

# Report on status of implementation of proposed recognition criteria in Euro- pean countries EU28+CH+NO+IS

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## 1 Introduction

Guarantees of Origin (GO) for electricity produced from renewable sources are implemented in European countries based on Art. 15 of RES Directive 2009/28/EC. Such GOs are traded in an internal market, and the RES Directive requires individual Member States, in principle, to recognise GOs from other Member States. The details on how such recognition could take place, and which reasons might justify a refusal to recognise a given GO are not clearly defined in the RES Directive, and therefore both national Competent Bodies as well as market participants are currently in an unclear situation on how to handle this. This might lead to in-transparent situations and market participants very often cannot differentiate between GOs which are recognised for disclosure and the ones which are not recognised in the moment of closing agreements or trading GOs.

Recognition of GOs issued in another country and used for disclosure purposes in the importing country is basically regulated in Art. 15 (9) RES Directive which states that “*Member States shall recognise guarantees of origin issued by other Member States in accordance with this Directive exclusively as proof of the elements referred to in paragraph 1 and paragraph 6 (a) to (f). A Member State may refuse to recognise a guarantee of origin only when it has well-founded doubts about its accuracy, reliability or veracity. The Member State shall notify the Commission of such a refusal and its justification.*”

As the definition of the term “**recognise**” from the RES Directive is vague, RE-DISS II further specified recognition as **the use of a GO issued in another country for national disclosure purposes**. Details and background information are published in an earlier report by the RE-DISS II project on recognition criteria and procedures (RE-DISS II 2014a).

RE-DISS II has developed a set of recognition criteria for GOs<sup>1</sup> which should help Competent Authorities in implementing a transparent set of criteria for recognition (RE-DISS II 2014d). Six first level criteria are defined, which are consistent with the criteria defined in the CA-RES questionnaire (CA-RES 2013). As these have been approved by governmental representatives in the CA-RES initiative, this is taken as the basis. However, these criteria are still quite vague and leave room for substantial interpretation. They are therefore hardly verifiable in a consistent manner unless they are further defined in a more detailed and specific way. Therefore, RE-DISS II further specifies and elaborates the criteria with second and third level criteria, leaving the first level criteria as defined by CA-RES.

The proposed recommendations for recognition criteria by RE-DISS II are not binding for any Member State. In fact, they should support Member States in defining national criteria for recognition. The recommendations or parts of it can be used on a voluntary basis by the Member States.

The recommended criteria are used for a country specific analysis. This analysis should give an overview on the status of implementation of certain criteria in the respective countries. The analysis is based on the most detailed, lowest basis, the second or third level criteria of the set of recommendations. Competent Authorities can then individually draw their specific conclusions if the recognition criteria are sufficiently fulfilled.

The aim of this document in hand focuses on a transparent display of the status of fulfillment of the criteria and is based on the information given by the Competent Authorities of each country. **This report is an update of the report on the status of implementation of proposed recognition criteria published in March 2015 (RE-DISS II (2015a)). The information as basis for this report has been collected in the course of the latest country specific survey in spring 2015 (RE-DISS II (2015b)).**

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<sup>1</sup> The RE-DISS criteria mainly focus on RES-E. They can be applied to a large extent also to other fuel types.

## **2 How to use the document**

In the following chapters a detailed country specific analysis based on the proposed recognition criteria is displayed. The status of countries with respect to all criteria is analysed and can be used as a basis for conclusions by national competent bodies and decisions for recognition of GOs for disclosure purposes. Further, the data can serve as basis for further additional investigations on the acceptability of certain types of GOs from certain countries.

The analysis is based on the country specific information collected in spring 2015 from national Competent Authorities.

Proposed recognition criteria (cf. RE-DISS II 2014d):

1. Implementation of Art. 3 (9) 2009/72/EC by the Member State
2. The issuing member state has implemented Art. 15 of RES-Directive 2009/28/EC
3. The issuing member state ensures that:
  - 1) no more than one GO is issued in respect of each unit of energy produced
  - 2) the same unit of energy from renewable sources is taken into account only once
4. The issuing member state ensures the function of GO
5. The Registry system is electronic, accurate, reliable and fraud resistant
6. Issued GOs include the minimum content (Art. 15 (6) 2009/29/EC)

The lowest sublevel of each criterion is analysed, based on the country survey among national Competent Authorities in 2015. The status of fulfillment is indicated per country and the respective country which would like to use these GOs for national disclosure purposes can use this information for specific decisions on recognition.

### **3 Status of implementation of recognition criteria in specific countries**

The status of implementation of the proposed RE-DISS recognition criteria is analysed for each country. The status of information is differentiated between fulfilled, not fulfilled, partly fulfilled, no information available and not applicable. A further explanation to the evaluation of individual criteria is given when essential.

The specific information has been collected in the course of the country specific survey (RE-DISS II (2015b) in spring 2015. The lowest level of recognition criteria has been analysed for the specific countries. Two sub-level criteria are not evaluated, as they are formulated in a subjective way and therefore are subject to own evaluation (5.2.4., 5.2.6.).

This information can be used by countries for decisions on acceptance of foreign GOs for national disclosure purposes. As pointed out above, the proposed recognition criteria and the answers from the Competent Authorities are serving as a support platform for countries, but it is not the aim of RE-DISS to force countries to use exactly the proposed recognition criteria not the outcome of the evaluation.

