



for The Netherlands

Prepared by VertiCer B.V.

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EECS Domain Protocol

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1			

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Version	Description
2.6	ICS NTA8080 added
2.7	Updated to DPT 1 v5, added cancellation statements for cancellations to end-users
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3.1	Amended in accordance with reviewer comments
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3.4	Amended in accordance with reviewer comments during telco – added contact
	details and mention that EECS-GOs can relate to RES and HEC
3.5	Updated prior to periodic review
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3.7	Updated according to merger CertiQ and Vertogas into VertiCer B.V.



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EECS Domain Protocol

A Introduction

A Domain Protocol describes how the EECS Standard has been implemented in a certain Domain (country/region) for a certain type of energy certificate and it indicates where that system deviates from that standard. The EECS framework including the Domain Protocol aims to ensure robustness and transparency for all parties involved.

A Domain Protocol promotes quality and clarity, as it:

- explains local rules;
- provides clear information to all stakeholders (consumers, market parties, other members, government, the EU Commission etc.);
- · facilitates assessment of compliance and permissible deviation from the EECS Rules;
- · facilitates audit; and
- translates local rules into a single format and language, supporting each of the above.

Important contact information is provided in Annex 1.

B General

B.1 Scope

C3.1.1	E6.2.1a	E6.3.1	E6.3.2	N2.1.1	

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- B.1.1. This Domain Protocol sets out the procedures, rights and obligations, which apply to the Domain of the Netherlands and relate to the EECS Electricity Scheme as defined in the EECS Rules.
- B.1.2. Production Device qualification for this Domain will be determined such that, the Production Device is effectively located in the Netherlands.
 - The borders of the Domain are determined as follows: those of the European part of the Netherlands, including its exclusive economic zone.
- B.1.3. VertiCer is authorised to Issue EECS Certificates relating to the following EECS Product(s):
 - EECS Guarantees of Origin (hereinafter EECS GOs)
- B.1.4. VertiCer is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):
 - Source
 - Technology
- B.1.5. VertiCer is authorised to Issue EECS Certificates relating to the following Energy Carriers: **electricity** and the following energy sources:
 - Renewable (including biomass);,
 - · Fossil; and
 - nuclear energy sources, .

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- B.1.6. VertiCer is authorised to Issue the following types of energy certificates outside of the EECS Framework:
 - Guarantees of Origin for thermal energy from renewable sources
 - Guarantees of Origin for Gas from renewable sources
 - Guarantees of Origin for other Gas from renewable sources

B.2 Status and Interpretation

This section demonstrates compliance with the following EECS Rules:

E6.2.1d	E6.3.1	E6.3.4		

- B.2.1. The EECS Rules are subsidiary and supplementary to national legislation.
- B.2.2. The EECS Rules and its subsidiary documents are implemented in the Netherlands in the manner described in this Domain Protocol. Any deviations from the provisions of the EECS Rules that may have material effect are set out in section C.5 of this document.
- B.2.3. The capitalised terms used in this Domain Protocol shall have the meanings ascribed to them in the <u>EECS Rules</u> except as stated in section C.5 of this document.
- B.2.4. This Domain Protocol is made contractually binding between any EECS Participant and VertiCer B.V (hereinafter VertiCer). by agreement in the form of the Standard Terms and Conditions (hereinafter -STCs).
- B.2.5. In the event of a dispute, the approved English version of this Domain Protocol will take precedence over a local language version.

B.3 Roles and Responsibilities

C3.1.1 E6.2.1c N7 N8	
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- B.3.1. The Authorised Issuing Body for EECS GOs in the Netherlands is VertiCer. Its role is to administer the EECS Registration Database (hereinafter Registry) and its interface with the EECS Transfer System.
- B.3.2. The Competent Authority for EECS GOs in the Netherlands is the Dutch Minister for Climate and Energy.. Their role is defined in the Dutch Electricity Act (as amended) to be responsible for the operation of EECS GO in the Netherlands. Under article 74 of the Act they can appoint an independent non-subordinate to carry out on their behalf their tasks relating to EECS GO. Such party must be independent from producers, suppliers and traders.
 - Such mandate was given to VertiCer as per 1 January 2023.
- B.3.3. The Authorised Measurement Bodies are the transmission system operator (hereinafter -TSO) and distribution system operators (hereinafter -DSOs) and are listed on https://www.netbeheernederland.nl/leden. They are the bodies established under national legislation to be responsible for the collection and

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validation of measured volumes of energy used in national financial settlement processes.

The Authorised Measurement Bodies also act as Production Registrar.

