries from which you accept imported GOs for disclosure	other members of the European Economic Area except Switzerland and Serbia						Please specify
- If yes, please specify the reasoning for accepting	The disclosure is based on the same rules for origin of guarantees.						Please specify
Does the Domain treat imported GO as national GO when it comes to disclosure?	Yes						Yes/No
- If no, please specify							Please specify
Does the customer get information on the country of origin of the GOs in the disclosure statement?	No	Not applicable	Not applicable	Not applicable	Not applicable		Yes, please specify where and how/No

#### Information on Environmental Parameters

Does the supplier mix include information on environmental impacts?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No. Note the legal requirement for such information for electricity : Electricity Directive 2019/944, Annex I, Article 5(b)
Please indicate the data source for disclosing environmental information with the supplier mix?	Grexel delivers the residual mix and the environmental information, CO2 and nuclear fuel waste is based on the calculations by Grexel	Not applicable	Not applicable	Not applicable	Not applicable		Please describe how it is done in the Domain
Is there information on the guarantee of origin issued in your domain about meeting sustainability criteria and emission savings?	No						
- If yes, in segments where compliance with sustainability and emission saving criteria is required (e.g. transport or heating), do you require that the supply (consumption) in this segment is confirmed by a GO?							
- If not, how is such consumption demonstrated and how is it reflected in the residual mix?							
How do you treat sustainability information in disclosure statements?	The Swedish Energy Markets Inspectorate (EI) makes sure that the suppliers follows the law and discloses their energy suppliers mix on the energy bill. Ei also makes sure that the amount of disclosed GO matches the amount of annulled GOs.	Not applicable	Not applicable	Not applicable	Not applicable		please describe

#### Information on Disclosure communication

Is the annual disclosure of the supplier mix displayed on the energy bill?	Yes	Not applicable	Not applicable	Not applicable	Not applicable		Yes/No
- If no, please specify where it is displayed.							Please describe
Is disclosure information of different suppliers centrally available (e.g. reports) ?	No	Not applicable	Not applicable	Not applicable	Not applicable		Pls. Provide short explanation plus reference to website/regulation.
If not, how is such consumption demonstrated and how is it reflected in the residual mix?	RM is calculated on an aggregated level no by supplier.						
Is there an official regulation on communication of aspects related to additionality or ecological quality aspects together with disclosure? Please describe.	No	Not applicable	Not applicable	Not applicable	Not applicable		Pls. Provide short explanation plus reference to website/regulation.

#### Regulations on Power Purchase Agreements (PPAs)

In terms of disclosure, how do you treat energy that is bought in a competitive setting or in a long-term purchase agreement?	Swedish legislation. Only suppliers has to disclose their	Not applicable	Not applicable	Not applicable	Not applicable		Please describe
Who is responsible for disclosing/cancelling the GOs for competitive settings or long-term purchase agreements?	This is not covered by Swedish legislation	Not applicable	Not applicable	Not applicable	Not applicable		supplier/plant operator/customer? Please specify

#### Energy Storage



Who is in charge of collecting statistics for Proofs of Sustainability (PoS) issued in your Domain?	N/A						Please name the organisation in charge
When are the data for the PoS made available?							Please specify
Is it possible to issue a PoS and a GO for the same energy production?	N/A						Yes/No
- If no, how is this ensured that only one of the two instruments is provided to a producer?							Please specify
- If yes, can the PoS be allocated to a different consumer than the consumer for whom the GO is cancelled?							Please specify
- If only a PoS can be issued, how will you ensure that the new obligation for gas suppliers under RED III Article 19(8) is fulfilled?							
How does a GO interact with a PoS, please describe the process/cooperation	n/A						Please specify

#### Timeline of disclosure

When is the residual mix communicated to suppliers?	Early in June every year						Indicate approximate timing every year
When do suppliers provide disclosure figures (product mixes) to the disclosure authority?	They do not. The suppliers present their disclosure on the energy bill and perhaps their website						Indicate approximate timing every year
When does the disclosure authority validate and publish the disclosure figures: product mixes, supplier mixes, other disclosure mixes (if applicable)?	Not applicable						Indicate approximate timing every year
When do the suppliers inform their clients about the disclosure figures?	1st of July year X+1 at the latest.					same question as row 67?	Indicate approximate timing every year. E.g., is it by the 1st September of year X+1 for disclosure figures of year X or another deadline?