### 3.1 Austria

The proposed RE-DISS recognition criteria are analysed based on the Austrian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.1.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Austria

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB=Energie Control Austria
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	no further tracking mechanisms used
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not applicable	
1.3.3	Use of a robust residual mix according to RE-DISS	not applicable	full disclosure, no RM necessary

**3.1.2 Criterion No 2: Austria, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB=Energie Control Austria

**3.1.3 Criterion No 3: Austria, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not applicable	only supplier mix displayed



**3.1.4 Criterion No 4: Austria, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.1.5 Criterion No 5: The Registry system in Austria is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.1.6 Criterion No 6: Issued GOs in Austria include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

## 3.2 Belgium Flanders

The proposed RE-DISS recognition criteria are analysed based on the Belgium Flanders country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

### 3.2.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Belgium Flanders

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB=VREG
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	Information is supplied to the costumers on the bills and also on reports annually that are available to the general public
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	fulfilled	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.2.2 Criterion No 2: Belgium Flanders, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.2.3 Criterion No 3: Belgium Flanders, as the issuing Member State ensures that:  
1) no more than one GO is issued in respect of each unit of energy produced  
and 2) the same unit of energy from renewable sources is taken into account  
only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

### 3.2.4 Criterion No 4: Belgium Flanders, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.2.5 Criterion No 5: The Registry system in Belgium Flanders is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.2.6 Criterion No 6: Issued GOs in Belgium Flanders include the minimum content  
(Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.3 Belgium Wallonia

The proposed RE-DISS recognition criteria are analysed based on the Belgium Wallonia country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.3.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Belgium Wallonia

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB=CWAPE (Commission Wallone pour l'Energie, Regulator)
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	not RE-DISS mix, but a robust mix



**3.3.2 Criterion No 2: Belgium Wallonia, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB=CWAPE (Commission Wallone pour l'Energie, Regulator)

**3.3.3 Criterion No 3: Belgium Wallonia, as the issuing Member State ensures that:  
1) no more than one GO is issued in respect of each unit of energy produced  
and 2) the same unit of energy from renewable sources is taken into account  
only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

### 3.3.4 Criterion No 4: Belgium Wallonia, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.3.5 Criterion No 5: The Registry system in Belgium Wallonia is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.3.6 Criterion No 6: Issued GOs in Belgium Wallonia include the minimum content  
(Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.4 Bulgaria

The proposed RE-DISS recognition criteria are analysed based on the Bulgarian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.4.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Bulgaria

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	not fulfilled	no disclosure system implemented; CB = State Energy and Water Regulatory Commission (SEWRC)
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	not fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not applicable	no disclosure system implemented
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	no disclosure system implemented
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not applicable	no disclosure system implemented
1.3.2	Statistical default mix contains no RES at all	not applicable	no disclosure system implemented
1.3.3	Use of a robust residual mix according to RE-DISS	not applicable	no disclosure system implemented

**3.4.2 Criterion No 2: Bulgaria, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	one should note that GO is not being applied for disclosure
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	one should note that GO is not being applied for disclosure
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	competent body is Sustainable Energy Development Agency (SEDA)

**3.4.3 Criterion No 3: Bulgaria, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	one should note that GO is not being applied for disclosure
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not applicable	no disclosure system implemented

**3.4.4 Criterion No 4: Bulgaria, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	not fulfilled	Definition according to §1, 5 of RES Act is: 5. "Guarantee of Origin" is an electronic document which serves as evidence before an end user (purchaser for own use) that certain share or quantity of the energy supplied to him is produced from renewable sources. However, in practice it is used as proof of eligibility for receiving FIT from the grid operator in the RES support system.



**3.4.5 Criterion No 5: The Registry system in Bulgaria is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	partly fulfilled	GO registry is implemented within a manually maintained Excel spreadsheet.
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria:</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	SEDA issues GO only for RES-energy provided to the end-users by Public Provider, end-suppliers and energy traders. Detailed regulation is not known.
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	according to the own assessment of SEDA, but detailed regulation is not known
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	no information available	database is based on Excel; no information available with respect to measures for security, automation and audits
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.4.6 Criterion No 6: Issued GOs in Bulgaria include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.5 Croatia

The proposed RE-DISS recognition criteria are analysed based on the Croatian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.5.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Croatia

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	HROTE (TSO) is in charge of residual mix calculation and responsible for checking the supplier mix
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	does not include information on environmental parameters.
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	The Feed-in system is a Reliable Tracking System (origin and destination of electricity is determined)
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	fulfilled	Restricted to the feed-in system
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.5.2 Criterion No 2: Croatia, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB=HROTE (TSO)

**3.5.3 Criterion No 3: Croatia, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

### 3.5.4 Criterion No 4: Croatia, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.5.5 Criterion No 5: The Registry system in Croatia is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.5.6 Criterion No 6: Issued GOs in Croatia include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.6 Cyprus

The proposed RE-DISS recognition criteria are analysed based on the country specific information of Cyprus of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.6.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Cyprus

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	Cyprus Energy Regulating Authority (CERA).
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	Regulation under development. GO will be the only tracking mechanism
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	In the draft Disclosure Regulation under development the RE-DISS Methodology of Residual Mix Calculation Issuance-Based Method is adopted.
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	



**3.6.2 Criterion No 2: Cyprus, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	true for RES and CHP
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	Cyprus Energy Regulating Authority (CERA).