- B.3.4. The role of Production Auditor is performed in the Netherlands:
 - (a) for Production Devices which generate electricity from biogas, and of which the Nominal Capacity does not exceed 2 MW: by an accredited metering company (listed <u>here</u>);
 - (b) for other Production Devices which generate electricity from biogas and/or biomass which exceeds the Nominal Capacity of 2 MW: by an accredited accountant. The <u>register</u> of accredited accountants is kept by the Royal Netherlands Institute of Chartered Accountants;
 - (c) for all other Production Devices: by the TSO and DSOs.
- B.3.5. The functioning of the system for EECS GO is supervised by the <u>Authority for Consumers and Markets</u> as the regulator (hereinafter ACM). ACM is also the Competent Authority for Disclosure in the Netherlands.
- B.3.6. Contact details for the principal roles are given in Annex 1.
- B.3.7. The EECS Registration Database operated by VertiCer can be accessed via the website www.verticer.eu.
- B.3.8. The following EECS Product ←→ Label combinations can be Issued under this Domain Protocol:

EECS Product	Label		
EECS GO	NTA 8080 Better Biomass		

The processes for avoiding double issuing of certificates that can be used for the same purpose to the same amount of energy are: **other energy carrier and** EECS GO conversion

B.4 **Issuance scope summary**

B.4.1. In summary, VertiCer is authorised to issue the following types of energy certificates:



Issuing Bo	dy issu	es certificates for:		Electricity	Thermal energy	Gas	Other gas
		ProductType	Source	Technology (= High- Efficiency Cogeneration)			
0		Hydro	X				
09	gy	Solar	X				
တ္သ	Energy source	Wind	Х				
EECS	Er So	Biomass	X	X			
ш		Municipal waste	Х				
		Geothermal	Х				
		Landfill & sewage treatment plant gas	Х	X			
		Tidal/wave/other ocean energy	Х				
		Ambient energy	Х				
		Fossil	Х	Х			
		Nuclear	Х				
K7K/	Energy source	Renewable sources			Х	Х	Х
EECS							
Support Certificate							
EECS NGC							
(name)							
National certificate			-				
other than GO (non-							
EECS*)							

Issuing Body issues of	ertific	ates for:	Gas	
		Type Of Gas		
EECS GO	Energy source			
National GO (non- EECS*)		N/A		
EECS Support Certificate		N/A		
EECS NGC (name)		N/A		
National certificate other than GO (non- EECS*)		N/A		

(*) Non-EECS certificates may not be transferred over the Association of Issuing Bodies (hereinafter -AIB) hub.

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C Overview of National Legal and Regulatory Framework

C.1 The EECS Framework

D3.1.2	E6.2.1b	E6.2.1d	N8	0.10	

- C.1.1. For this Domain, the relevant local enabling legislation is as follows:
 - (a) The relevant EU Directives are:
 - i) (EU) 2018 / 2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources;
 - ii) (EU) 2019 / 944 of the European Parliament and of the Council of 5 June 2019 on common rules for the internal market for electricity and amending Directive 2012/27/EU.
 - (b) The <u>Dutch Electricity Act 1998</u>, as amended, implements these Directives by stating that:
 - an electronic system is in place for issuing and registering Guarantees of Origin;
 - a Guarantee of Origin is the only accepted proof of the origin of the electricity to which that Guarantee of Origin relates;
 - Guarantees of Origin issued by independent issuing bodies in other EU member states are considered equal to Dutch Guarantees of Origin as long as they are similar in nature and purpose;
 - iv) the Minister of Economic Affairs shall set fees to cover the cost incurred in relation to the implementation of the system for Guarantees of Origin;
 - v) the Minister of Economic Affairs shall issue a Ministerial Regulation that sets out the rules for issuing Guarantees of Origin, the information to be included therein and their life (including how they may be traded and cancelled).
 - (c) The Ministerial Regulation on Guarantees of Origin, as amended, contains the rules mentioned under C.1.1(b)v) above, which include:
 - the procedure for applying for registration of a Production Device for the purpose of Guarantees of Origin;
 - ii) procedures for reporting and verification of production volumes, Energy Input Factors, et cetera;
 - iii) the information to be included in Guarantees of Origin;
 - iv) the life of a Guarantee of Origin;
 - v) the procedures for conversion of electricity to other gas from renewable sources.
- C.1.2. VertiCer has been properly appointed as an Authorised Issuing Body for EECS GOs under the Electricity Act. Please refer to section B.3.2 above for more details.