#### GO usage per system boundary

Do you have rules in place that restrict the usage of GOs to a certain system boundary? - If yes, please specify	Yes, for export the system boundary is within members of AIB. Import CH, RS is restricted because of no agreement with the EU						Yes/No (E.g. are there restrictions for where to use electricity GOs? Can hydrogen GOs be used for consumption from the natural gas grid? Can biomethane GOs be used for consumption from a hydrogen grid? Any specifics on vehicle transported gases? Restrictions on where heating and cooling GOs can be used? e.g. can heating and cooling GOs be exported? can they be used on another heating grid than where they were produced? etc)
For Gas GOs, what defines the Network Characteristics for which a certain Gas GO may be cancelled, in line with REDIII art. 19.8?							Please specify
Will you allow cancellation of methane GOs for consumption in a Hydrogen System?							Please specify
Will you allow cancellation of Hydrogen GOs for consumption in a Natural Gas System?							Please specify
Which GOs are allowed for consumption of vehicle transported gases?							Please specify
Which GO usage restrictions apply in relation with the Dissemination Level for which the GO is issued?	Not yet implemented						(see EECs Fact Sheet 20 for values of Dissemination Level on GOs - Expected to be also in CEN EN16325 annex E)
Does your member state publicly provide GO cancellation statistics per consumption category? - If yes, into which consumption categories are statistics divided?	YES						Yes/No (e.g. cancellation for final consumption / for energy carrier conversion / for input into energy storage / for transition into another certification scheme)
Does your member state provide GO cancellation statistics for energy that changes dissemination level during its chain of custody?	No						Yes/No
Do you distinguish different types of GO cancellations: cancellations for final energy consumption vs. GO cancellation for input into energy carrier conversion, for storage, for transitioning into another certification mechanism or other?	No						Yes/No/Please specify

Does your member state provide statistics on GOs that are cancelled for input into energy carrier conversion (= for GO Conversion Issuance)?	No						Yes/No
Link to the detailed cancellation statistics	No						weblink

#### Supervision on Disclosure obligation

What measures are in place for supervision of suppliers regarding their disclosure of the origin of the gas of their supply?	We do not supervise disclosure of the origin of gas since we have not implemented GO for gas	Not applicable	Not applicable	Not applicable	Not applicable		Please describe
Is there a public report on the result of the disclosure supervision?	No						Yes/No
- If yes, where can it be found?							Please specify

#### Union Database (UDB) and disclosure supervision

Will a link between GO Registry and UDB be provided in your domain?							Yes/No
- If yes: which institution/authority will provide this?							
Will the Disclosure Competent Body have access to the UDB?							
What mechanism is in place for the interaction between the GO registry and the UDB?							Please describe
- If none yet, what ideas or plans are there regarding the future for this interaction between GOs and UDB?							
Is data from the Union Database for sustainable biofuels checked to confirm the location of renewable energy consumption?							Please describe
- If yes, please describe the principles of this check							
Is a consistency check done regarding information in the UDB and the beneficiary of cancelled GOs for the same gas?							Please describe

#### Member States reporting to EC on GO statistics and renewable energy consumption

Which principles do you use to report GO statistics and renewable energy consumption in annex XVI of the implementing Act C(2022) 8251?	Not sure, see comment					Link is access denied. Cant find the directive	<a href="#">annex XVI of the implementing Act C(2022) 825</a>
Do the reported figures differ from your published GO statistics?	Not sure, see comment						Yes/No
- If yes, how do they differ?							Please describe
Do the reported figures differ from the reported consumption data for the annual residual mix exercise?	Not applicable						Yes/No
- If yes, how do they differ?							Please describe

#### Suggestion on Improvement

Which improvement suggestions do you have regarding the residual mix calculation method?	No comment						Please describe
Which improvement suggestions do you have regarding this questionnaire?	No comment						Please describe