**3.6.3 Criterion No 3: Cyprus, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	no information available	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

### 3.6.4 Criterion No 4: Cyprus, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.6.5 Criterion No 5: The Registry system in Cyprus is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.6.6 Criterion No 6: Issued GOs in Cyprus include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.7 Czech Republic

The proposed RE-DISS recognition criteria are analysed based on the Czech Republic country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.7.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Czech Republic

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	not fulfilled	CB= ERU (Energy Regulatory Office)
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	no information available	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	no information available	
1.3.2	Statistical default mix contains no RES at all	no information available	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.7.2 Criterion No 2: Czech Republic, as the issuing Member State has implemented  
Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB=OTE

**3.7.3 Criterion No 3: Czech Republic, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	no information available	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	not applicable	
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	no information available	

**3.7.4 Criterion No 4: Czech Republic, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	not fulfilled	



**3.7.5 Criterion No 5: The Registry system in Czech Republic is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	OTE can correct errors, but currently no GOs are exported
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	CZ does not use other systems for transfer of GO besides the AIB Hub, but is only limited to imports; exports are not possible.

\*\*This is subject to own evaluation

**3.7.6 Criterion No 6: Issued GOs in Czech Republic include the minimum content  
(Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.8 Denmark

The proposed RE-DISS recognition criteria are analysed based on the Danish country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.8.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Denmark

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB=Energinet.dk
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	partly fulfilled	No disclosure of company mix, only of product mix
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	fulfilled	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.8.2 Criterion No 2: Denmark, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB=Energinet.dk

**3.8.3 Criterion No 3: Denmark, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

### 3.8.4 Criterion No 4: Denmark, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.8.5 Criterion No 5: The Registry system in Denmark is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.8.6 Criterion No 6: Issued GOs in Denmark include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### **3.9 Estonia**

The proposed RE-DISS recognition criteria are analysed based on the Estonian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.



**3.9.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Estonia**

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	Elering is operationally in charge of disclosure since 2012 (with the redactions to the Electricity Market Law), but the law does not require Elering to be responsible for disclosure as such.
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	for the share of electricity supplied to the final consumer and not disclosed using the guarantees of origin the residual mix published by the transmission network operator shall be used.
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not applicable	
1.3.3	Use of a robust residual mix according to RE-DISS	no information available	RE-DISS EAM is used but the methodology of the national calculation is unknown

**3.9.2 Criterion No 2: Estonia, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.9.3 Criterion No 3: Estonia, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	EECS compatible registry
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	

### 3.9.4 Criterion No 4: Estonia, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.9.5 Criterion No 5: The Registry system in Estonia is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	re-inspections are not required
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	EECS compatible registry
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.9.6 Criterion No 6: Issued GOs in Estonia include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.10 Finland

The proposed RE-DISS recognition criteria are analysed based on the Finnish country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.10.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Finland

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB = Energy Authority of Finland
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not applicable	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.10.2 Criterion No 2: Finland, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.10.3 Criterion No 3: Finland, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC); This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	No, it is possible that a supplier discloses a specific electricity product for some consumers, while not disclosing the "remaining" mix to those who have purchased the default product



**3.10.4 Criterion No 4: Finland, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.10.5 Criterion No 5: The Registry system in Finland is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	true although the end consumer might be onsite consumption such as a papermill next to a bioplant
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.10.6 Criterion No 6: Issued GOs in Finland include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.11 France

The proposed RE-DISS recognition criteria are analysed based on the French country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.11.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by France

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	partly fulfilled	This is a recommendation for supplier mix, but an obligation for product mix, where only Gos can be used.
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	partly fulfilled	a recommendation to use RE-DISS Residual mix has been issued by ministry, but suppliers can use other information like own production or contracts.
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	partly fulfilled	RE-DISS RM is recommended for electricity from unknown origin

**3.11.2 Criterion No 2: France, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	partly fulfilled	12 months after the beginning of the production period
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.11.3 Criterion No 3: France, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	

### 3.11.4 Criterion No 4: France, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.11.5 Criterion No 5: The Registry system in France is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	EECS system
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as reasonably practically.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	partly fulfilled	AIB Hub is used, but no rules are decided for acceptance of imports outside AIB Hub

\*\*This is subject to own evaluation.

**3.11.6 Criterion No 6: Issued GOs in France include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### **3.12 Germany**

The proposed RE-DISS recognition criteria are analysed based on the German country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.



**3.12.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Germany**

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	fulfilled	RES-E volumes which are supported by the German support system ("EEG") are not eligible for issuing of GOs; these volumes are allocated to German electricity consumers on a pro-rata basis
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	only expired GOs can be considered in residual mix (according to BDEW disclosure guidelines 2014; earlier regulation: no disclosure of RES-E in residual mix at all)

**3.12.2 Criterion No 2: Germany, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	German Environment Agency (Umweltbundesamt - UBA)

**3.12.3 Criterion No 3: Germany, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.12.4 Criterion No 4: Germany, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.12.5 Criterion No 5: The Registry system in Germany is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant</b> by fulfilling the following criteria		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** Relevant regulation requires GO only to be issued for nett production of RES. Allocation rules for multi fuel plants are implemented according to EECS rules.
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	
5.2.6	Technical changes to plants are registered as soon as reasonably practically.		** Regulations for maintenance of registered data are implemented according to EECS Rules.
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	partly fulfilled	registry for RES-GO: UBA, while registry for CHP-GO: BAFA; however, the latter is practically not used, and no RES-GO may be issued in case CHP GO would have been issued
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.12.6 Criterion No 6: Issued GOs in Germany include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### **3.13 Greece**

The proposed RE-DISS recognition criteria are analysed based on the Greek country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

**3.13.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Greece**

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	not fulfilled	Although the disclosure of the energy mix is provisioned by the Supply Code, there is no legal provision yet for the methodology of the calculation of the energy mix. RAE has already consulted the methodology with the Market Operator (LAGIE), and intends to include it in the relevant Codes in the coming months.
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	



**3.13.2 Criterion No 2: Greece, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.13.3 Criterion No 3: Greece, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	one GO combines both information
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not applicable	

### 3.13.4 Criterion No 4: Greece, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.13.5 Criterion No 5: The Registry system in Greece is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	Several IB using the same registry
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	ex domain redemptions are used

\*\*This is subject to own evaluation.