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C.2 National Energy Source Disclosure

This section demonstrates compliance with the following EECS Rules:

E3.3.14			

- C.2.1. For this Domain, the authorised body for supervision of Disclosure of the origin of energy towards consumers is ACM. This body is responsible for supervision of Disclosure of the origin of the following Energy Carriers: **electricity**.
- C.2.2. The legislation and regulations for disclosure are:
 - (a) <u>Chapter 8, §1b</u> of the <u>Electricity Act</u>, as amended, describes the requirement on suppliers to Disclose the origin of electricity, including:
 - i) the frequency (i.e. Annually);
 - ii) the means through which such Disclosure must take place (i.e. invoices and website)
 - iii) that such Disclosure must be wholly corroborated with Guarantees of Origin.
 - (b) The Ministerial Regulation on consumers and monitoring, as amended, sets out procedures which implement the requirements of the Electricity Act, including data provision and a disclosure template.

The results of the process are published by the individual suppliers on their respective websites. An overview of suppliers holding a licence to supply electricity to small-scale consumers can be found on the <u>website</u> of the Authority for Consumers and Markets.

- C.2.3. No Residual Mix is used, as Disclosure of Electricity must be corroborated by EECS GOs.
- C.2.4. Cancellations for usage in another Domain (i.e. Ex Domain Cancellations) are not allowed.

C.3 National Public Support Schemes

This section demonstrates compliance with the following EECS Rules:

None			
directly			

C.3.1. The promotion scheme for Renewable Energy Production (Stimulering Duurzame Energieproductie en Klimaattransitie (hereinafter – SDE) and subsequent schemes) is a programme aimed at compensating the difference between the cost price of all renewable electricity and the market price of electricity for a period of up to 15 years. The amount of subsidy paid to a

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- production device is based on the number of MWh of renewable electricity produced by that Production Device.
- C.3.2. There is no interaction between the SDE (and subsequent schemes) and Electricity Disclosure, other than the fact that the support schemes rely on data collected by VertiCer for the purpose of issuing EECS GOs.

C.4 **EECS Product Rules**

This section demonstrates compliance with the following EECS Rules:

E6.2.1f	E6.2.1g			

- C.4.1. The EECS Product Rules as applied in the Netherlands are set out within sections D and E of this document.
- C.4.2. The purpose of all EECS Certificates issued under this Domain Protocol shall be Disclosure.

C.5 Local Deviations from the EECS Rules

This section identifies those areas where there are minor differences from the EECS Rules without impacting the integrity of EECS Certificates.

- C.5.1. Contrary to EECS Rules section N6.3.2, and in accordance with the Ministerial Regulation on Guarantees of Origin, the Energy Input Factor representing the renewable share of municipal waste and comparable commercial waste processed in waste incineration devices is fixed each year by the Dutch Minister of Economic Affairs
- C.5.2. Contrary to EECS Rules section C2.2.3, and in accordance with article 2, paragraph 3 of the Ministerial Regulation on Guarantees of Origin, Registrants of production devices with nominal capacities below 15 kW need not re-register those production devices every five years.
- C.5.3. In addition to the terms defined in the EECS Rules of AIB, this Domain Protocol uses the following terms, which shall have the meanings respectively ascribed to them below:

Term	Meaning
eHerkenning	A harmonised, government-recognised system in the Netherlands for authentication of companies by means of an electronic identity. It builds on the central database of the Chamber of Commerce, identifying the authority of users to legally represent the company on whose behalf they act.
End User Account	A Cancellation Account to which EECS Certificates can be Cancelled from a Transferables Account. Its only functionality is to allow its Account Holder to view the details of EECS Certificates that have been Cancelled on their behalf.
iDIN	A harmonised system for authentication of natural persons by means of an electronic identity. It builds on the procedures of Dutch banks to identify their customers, allowing them to use their bank's secure login methods for authentication at other organisations.
myCertiQ	The name of the EECS Registration Database maintained by VertiCer. It can be accessed through the website www.verticer.eu.



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D Registration

D.1 Registration of an Account Holder

This section demonstrates compliance with the following EECS Rules:

G2.2.1	D3.3.4			

Who can apply for an account

D.1.1. Any legal person who is not a member of AIB or such member's affiliate or agent can apply for a Transferables Account or an End User Account. To apply, the applicant must log onto myCertiQ using eHerkenning and fill out the respective electronic form.

Transferables Account

- D.1.2. The form for a Transferables Account includes a Know-Your-Customer questionnaire. Furthermore, the applicant is required to agree to the STC in order to submit their application.
- D.1.3. Upon submission of a complete application for a Transferables Account, VertiCer will verify the application and notify the applicant of the outcome. Where the verification is completed successfully, VertiCer will provide the applicant (now Account Holder) access to the trading facilities associated with an approved Transferables Account.
- D.1.4. The application process can be completed within five working days.
- D.1.5. VertiCer charges Account Holders in the Netherlands for its services in accordance with the stipulations to that effect in the STC. The fees are published annually in the Ministerial Regulation on Guarantees of Origin.

