

[Please fill in Country]	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]							
General							
Does your member state have a disclosure obligation for origin of supplied/comsumed energy?	Yes	Not yet	Not yet	Not yet	Not yet		Yes/No
- If yes, To which economic operators does it apply?	Electricity suppliers						Please specify (categories like: regulated suppliers, corporate consumers, all, ...)
- If yes, Under what rules it is governed?	The act on Energy (Official Gazzete, No. 120/12, 14/14, 102/15, 68/18) and Methodology for determining origin of electricity (Official Gazzete, No. 133/14)						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?	2014						Please name the date in which the regulation(s) initially came into force. Date format: YYYY-MM-DD
When was the last revision of the disclosure regulation(s)	2019						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?	HERA (NRA) and HROTE						Please specify name
- Since when are they in charge of supervision of disclosure?	2014						Please specify date
- Under which legal nomination (law/decreet/decision) are they appointed as competent body?	The act on Energy (Official Gazzete, No. 120/12, 14/14, 102/15, 68/18) and Methodology for determining origin of electricity (Official Gazzete, No. 133/14)						Provide reference to legal nomination
Are GOs the only instrument for disclosing known origin in disclosure statements to final customers?	Yes						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							Gas only, please describe
Do suppliers submit samples of their invoices to the disclosure supervisor?	Yes						Yes/No. Disclosure supervisor for electricity : 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?	once a year						Please specify frequency
Is there a public report on the result of the disclosure supervision?	Yes						Yes/No
- If yes, where can it be found?	www.hrote.hr						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
Implementation of Article 19 (8) of the Directive 2018/2001 and amended with 2023/2413							
Have you fully implemented the requirements of Art. 19 (8) of Directive 2018/2001(EU) amended with	Yes	Not yet	Not yet	Not yet	Not applicable		Yes/No

- If not, please specify which elements you have not implemented yet.		RED3 is still to be transposed	RED3 is still to be transposed	RED3 is still to be transposed	RED3 is still to be transposed		Please specify
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Unit of energy represented by a GO							
Is the unit of a GO MWh?	Yes	Yes	Yes	Yes	Yes		Yes/No
Do you use smaller units than MWh for GOs?	No						Yes/No
Is the standard size for smaller size GOs equal to 1 Wh?	Not applicable						Yes/No
- If no: please specify							please specify
Do you differentiate the different units in the disclosure statements? Please explain your methodology	Not sure, see comment						Yes/No, please specify
- If no: please specify	Disclosure is predominantly carried out in kWh (consumption) and percentages for structure						please specify

Customer specific disclosure							
Can a supplier tailor a dedicated product to a specific consumer?	yes	Not yet	Not yet	Not yet	Not yet		Yes/No.
Can a consumer cancel their own GOs?	No						Yes/No.
Can other parties than licensed suppliers cancel GOs?	No						Yes/No.
Please describe the principles in case any of the above three questions apply, meaning that <i>customer specific disclosure</i> is allowed.	Supplier can have a specificity supply contract						Please describe
Please describe how the customer specific disclosure is executed in the registry?	Suppliers cancel GOs with a specific purposes.						Please describe the process; do customers have direct access to the registry, do you allow product mixes, etc?
- If yes: Is the Competent Body for disclosure responsible for supervising customer specific	No						Yes/No
- If yes: are there any limitations for customer specific disclosure in place? Please specify							please specify, e.g.: only customers of a certain size receive customer specific disclosure options, etc.
When offered energy products include claims on the origin of the energy, are they always exclusively based on cancelled GOs?	Yes						Yes/No, please specify
- If no: please specify							please specify: when are deviations possible, what are claims based on otherwise.
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						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.
- If no, please specify							please specify

Calculations of Residual Mixes							
Gas only: Does your Member State calculate the residual mix for gases?		Not yet	Not yet	Not yet			Yes/No
- If yes, which method is used to determine this?							Please specify
- If yes, who calculates the Residual Mix in your Member State?							Name of organisation
- Weblink to the results of the national publication of the residual mix							weblink or explanation from when onwards this is expected
Electricity only: Do you use the data of the Residual Mix calculated by the AIB?	No						Yes/No

- If no, please specify which data you use?	Eurelectric for Third countries						Please specify
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Timing of disclosure

Do the production periods for issuing GOs coincide with the disclosure periods?	No						Yes/No
Are GOs valid for transactions for more than 12 months after the production of the energy unit?	No						Yes/No
- If yes, please specify							Please specify
Do GOs that have not been cancelled expire at the latest 18 months after the production of the energy unit?	Yes						Yes/No
- If no, please specify							Please specify
Are expired GOs collected into the Residual Mix (by fulfilling the statistic requirements of AIB)?	Yes						Yes/No
- If no, please specify							Please specify
Do the cancelled GOs for disclosure in year X+1 refer to the production of year X?	Yes						Yes/No (No meaning: no GOs from previous or future production years can be used for the disclosure period)
- If no, please specify the handling							Please specify
When is the deadline for disclosure?	31.03. of X+1						please specify; ex. 31 March Year X+1

Usage ex-domain cancellations

Do you issue your GOs under the European Energy Certificate System (EECS) of AIB?	Yes						Yes/No
Do you allow for ex-domain cancellations, which means cancelling a GO in your registry for the usage in another registry?	Yes						Yes/No
- If yes, please describe under which conditions?	XXXXXX						please describe
- If yes, are ex-domain cancellations reported to the AIB for statistical purposes?	XXXXXX						Yes/No
How do you ensure that GOs, cancelled for another domain, are not also claimed for consumption in your own domain?	Cancellations in the national registry are always approved by HROTE						please describe