**3.13.6 Criterion No 6: Issued GOs in Greece include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	not applicable	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.14 Hungary

The proposed RE-DISS recognition criteria are analysed based on the Hungarian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.14.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Hungary

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	no information available	CB= MEKH (Hungarian Energy and Public Utility Regulatory Authority)
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	partly fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	no information available	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	no information available	
1.3.2	Statistical default mix contains no RES at all	no information available	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.14.2 Criterion No 2: Hungary, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB=MEKH (Hungarian Energy and Public Utility Regulatory Authority)

**3.14.3 Criterion No 3: Hungary, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	no information available	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	no information available	

### 3.14.4 Criterion No 4: Hungary, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

### 3.14.5 Criterion No 5: The Registry system in Hungary is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.



**3.14.6 Criterion No 6: Issued GOs in Hungary include the minimum content (Art. 15  
(6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.15 Iceland

The proposed RE-DISS recognition criteria are analysed based on the Icelandic country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.15.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Iceland

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB= National Energy Authority
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not applicable	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.15.2 Criterion No 2: Iceland, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.15.3 Criterion No 3: Iceland, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	not applicable	No system for Cogeneration GOs
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.15.4 Criterion No 4: Iceland, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.15.5 Criterion No 5: The Registry system in Iceland is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** No combustion plants
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.15.6 Criterion No 6: Issued GOs in Iceland include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.16 Ireland

The proposed RE-DISS recognition criteria are analysed based on the Irish country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.16.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Ireland

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	All suppliers need to publish information in all bills to consumers: the fuel-mix and environmental impact information must be provided by all suppliers in the format set in the Disclosure Decision Paper
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	Only GO and the RM are used.
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	No other tracking mechanisms are allowed.
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.16.2 Criterion No 2: Ireland, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	SEMO



**3.16.3 Criterion No 3: Ireland, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1		fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not applicable	

**3.16.4 Criterion No 4: Ireland, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.16.5 Criterion No 5: The Registry system in Ireland is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	As of June 2015, Ireland is using the AIB Hub for transfers

\*\*This is subject to own evaluation.

**3.16.6 Criterion No 6: Issued GOs in Ireland include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	Only for Electricity, not for heating and cooling
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.17 Italy

The proposed RE-DISS recognition criteria are analysed based on the Italian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.17.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Italy

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
1.2	<b>No double counting with other explicit tracking mechanisms by fulfilling one of the following criteria:</b>		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	partly fulfilled	RES can only be disclosed through GO in the supplier mix or through RM. For imports, they use Eurostat EU mix
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	partly fulfilled	RES can only be disclosed through GO in the supplier mix or through RM. For imports, they use Eurostat EU mix
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	partly fulfilled	Statistical mix used for imports
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	partly fulfilled	for national production yes, but not for imports

**3.17.2 Criterion No 2: Italy, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.17.3 Criterion No 3: Italy, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	no information available	no registry available for CHP Gos
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	

**3.17.4 Criterion No 4: Italy, as the issuing Member State ensures the function of a GO  
(Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.17.5 Criterion No 5: The Registry system in Italy is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	partly fulfilled	no CHP GO registry
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	partly fulfilled	not known if other means are used

\*\*This is subject to own evaluation.

**3.17.6 Criterion No 6: Issued GOs in Italy include the minimum content (Art. 15 (6)  
2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	



### 3.18 Latvia

The proposed RE-DISS recognition criteria are analysed based on the Latvian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.18.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Latvia

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not fulfilled	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	no information available	
1.3.2	Statistical default mix contains no RES at all	no information available	
1.3.3	Use of a robust residual mix according to RE-DISS	no information available	

**3.18.2 Criterion No 2: Latvia, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	The Ministry of Economics of the Republic of Latvia

**3.18.3 Criterion No 3: Latvia, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	

**3.18.4 Criterion No 4: Latvia, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.18.5 Criterion No 5: The Registry system in Latvia is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	Register available at the Ministry of Economics website: <a href="http://www.em.gov.lv/em/2nd/em/2nd/?cat=30801">http://www.em.gov.lv/em/2nd/em/2nd/?cat=30801</a> .
5.2	<b>GOs are accurate, reliable and fraud-resistant</b> by fulfilling the following criteria		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as reasonably practically.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.18.6 Criterion No 6: Issued GOs in Latvia include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	Only for electricity
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.19 Lithuania

The proposed RE-DISS recognition criteria are analysed based on the Lithuanian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.19.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Lithuania

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not fulfilled	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	no information available	
1.3.2	Statistical default mix contains no RES at all	no information available	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.19.2 Criterion No 2: Lithuania, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	Litgrid AB

**3.19.3 Criterion No 3: Lithuania, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	



**3.19.4 Criterion No 4: Lithuania, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.19.5 Criterion No 5: The Registry system in Lithuania is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.19.6 Criterion No 6: Issued GOs in Lithuania include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.20 Luxembourg

The proposed RE-DISS recognition criteria are analysed based on the country specific information of Luxembourg of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.20.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Luxembourg

Criterion No.	Criterion	Status	Explanation
	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	No further mechanisms are allowed for disclosure
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	The default data is the average European generation statistics from ENTSO-E minus all RES
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.20.2 Criterion No 2: Luxembourg, as the issuing Member State has implemented  
Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	ILR