End User Account

- D.1.6. Upon submission of a complete application for an End User Account, VertiCer will provide the applicant (now Account Holder) access to the viewing rights associated with an End User Account.
- D.1.7. The application process is completed instantaneously.
- D.1.8. The provision and use of an End User account is free of charge.

D.2 Resignation of an Account Holder

None			
directly			

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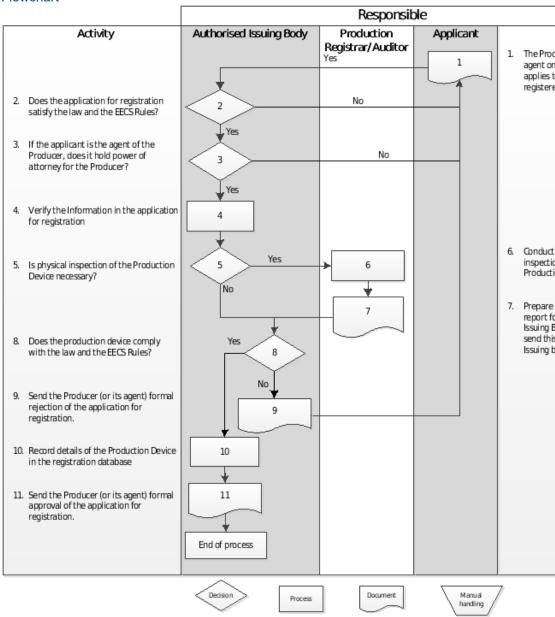
- D.2.1. The Account Holder must notify VertiCer of an intent to close their account in writing, specifying the effective date of closure, which:
 - (a) must be the first day of any calendar month in the future; and
 - (b) must not be less than fourteen working days from the date of receipt by VertiCer.
- D.2.2. VertiCer will seal that Account as of the effective date on the request.
- D.2.3. Any EECS Certificates remaining on a Transferables Account at the time it is closed will expire in accordance with section E.10 below.
- D.2.4. Resigning does not entitle the Account Holder to a refund, nor does it release the Account Holder from the obligation to pay any outstanding charges.

D.3 Registration of a Production Device

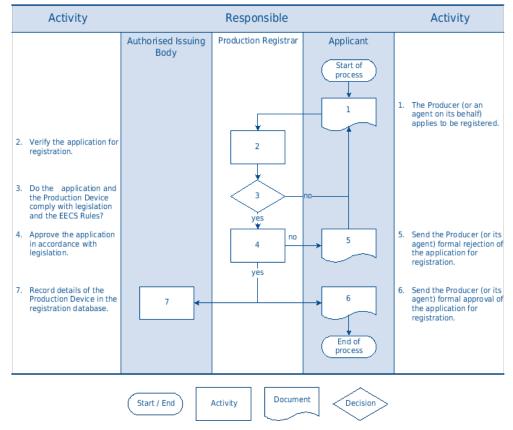
C2.1.1 C2.1.2 C2.2.4 D4.1.2 E3.3.11 N6.2. O6	C2.1.1	C2.1.2	C2.2.4	D4.1.2	E3.3.11	N6.2.	06.2
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D.3.1. Flowchart



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D.3.2. The owner of a Production Device, or a duly authorised representative on their behalf (collectively referred to as: Registrant), can file an application for registration of a Production Device situated in the Netherlands.

To apply, the Registrant must first identify themselves by logging onto myCertiQ using iDIN or eHerkenning, and submit their contact details. As part of this procedure, the Registrant is required to agree to the STC.

After the Registrant has been identified and recorded, they can fill out an electronic form:

- (a) to submit the Production Device details; and
- (b) to nominate the Transferables Account into which EECS GOs for that Production Device are to be issued.

The Production Device shall be identified in the application using the unique number assigned to it by the Production Registrar in accordance with GS1 numbering.



- D.3.3. The Production Registrar can view the application in myCertiQ, and will verify:
 - (a) if the information contained in the application is complete and accurate;
 - (b) if the application satisfies the requirements of the applicable legislation (which are consistent with the EECS Rules);
 - (c) if the Production Device satisfies the requirements of the applicable legislation (which are consistent with the EECS Rules); and
 - (d) if the metering arrangements of the Production Device:
 - are adequate for measuring the nett (and gross where applicable) production of electricity;
 - ii) conform to the Metering Code.
- D.3.4. As part of the verification process, the Production Registrar may conduct an onsite review at their own discretion. Within four weeks after receipt of the application, the Production Registrar must inform the applicant of the outcome and either approve or reject (as appropriate) the application in myCertiQ.
- D.3.5. In accordance with the Ministerial Regulation for Guarantees of Origin, the Registrant has a legal obligation to cooperate with the verification process.
- D.3.6. Where the Production Registrar has confirmed that the application and the Production Device satisfy the requirements of the applicable legislation, VertiCer will update the registration of that Production Device in myCertiQ to reflect that it is eligible to receive EECS GOs.
- D.3.7. If and when the situation should arise, VertiCer will handle individually each case concerning a Production Device located on a border between the Netherlands and another Domain in consultation with the Authorised Issuing Body of that Domain.