Introduction of full disclosure and purposes of the GO

Have you implemented a full disclosure system in your	No						Yes/No
- If yes, since when?							Date
Do GOs have a function in terms of target compliance and are used as support instrument?	No						Yes/ No (in case all GOs are linked to disclosure)
Is a GO the only "tracking certificate" used?	No						Yes/No
- If no: Are any other tracking systems of a similar purpose and function as GO closely coordinated with GO?	Yes						
- If no: please name the other organisations active in the market (voluntary schemes/non governmental bodies/private initiatives), their role and the task they perform.	HROTE tracks electricity sold from producers in the national FIT support scheme via suppliers to end customers (regulated buyoff and sale using market shares)						Please specify
Besides GO, is there only the Residual Mix available for usage for disclosure?	No						Yes/No (No meaning there are other tracking mechanisms accepted)

- If no, please specify	Explicit tracking of electricity sold from producers in the national FIT support scheme via suppliers to end customers							Please specify
Are GOs issued for self-consumed energy?	no							Yes/No
- If yes: what are the rules on disclosure for such GOs?								Please specify

Recognition of GOs from other countries								
Do you have criteria in place for accepting foreign GO for disclosure?	Yes							Yes/No
- If yes: Since when are these criteria in place?	2013							Please specify
- If yes: Are the criteria transparently published in your country?	Yes							Please specify and indicate where those are published. If electronically please provide a link.
Are the conditions for the recognition of GOs from other countries based on Art. 19 of Directive 2018/2001/EC and 2023/2413/EC or compatible national legislation?	No							Yes/No
Do you recognise GOs from other countries that have not implemented a disclosure system?	No							Yes/No
Do you recognise GOs from other countries that have not implemented appropriate measures to effectively avoid double counting of GOs?	No							Yes/No
Do you accept imported GOs for disclosure from all EU member states and other members of the European	Not sure, see comment							Yes/No
- If no, please name the countries from which you do not accept imported GOs for disclosure	Technical reasons (AIB)							Please specify
- If yes, please specify the reasoning for accepting								Please specify
Do you accept imported GOs from parties to the Energy Community Treaty?	Not yet							Yes/No
- If yes, please name the countries from which you do import								Please specify
- If yes, please specify the reasoning for accepting								Please specify
Do you accept for disclosure imported GOs from other countries than EU and EEA?	No							Yes/No. This question is merely oriented towards countries from EU and EEA, but others are welcome to fill in
- If yes, since when?								Please specify
- If yes, please name the countries from which you accept imported GOs for disclosure								Please specify
- If yes, please specify the reasoning for accepting								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							Yes, please specify where and how/No

Information on Environmental Parameters								
Does the supplier mix include information on environmental impacts?	No							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?	N/A						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?	Disclosure is specified only for structure of primary energy sources. Disclosure of other inf (CO ₂ , nuc. Waste, etc.) is only generally prescribed by primary legislation.						
How do you treat sustainability information in disclosure statements?	N/A						please describe

Information on Disclosure communication

Is the annual disclosure of the supplier mix displayed on the energy bill?	Not sure, see comment						Yes/No
- If no, please specify where it is displayed.	Suppliers are require to send an annual disclosure report either with the bill or separately						Please describe
Is disclosure information of different suppliers centrally available (e.g. reports) ?	yes						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?							
Is there an official regulation on communication of aspects related to additionality or ecological quality aspects together with disclosure? Please describe.	no						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 power purchase agreement?	No particular handling. GOs can be a part of an PPA.						Please describe
Who is responsible for disclosing/cancelling the GOs for competitive settings or long-term purchase agreements?	Depends on the PPA.						supplier/plant operator/customer? Please specify

Energy Storage

Can storage prolong the lifetime of a GO for more than 12 month after the production of the energy unit?	No						Please describe
Does your system facilitate "Storage Issuance" (= cancel GOs for the input into storage and issue GOs for the storage output, with new production period?)	No						Yes/No
- If yes, do you provide separate cancellation statistics for energy that goes into storage?							Please describe
- If yes, do GO issuance statistics have a separate category for energy released from storage?							Please describe

Other Reliable Tracking Systems (RTS)

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?	by May 31st of X+1						Indicate approximate timing every year
When do suppliers provide disclosure figures (product mixes) to the disclosure authority?	by July 31st of X+1						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)?	by September 30th of X+1						Indicate approximate timing every year
When do the suppliers inform their clients about the disclosure figures?	August X+1						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	No						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?	N/A						(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?	No						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							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?	There are measures for ELECTRICITY. Cross checking of GOs in relation to consumed electricity with GO claims is under development.						Please describe
Is there a public report on the result of the disclosure supervision?	Not yet						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? - If yes: which institution/authority will provide this?							Yes/No
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? - If none yet, what ideas or plans are there regarding the future for this interaction between GOs and UDB?							Please describe
Is data from the Union Database for sustainable biofuels checked to confirm the location of renewable energy consumption? - If yes, please describe the principles of this check							Please describe
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?	Data is retrieved from the Registry						annex XVI of the implementing Act C(2022) 825
Do the reported figures differ from your published GO statistics? - If yes, how do they differ?	No						Yes/No Please describe
Do the reported figures differ from the reported consumption data for the annual residual mix exercise? - If yes, how do they differ?	No						Yes/No Please describe

Suggestion on Improvement