**3.20.3 Criterion No 3: Luxembourg, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.20.4 Criterion No 4: Luxembourg, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.20.5 Criterion No 5: The Registry system in Luxembourg is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	Grexel
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.20.6 Criterion No 6: Issued GOs in Luxembourg include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	Only for electricity
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.21 Malta

The proposed RE-DISS recognition criteria are analysed based on the country specific information of Malta of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.21.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Malta

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	no information available	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	no information available	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	no information available	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	no information available	
1.3.2	Statistical default mix contains no RES at all	no information available	
1.3.3	Use of a robust residual mix according to RE-DISS	no information available	



**3.21.2 Criterion No 2: Malta, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	no information available	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	no information available	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	no information available	

**3.21.3 Criterion No 3: Malta, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	no information available	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	no information available	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	no information available	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	no information available	

**3.21.4 Criterion No 4: Malta, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	no information available	

**3.21.5 Criterion No 5: The Registry system in Malta is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	no information available	
5.2	<b>GOs are accurate, reliable and fraud-resistant</b> by fulfilling the following criteria		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	no information available	
5.2.8	One comprehensive registry per domain	no information available	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	no information available	

\*\*This is subject to own evaluation.

**3.21.6 Criterion No 6: Issued GOs in Malta include the minimum content (Art. 15 (6)  
2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	no information available	
<b>6.2</b>	<b>Start and end date of production</b>	no information available	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	no information available	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	no information available	
<b>6.5</b>	<b>Investment support</b>	no information available	
<b>6.6</b>	<b>Funding by any support scheme</b>	no information available	
<b>6.7</b>	<b>Date when installation became operational</b>	no information available	
<b>6.8</b>	<b>Date of issue</b>	no information available	
<b>6.9</b>	<b>Issuing Country</b>	no information available	
<b>6.10</b>	<b>Unique Identification number of GO</b>	no information available	

### 3.22 Netherlands

The proposed RE-DISS recognition criteria are analysed based on the country specific information of the Netherlands of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.22.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Netherlands

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.22.2 Criterion No 2: The Netherlands, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	partly fulfilled	Expiry takes place 12 months after issuing, but cancellation (and subsequent use for disclosure in NL) is not possible if the date of production is more than 12 months in the past.
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	Competent Body is CertiQ, a subsidiary company of the TSO TenneT.

**3.22.3 Criterion No 3: The Netherlands, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	To date there has been no issuing of any CHP-GO at all.
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS-compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS-compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS-compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.22.4 Criterion No 4: The Netherlands, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<p><b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:</p>		
4.1	<p><b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b></p>	fulfilled	<p>The fact of issuing of a GO after the related verification process is also used as documentation within the national support scheme; this might include also issuing of GO for gross production which can be eligible for support. GOs for the difference of gross-net production are not eligible for disclosure. Therefore, no implication on the use of GO is seen.</p>



**3.22.5 Criterion No 5: The Registry system in the Netherlands is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	Grid operator submits meter readings to CertiQ.
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	The fact of issuing of a GO after the related verification process is also used as documentation within the national support scheme; this might include also issuing of GO for gross production which can be eligible for support. GOs for the difference of gross-net production are not eligible for disclosure. Therefore, no implication on the use of GO is seen.
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry. Waste incineration: Newer waste incineration plants (built or substantially expanded after 1.1.2006) are allowed to mark 50% of their electricity

			production as renewable. This is to assure non-discrimination in comparison with waste incineration plants supported by the feed-in-tariff, which get 50% of their production reimbursed at a subsidized price, but cannot market the GOs.
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	EECS compatible registry
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.22.6 Criterion No 6: Issued GOs in the Netherlands include the minimum content  
(Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
6	Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC); This can be considered fulfilled based on compliance with the following criteria:		
6.1	Energy source	fulfilled	
6.2	Start and end date of production	fulfilled	
6.3	Electricity, heating or cooling	fulfilled	
6.4	Identification number, location, type and capacity of the installation	fulfilled	
6.5	Investment support	fulfilled	
6.6	Funding by any support scheme	fulfilled	
6.7	Date when installation became operational	fulfilled	
6.8	Date of issue	fulfilled	
6.9	Issuing Country	fulfilled	
6.10	Unique Identification number of GO	fulfilled	

### 3.23 Norway

The proposed RE-DISS recognition criteria are analysed based on the Norwegian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.23.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Norway

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB is NVE
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	not fulfilled	On webpage
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms by fulfilling one of the following criteria:</b>		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	no further tracking mechanisms are allowed
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.23.2 Criterion No 2: Norway, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	Stattnet

**3.23.3 Criterion No 3: Norway, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	EECS compatible registry
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.23.4 Criterion No 4: Norway, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.23.5 Criterion No 5: The Registry system of Norway is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.23.6 Criterion No 6: Issued GOs in Norway include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	



### 3.24 Poland

The proposed RE-DISS recognition criteria are analysed based on the Polish country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.24.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Poland

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	full disclosure scheme CO2 and radioactive waste
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not fulfilled	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.24.2 Criterion No 2: Poland, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.24.3 Criterion No 3: Poland, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	no information available	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	no information available	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	no information available	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	no information available	

**3.24.4 Criterion No 4: Poland, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.24.5 Criterion No 5: The Registry system in Poland is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	registry not operational
5.2	<b>GOs are accurate, reliable and fraud-resistant</b> by fulfilling the following criteria		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	registry operational and held by Polish Power Exchange
5.2.8	One comprehensive registry per domain	not fulfilled	no CHP GOs
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.24.6 Criterion No 6: Issued GOs in Poland include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	not fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	not fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	not fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.25 Portugal

The proposed RE-DISS recognition criteria are analysed based on the Portuguese country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.25.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Portugal

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	partly fulfilled	also FIT and bilateral contracts for which the information is centralised by the market operator
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	fulfilled	
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not applicable	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	they do not use any residual mix. There is no electricity from unknown origin in their system.