D.4 De-Registration of a Production Device

This section demonstrates compliance with the following EECS Rules:

None			
directly			

- D.4.1. The Registrant must notify VertiCer of an intent to deregister their Production Device by logging onto myCertiQ and specifying their desired date of closure. The effective date of closure must be the first day of any calendar month after the month to which the most recent measured values (by date of production) received for that Production Device by VertiCer relate.
- D.4.2. myCertiQ will automatically deregister that Production Device as of the effective date so specified.

D.5 Maintenance of Production Device Registration Data

This section demonstrates compliance with the following EECS Rules:

_						
	C2.2.1	C2.2.2	C2.2.3	C2.2.5	D5.1.2	

D.5.1. In case of any planned changes that will result, or unplanned changes that have resulted, in the information recorded in myCertiQ in relation to the

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Production Device becoming inaccurate (such as changes to the capacity of the Production Device), the Registrant must re-register their Production Device as set out in section D.3 above.

Upon completion of re-registration, the current registration record in myCertiQ will be updated to include a corresponding end date, and a new registration record will be inserted containing the newly approved Production Device details, with a start date equal to the end date of the previous registration.

- D.5.2. The registration of a Production Device with a nominal capacity of 15 kW or more expires after five years. VertiCer will amend with immediate effect the relevant records in myCertiQ to indicate that the Production Device no longer qualifies for that EECS Scheme.
- D.5.3. The Registrant may avoid expiry by successfully completing re-registration of the relevant Production Device as set out in section D.3, with the exception that they need not re-submit the Production Device details.

Following expiry, the Registrant may apply for re-registration of the relevant Production Device in accordance with section D.3.

D.6 Audit of Registered Production Devices

This section demonstrates compliance with the following EECS Rules:

E3.3.7	F3 3 8	D5.1.2		
_0.0.7	_0.0.0	D 0. 1. L		

- D.6.1. The accuracy of standing data on a Production Device with a nominal capacity of 15 kW or more shall be verified at least every five years in accordance with section D.5 above. As part of such verification, an onsite inspection may be required by the Production Registrar in accordance with section D.3 above.
- D.6.2. Where a Production Device can be fuelled by more than one Source of Input, a Production Audit is carried out each year in accordance with section E.5 below. An onsite inspection by the Production Auditor is often conducted as a part of the Production Audit.

D.7 Registration Error/Exception Handling

This section demonstrates compliance with the following EECS Rules:

C2.2.2 E4.2.7					
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D.7.1. In the event that VertiCer becomes aware of errors with respect to the information recorded in myCertiQ in relation to a Production Device, VertiCer will confer with the Production Registrar to determine the appropriate course



of action with regard to the registration of the Production Device; such action being the amendment of the record of that Production Device:

- (a) to more accurately reflect reality; and/or
- (b) to reflect that it has ceased to qualify for EECS GOs.
- D.7.2. Any errors in EECS GOs resulting from an error in the registered data of a Production Device will be handled in accordance with section E.8.
- D.7.3. All errors so identified will be corrected within the shortest possible delay.

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E Certificate Systems Administration

(where relevant this section describes separate rules for disclosure of different energy carriers)

E.1 Issuing EECS Certificates

This section demonstrates compliance with the following EECS Rules:

A2.1.1	A2.1.2	C3.1.1	C3.2.1	C3.3.1	C3.4.2	C3.4.3
C3.4.4	N3.1.1	N6.4.2	03.1.1			

E.1.1. EECS Certificates shall only be Issued under this Domain Protocol:

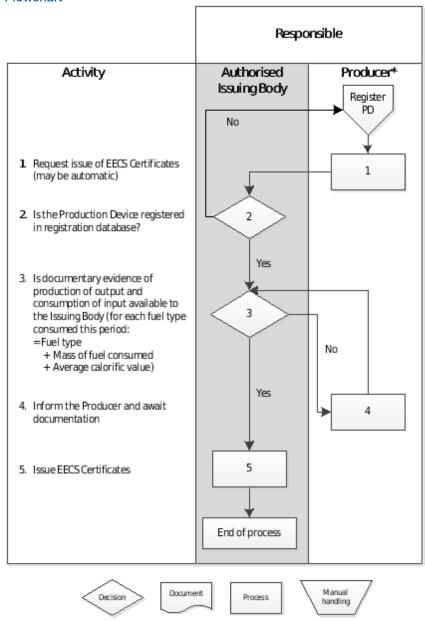
- (a) in respect of the Output from a Production Device which is, at the time of Issue:
 - i) situated in the Netherlands; and
 - ii) registered in myCertiQ for the purposes of an EECS Product as set out in section B.1.3 and B.1.4 above.
- (b) in respect of Output:
 - i) that meets the Output Criteria as set out in this section E;
 - ii) in respect of which VertiCer has received measured values of Output collected and determined by an Authorised Measurement Body which, having regard to the relevant Consumption Declaration where relevant, corroborate the amount so specified; and
 - iii) which has been determined in accordance with the rules described in section C.1 above.
- E.1.2. Exactly one EECS Certificate shall be issued for each whole megawatthour of qualifying Output. VertiCer will deposit such EECS Certificate in the Transferables Account nominated by the Registrant. Any identifiable residual kilowatthours will be carried forward to the next issuing period until one MWh is reached.