**3.25.2 Criterion No 2: Portugal, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	NB GO registry not created yet, but is in the law
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	not applicable	GO registry not created yet
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.25.3 Criterion No 3: Portugal, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	RES GO registry not created yet but this is provided by Manual for CHP Gos
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	RES GO registry not created yet but this is provided by Manual for CHP Gos
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	not applicable	GO registry not created yet
3.2.3	Exported GO are marked as removed from the exporting registry.	not applicable	GO registry not created yet
3.2.4	Processes in the registry exclude duplication of GOs.	not applicable	GO registry not created yet
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	



**3.25.4 Criterion No 4: Portugal, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.25.5 Criterion No 5: The Registry system in Portugal is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	not fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	not applicable	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	not applicable	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	not applicable	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	not applicable	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	not applicable	
5.2.8	One comprehensive registry per domain	not applicable	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not applicable	

\*\*This is subject to own evaluation.

**3.25.6 Criterion No 6: Issued GOs in Portugal include the minimum content (Art. 15  
(6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.26 Romania

The proposed RE-DISS recognition criteria are analysed based on the Romanian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.26.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Romania

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	no information available	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not fulfilled	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.26.2 Criterion No 2: Romania, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled with restrictions	12 month after the production period (but not known whether they count from the start or the end)
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.26.3 Criterion No 3: Romania, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	no information available	No CHP registry yet
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	not fulfilled	Suppliers have to inform ANRE when they have used GO (which means that ANRE cancels it afterwards)
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.26.4 Criterion No 4: Romania, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.26.5 Criterion No 5: The Registry system in Romania is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	no information available	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	no information available	
5.2.8	One comprehensive registry per domain	not applicable	no CHP GOs yet
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.



**3.26.6 Criterion No 6: Issued GOs in Romania include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	no information available	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.27 Slovakia

The proposed RE-DISS recognition criteria are analysed based on the Slovak country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.27.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Slovakia

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	Act N° 251/2012 Section 34
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms by fulfilling one of the following criteria:</b>		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	use of stock exchange mix and EU production mix
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not fulfilled	Gos are used for lowering tax excise
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.27.2 Criterion No 2: Slovakia, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	no information available	"GOs are issued for each MWh of RES", it is not clear whether one GO equals one MWh
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled with restrictions	12 months after production period, but not known whether they start counting from beginning or end of production period.
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	URSO (regulator) is in charge

**3.27.3 Criterion No 3: Slovakia, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	partly fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	no information available	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	not fulfilled	it is written in the law that a GO has to be cancelled when it has been used, but since the registry is excel based it is not clear whether cancellation happens before or after use.
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	not fulfilled	registry is an excel sheet and the certificate is issued based on what is in the excel sheet.
3.2.3	Exported GO are marked as removed from the exporting registry.	not fulfilled	registry is an excel sheet and the certificate is issued based on what is in the excel sheet.
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	

### 3.27.4 Criterion No 4: Slovakia, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	GO is meant for disclosure

### 3.27.5 Criterion No 5: The Registry system in Slovakia is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	not fulfilled	excel sheet is used
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	not fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.27.6 Criterion No 6: Issued GOs in Slovakia include the minimum content (Art. 15  
(6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	no information available	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.28 Slovenia

The proposed RE-DISS recognition criteria are analysed based on the Slovenian country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.28.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Slovenia

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not fulfilled	No further systems are used
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.28.2 Criterion No 2: Slovenia, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	AGEN



**3.28.3 Criterion No 3: Slovenia, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	The suppliers are obliged to publish both product-related disclosure (to the buyers of a specific product) and overall company disclosure (to all customers).

**3.28.4 Criterion No 4: Slovenia, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.28.5 Criterion No 5: The Registry system in Slovenia is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	EECS compatible registry
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	EECS compatible registry
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.28.6 Criterion No 6: Issued GOs in Slovenia include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	only for electricity
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.29 Spain

The proposed RE-DISS recognition criteria are analysed based on the Spanish country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.29.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Spain

Criterion No.	Criterion	Status	Explanation
1	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
1.1	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
1.2	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	
1.3	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	partly fulfilled	a RM is calculated by CNE, with a methodology that is close to RE-DISS with some difference on the taking into account imports of electricity in the calculation

**3.29.2 Criterion No 2: Spain, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CNE integrated in CNMC since October 2013

**3.29.3 Criterion No 3: Spain, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	either a CHP GO or a RES GO is issued
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	no information available	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	
3.2.3	Exported GO are marked as removed from the exporting registry.	not fulfilled	There is no export of data to the importing issuing body.
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	based on CNE's answers to the CA RES questionnaire
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	

**3.29.4 Criterion No 4: Spain, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.29.5 Criterion No 5: The Registry system in Spain is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.