E.2 Processes

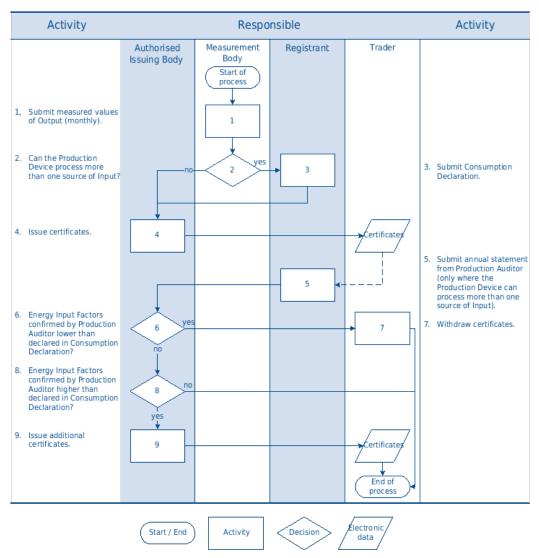
C3.4.1	C3.4.3	C3.5.1	C3.5.2	C3.5.3	D7.1.2	N6.4.
06.4.						



E.2.1. Flowchart







- E.2.2. EECS GOs are issued for the total net amount of electricity produced by the Production Device and supplied to the network in Netherlands during one calendar month period..
- E.2.3. The process is automated; where VertiCer is in receipt of all the required information, the issuing automatically takes place the following calendar day.
- E.2.4. The Account Holder nominated by the Registrant can view EECS Certificates issued to his Account at any time by logging onto myCertiQ.

EECS Domain Protocol

E.3 Measurement

This section demonstrates compliance with the following EECS Rules:

D6.1.2	N6.4.	06.4		

- E.3.1. The Output of Production Devices is measured in accordance with the Measuring Code ('Meetcode') as determined by the Regulator in accordance with article 31, paragraph 1, sub b of the Electricity Act, as amended.
- E.3.2. Measured volumes are collected by the Measurement Bodies and submitted to VertiCer electronically.
- E.3.3. All measurement data so submitted is automatically verified by myCertiQ against the registered capacities of the relevant Production Devices.
- E.3.4. In accordance with the Product Rules in section C.1, the Measurement Frequency shall be:
 - (a) where the connection capacity of the Production Device is less than or equal to 3×80 A: every twelve months;
 - (b) where the connection capacity of the Production Device is greater than 3×80 A: monthly.
- E.3.5. The amount of qualifying Output shall be calculated by multiplying the measured volume by the Energy Input Factor:
 - (a) Where a Production Device can be fuelled by more than one Source of Input, the Energy Input Factor shall be as determined in section E.5 below.
 - (b) Where a Production Device is fuelled by municipal waste or comparable commercial waste, the Energy Input Factor shall be:
 - for the renewable share: determined as described in section C.5.1 above;
 - ii) for the non-renewable share: 1 minus the renewable share.
 - (c) In all other cases, the Energy Input Factor shall be 1.

E.4 Energy Carries Conversion and Energy Storage (Including Pumped Storage)

N5.3.1

- E.4.1. Article 1 of the <u>Electricity Act</u>, as amended, stipulates that electricity discharged from a storage device shall not be considered renewable.
- E.4.2. There are no Pumped Storage plant in the Netherlands, due to a natural lack of sufficient gradient.
- E.4.3. The procedure for conversion from electricity to other from renewable sources can be found at:

 https://www.certiq.nl/fileadmin/certiq_upload/Documenten/Handleidingen/Handleiding-conversie-elektriciteit_naar_waterstof_via_Electrolyzer_website.pdf
 - (a) Issuing other gas from renewable sources GOs will not be based on the total MWh produced by the electrolyser. These GOs will



- only be issued if electricity EECS GOs from renewable sources are cancelled by the Account Holder.
- (b) The Account Holder for conversion is a trader who needs to cancel electricity EECS GOs for the specific electrolyser for which issuing of other gas from renewable sources GOs is requested.

E.5 Combustion Fuels (e.g. Biomass) and Production Devices with multiple energy inputs

This section demonstrates compliance with the following EECS Rules:

N6.3.2 O6.3.2					
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- E.5.1. Where the Production Device can be fuelled by more than one Source of Input the Registrant must submit a Consumption Declaration for that Production Device for every calendar month and specify therein the Energy Input Factor for each type of Input used during the calendar month to which that Consumption Declaration relates. This is done by entering the Energy Input Factors directly into myCertiQ.
- E.5.2. Within four months after the end of each calendar year, the Registrant must submit a statement from a Production Auditor, verifying the Consumption Declarations submitted to VertiCer in relation to the prior calendar year.
- E.5.3. VertiCer will check the Consumption Declarations submitted by the Registrant against the statement from the Production Auditor within 8 weeks of submittance. Where an Energy Input Factor confirmed by the Production Auditor exceeds the Energy Input Factor submitted by the Registrant, VertiCer will issue additional EECS GOs. Where an Energy Input Factor confirmed by the Production Auditor is exceeded by the Energy Input Factor submitted by the Registrant, EECS GOs will be withdrawn in accordance with section E.8 below to compensate for the discrepancy.

E.6 Format

This section demonstrates compliance with the following EECS Rules:

C3.5.4	C3.5.5	N6.5.	N6.6	07	08	
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E.6.1. EECS GOs shall be Issued in such format as may be determined by AIB.

E.7 Transferring EECS Certificates

(C5.1.1	C5.1.3	C5.1.6		

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- E.7.1. The Transferables Account Holder (Transferor) may request transfer of EECS Certificates held in their Account by specifying in myCertiQ:
 - (a) the identity of the recipient (Transferee);
 - (b) the EECS Certificate(s) to be transferred; and
 - (c) the effective date of transfer.
- E.7.2. Where a Transfer Request is received in accordance with section E.7.1 above, on the date of transfer specified in the request myCertiQ will automatically:
 - (a) remove the EECS Certificate(s) specified in the request from the Transferor's Transferables Account;
 - (b) where the Transferee's Transferables Account specified in the Transfer Request is in myCertiQ:
 - i) include the EECS Certificate(s) referred to in (a) above in the Transferee's Transferables Account:
 - ii) confirm, to the Transferor, the identity of the EECS Certificate(s) so transferred by reference to their unique identifying number(s); and
 - iii) confirm, to the Transferee, the identity of the Transferor and of the EECS Certificate(s) so transferred by reference to their unique identifying number; and
 - (c) where the Transferee's Transferables Account specified in the Transfer Request is on a different EECS Registration Database:
 - send an export message to the AIB Hub, which in turn will notify the operator of that other EECS Registration Database of that Transfer Request;
 - ii) record the export of such EECS Certificate(s);
 - iii) on receipt of confirmation from the AIB Hub that the transfer has been completed, confirm to the Transferor the identity of the EECS Certificate(s) so transferred by reference to their unique identifying numbers.
- E.7.3. Where myCertiQ is notified by the AIB Hub of a Transfer Request including details of an EECS Certificate, together with the account number for a Transferables Account registered on it, it will:
 - (a) insert that EECS Certificate in that Account Holder's Transferables Account:
 - (b) send confirmation to the AIB Hub that the transfer of that EECS Certificate has been completed; and
 - (c) confirm, to the Transferee, that such EECS Certificate has been transferred by reference to its unique identifying number.
- E.7.4. Where myCertiQ is notified by the AIB Hub of a Transfer Request, and pursuant thereto receives an account number which does not correspond with an account number for a Transferables Account registered on it, VertiCer shall use reasonable endeavours to exchange information such that the correct account number can be identified, failing which:
 - (a) the full details of the EECS Certificates that were to be transferred shall be re-entered into the Transferor's Transferables Account on the relevant EECS Registration Database and that EECS Registration Database shall

EECS Domain Protocol

be amended so that the EECS Certificates are no longer recorded as having been exported; and

- (b) all details of such Certificates shall be removed from myCertiQ.
- E.7.5. myCertiQ processes all Transfer Requests without human interference within minutes, thus reducing any room for error to a minimum. Where VertiCer becomes aware of an error introduced in an EECS Certificate during its transfer, it will correct the error in accordance with section E.8 below.
- E.7.6. The criteria for EECS Certificates to be transferred to the Netherlands from another Domain are that such EECS Certificates have been issued in and are being transferred to the Netherlands from a Domain:
 - (a) that is a member of the EU; or
 - (b) with which the European Union has concluded an agreement in accordance with article 19.11 of Directive (EU) 2018/2001.
- E.7.7. It is in principle not allowed to cancel EECS Certificates:
 - (a) in the Netherlands for use in another Domain; or
 - (b) in another Domain for use in the Netherlands.