**3.29.6 Criterion No 6: Issued GOs in Spain include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	



### 3.30 Sweden

The proposed RE-DISS recognition criteria are analysed based on the Swedish country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.30.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Sweden

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	CB = Energy Market Inspectorate
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms by fulfilling one of the following criteria:</b>		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	not applicable	Contract-based tracking is not permitted from another EU country, Norway, Iceland or Switzerland
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not applicable	
1.3.3	Use of a robust residual mix according to RE-DISS	fulfilled	

**3.30.2 Criterion No 2: Sweden, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	fulfilled	
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	

**3.30.3 Criterion No 3: Sweden, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	not fulfilled	No, it is possible that a supplier discloses a specific electricity product for some consumers, while not disclosing the "remaining" mix to those who have purchased the default product

**3.30.4 Criterion No 4: Sweden, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.30.5 Criterion No 5: The Registry system in Sweden is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	partly fulfilled	The metering arrangements are such that sometimes gross production has to be issued. However correction is applied before Swedish national Gos are converted into EECS
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	partly fulfilled	A national-GO and EECS-GO registry exist alongside. Issuing the EECS-GO is only done based on converted national-GOs which prevents double counting
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.30.6 Criterion No 6: Issued GOs in Sweden include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### **3.31 Switzerland**

The proposed RE-DISS recognition criteria are analysed based on the Swiss country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

**3.31.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by Switzerland**

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	partly fulfilled	Companies have to disclose consistently either the product mix or the supplier mix to all their end consumers.
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	If there are no GOs available in the registry account of the supplier, the supplier can use other evidence, including contract based tracking. For small plants, Naturemade can be used without issuing GO.
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued		Mostly GOs are used. However, other tracking systems can be used, and their reliability is not clearly regulated. This is particularly also relevant for imports.
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	fulfilled	
1.3.2	Statistical default mix contains no RES at all	not fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	



**3.31.2 Criterion No 2: Switzerland, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
<b>2</b>	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>2.1</b>	<b>Standard size of GO is 1 MWh.</b>	fulfilled	Issuing of national GO takes place based on kWh. For the purpose of exports via the AIB Communications Hub, 1000 kWh certificates have to be added to form one full MWh. This bundling is only possible when the two following conditions are met: a) the energy is produced by the same Production Device and b) in the same production period (same month and year).
<b>2.2</b>	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	partly fulfilled	In Switzerland GO are valid for 12 months after the end date of the production period, but at least until the end of May of the following calendar year. In that respect, "use" is to be understood as active transfer and cancellation.
<b>2.3</b>	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	CB: TSO Swissgrid

**3.31.3 Criterion No 3: Switzerland, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
3	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	fulfilled	EECS compatible registry
3.2.3	Exported GO are marked as removed from the exporting registry.	fulfilled	EECS compatible registry
3.2.4	Processes in the registry exclude duplication of GOs.	fulfilled	EECS compatible registry
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	

**3.31.4 Criterion No 4: Switzerland, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
4	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
4.1	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.31.5 Criterion No 5: The Registry system in Switzerland is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
5	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
5.1	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
5.2	<b>GOs are accurate, reliable and fraud-resistant by fulfilling the following criteria</b>		
5.2.1	Issuing of a GO is based on actual meter readings.	fulfilled	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	fulfilled	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	fulfilled	EECS compatible registry
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		** EECS compatible registry
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	fulfilled	EECS compatible registry
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		** EECS compatible registry
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	EECS compatible registry
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	fulfilled	

\*\*This is subject to own evaluation.

**3.31.6 Criterion No 6: Issued GOs in Switzerland include the minimum content (Art. 15 (6) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

### 3.32 UK

The proposed RE-DISS recognition criteria are analysed based on the UK country specific information of spring 2015. The analysis is split into 6 subchapters per country, each symbolising one first level RE-DISS recognition criteria plus the respective second and third level criteria. The lowest level of criteria is analysed. This analysis serves as basis for country specific conclusions or further investigations.

#### 3.32.1 Criterion No 1: Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by UK

Criterion No.	Criterion	Status	Explanation
<b>1</b>	<b>Implementation of Art. 3 (9) of the Directive 2009/72/EC (on electricity disclosure) by the Member State;</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>1.1</b>	<b>National legislative implementation of disclosure system according to Art. 3 (9) of the IEM Directive 2009/72/EC, also including the following:</b>		
1.1.1	Disclosure is mandatory at least for company's mix of all suppliers.	fulfilled	
1.1.2	Annual disclosure statement provided with or on bills and promotional material to customers.	fulfilled	
<b>1.2</b>	<b>No double counting with other explicit tracking mechanisms</b> by fulfilling one of the following criteria:		
1.2.1	No further tracking mechanism for RES besides GO and residual mix allowed for disclosure	not fulfilled	
1.2.2	If further tracking mechanisms for RES besides GO and residual mix are allowed for disclosure, there should be transparent and reliable mechanisms to exclude double counting of RES production for which a GO is issued	fulfilled	We note that the EU Directives provides for the use of "aggregate numbers" in the case of non-EU imports as well as exchange based purchases. Therefore, we have the same mechanism in place in GB.
<b>1.3</b>	<b>No double counting between GO and any implicit default mix (like e.g. an uncorrected production mix).</b> This can be checked through implementation of one of the following options:		
1.3.1	No statistical default mix possible	not fulfilled	
1.3.2	Statistical default mix contains no RES at all	fulfilled	
1.3.3	Use of a robust residual mix according to RE-DISS	not fulfilled	

**3.32.2 Criterion No 2: UK, as the issuing Member State has implemented Art. 15 of the Directive 2009/28/EC**

Criterion No.	Criterion	Status	Explanation
2	<b>The issuing member state has implemented Art. 15 of the Directive 2009/28/EC;</b> This can be considered fulfilled based on compliance with the following criteria:		
2.1	<b>Standard size of GO is 1 MWh.</b>	fulfilled	
2.2	<b>GO has to be used within (maximum) 12 months after the end of the production period.</b>	not fulfilled	16 month lifetime
2.3	<b>GO has to be issued by a Competent Authority which is officially appointed, independent from production, trade and supply, and whose responsibilities have no geographical overlap.</b>	fulfilled	OFGEM

**3.32.3 Criterion No 3: UK, as the issuing Member State ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>3</b>	<b>The issuing member state ensures that: 1) no more than one GO is issued in respect of each unit of energy produced and 2) the same unit of energy from renewable sources is taken into account only once (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>3.1</b>	<b>No more than one GO is issued in respect of each unit of energy produced</b> by fulfilling the following criteria		
3.1.1	There should be no issuing of more than one GO for the same unit of electricity.	fulfilled	
3.1.2	This also applies to cogeneration plants which are using RES as the energy source: only one GO should be issued per unit of electricity.	fulfilled	
<b>3.2</b>	<b>GO to be used only once</b> , also including the following criteria		
3.2.1	GO is cancelled when being used.	fulfilled	
3.2.2	GO can't be used or transferred after expiry, cancellation, export.	no information available	
3.2.3	Exported GO are marked as removed from the exporting registry.	no information available	
3.2.4	Processes in the registry exclude duplication of GOs.	no information available	
3.2.5	If suppliers disclose the specific product mix for some of their consumers they should be required to give product-related disclosure information, including environmental impacts, to all customers, including default products.	fulfilled	Whilst not a requirement, we set it out as good practice in our FMD guidance

**3.32.4 Criterion No 4: UK, as the issuing Member State ensures the function of a GO (Art. 15 (2) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>4</b>	<b>The issuing member state ensures the function of a GO (Art. 15 (2) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>4.1</b>	<b>The only purpose for GOs is disclosure, and no other (conflicting) purposes are existing for a GO in your country; particularly no accounting on EU RES targets.</b>	fulfilled	

**3.32.5 Criterion No 5: The Registry system in UK is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>5</b>	<b>The Registry system is electronic, accurate, reliable and fraud resistant (Art. 15 (5) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>5.1</b>	<b>An electronic registry is implemented. (GO is an entry in an IT database system)</b>	fulfilled	
<b>5.2</b>	<b>GOs are accurate, reliable and fraud-resistant</b> by fulfilling the following criteria		
5.2.1	Issuing of a GO is based on actual meter readings.	no information available	
5.2.2	GO is only issued for RES-E which is then used by end-consumers (i.e. no pumped hydro).	no information available	
5.2.3	There are mechanisms implemented for ongoing control of registered data (e.g. re-audits, random checks, etc.).	no information available	
5.2.4	Sufficient measures are taken to ensure correct accounting of RES share of combustion plants.		**
5.2.5	Competent Body can correct errors in issued GOs, before they are exported, and is the only one with this competence.	no information available	
5.2.6	Technical changes to plants are registered as soon as practically reasonable.		**
5.2.7	Issuing, handling, transfer and cancellation of GO in a secured registry with automated and auditable processes;	fulfilled	
5.2.8	One comprehensive registry per domain	fulfilled	
5.2.9	GO is imported via AIB Hub or another reliable interface from the other respective national registries.	not fulfilled	

\*\*This is subject to own evaluation.



**3.32.6 Criterion No 6: Issued GOs in UK include the minimum content (Art. 15 (6)  
2009/28/EC)**

Criterion No.	Criterion	Status	Explanation
<b>6</b>	<b>Issued GOs include the minimum content (Art. 15 (6) 2009/28/EC);</b> This can be considered fulfilled based on compliance with the following criteria:		
<b>6.1</b>	<b>Energy source</b>	fulfilled	
<b>6.2</b>	<b>Start and end date of production</b>	fulfilled	
<b>6.3</b>	<b>Electricity, heating or cooling</b>	fulfilled	Only for elec- tricity
<b>6.4</b>	<b>Identification number, location, type and capacity of the installation</b>	fulfilled	
<b>6.5</b>	<b>Investment support</b>	fulfilled	
<b>6.6</b>	<b>Funding by any support scheme</b>	fulfilled	
<b>6.7</b>	<b>Date when installation became operational</b>	fulfilled	
<b>6.8</b>	<b>Date of issue</b>	fulfilled	
<b>6.9</b>	<b>Issuing Country</b>	fulfilled	
<b>6.10</b>	<b>Unique Identification number of GO</b>	fulfilled	

## **4 Conclusion**

This report delivers a comprehensive overview on the fulfilment of the proposed recognition criteria for all analysed countries. It can serve as an information platform for countries, but it is up to the individual countries to decide if they consider these criteria as relevant for their national recognition processes. This report is based on the report on the status of implementation of proposed recognition criteria in March 2015 (RE-DISS II (2015a) and updated with the information provided by the Competent Authorities in spring 2015 in the course of the country specific analysis for the country profiles and the baseline report (RE-DISS II 2015b).

In some of the analysed countries the situation has become more transparent since the evaluation with data of the year 2014 as systems have been adapted to the requirements of the European Directive 2009/28/EC. Often, this goes hand in hand with first steps or the actual procedure to connect to the AIB Hub. Croatia can be named as an example where a transparent disclosure system has been implemented in the course of the last year. Portugal and Spain have implemented systems which allow more transparency in the sense of GOs and disclosure. The situation in countries like Belgium Wallonia, the Czech Republic, Denmark, Greece, Estonia, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Romania and Slovakia has changed which is documented in this report.

**Disclaimer:**

The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EASME nor the European Commission is responsible for any use that may be made of the information contained therein.

## **5 References**

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