E.8 Administration of Malfunctions, Corrections and Errors

C5.1.7	C8.4.1	C8.4.2	C8.4.3	C8.5.1	D9.1.2	

- E.8.1. Once issued, the details of an EECS GOs cannot be altered or deleted except to correct an error.
- E.8.2. In the event that it transpires that VertiCer issued too many EECS GOs, VertiCer will oblige the relevant Transferables Account Holder to withdraw EECS GOs of the same type and with the same combined Face Value to compensate for the discrepancy. If there are not enough EECS Certificates on that Transferables Account, the Transferables Account Holder must acquire them, either by purchasing them from other Account Holders, or by the issuance of new EECS GOs.
- E.8.3. In the event that it transpires that VertiCer issued too few EECS Certificates, it will issue additional EECS Certificates.
- E.8.4. Where VertiCer becomes aware of an error introduced in an EECS Certificate during its transfer:
 - (a) if at such time the Certificate is held within myCertiQ, VertiCer will correct the error, provided that:
 - (b) the Account Holder has agreed to such alteration;
 - (c) it is reasonably satisfied that any unjust enrichment of an Account Holder as a consequence of such error has, to the extent reasonably practicable, been nullified; and
 - (d) it is reasonably satisfied that the alteration itself does not give rise to undue enrichment of the Account Holder.
 - (e) if at such time the Certificate is held within another registry, VertiCer will contact that registry's operator in order to determine the correct course of action
- E.8.5. All errors will be corrected within the shortest possible delay after their being detected.

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E.9 End of Life of EECS Certificates - Cancellation

This section demonstrates compliance with the following EECS Rules:

C5.2.3 C6.1.1	C7.1.1	C7.2.1	C7.2.2	C7.2.3	C7.3.1
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- E.9.1. Cancellation is removing a Certificate from circulation for the Purpose of Disclosure. Once Cancelled, a Certificate cannot be moved to any other account, and so is no longer tradable.
- E.9.2. Only EECS Certificates with the status 'Valid' in myCertiQ can be Cancelled.
- E.9.3. A Transferables Account Holder may request Cancellation of EECS Certificates held in their Account by specifying in myCertiQ:
 - (a) the type of beneficiary (either 'energy supplier' or 'end user') and their identity;
 - (b) the EECS Certificates to be Cancelled;
 - (c) the period during which the associated energy has been consumed; and
 - (d) the effective date of Cancellation.

The country where the electricity associated with the Cancellation is consumed shall be the Netherlands.

- E.9.4. Cancellation Requests are carried out automatically on the date of Cancellation specified under E.9.3(d) above, at which point the status of the EECS Certificates is changed from 'Valid' to 'Cancelled', thereby securing that EECS Certificates can be Cancelled only once and that afterwards, they cannot be transferred or withdrawn. Upon completion of the Cancellation, the Transferables Account Holder will automatically receive confirmation.
- E.9.5. Where the beneficiary of the Cancellation specified under section E.9.3(a) above is an end user:
 - (a) the end user will receive automatic confirmation. The end user can view the details of EECS Certificates Cancelled on its behalf by logging on to myCertiQ.
 - (b) the Cancelling Transferables Account Holder can download a Cancellation Statement to provide to the end user. An example of the Cancellation Statement is provided in Annex 5: EECS Electricity Cancellation Statement.

E.10 End of Life of EECS Certificates – Expiry

C5.2.3	C6.1.1c	E6.2.1h		

- E.10.1. Expiry is removing a Certificate from circulation due to the passage of time.
- E.10.2. In the Netherlands, EECS Certificates cease to be valid for cancellation twelve months after the end of the period during which the Output to which they relate

EECS Domain Protocol

was produced. This means that for example an EECS GO issued for production of January 2021 shall expire on the 31st of January 2022.

E.10.3. Where:

- (a) VertiCer issues an EECS GO; or
- (b) an EECS Certificate is imported into myCertiQ in accordance with section E.7.3 above;

if such Certificate relates to Output for which the end of production is more than twelve months in the past, the EECS Certificate will expire immediately.

E.11 End of Life of EECS Certificates – Withdrawal

C5.2.3	C6.1.1	C8.2.1				
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- E.11.1. Withdrawal is removing a Certificate from circulation to correct an error. EECS Certificates which have been withdrawn are no longer valid for transfer.
- E.11.2. Withdrawal occurs in accordance with section E.8.2 above. The Transferables Account Holder can specify the EECS Certificates to be withdrawn and the effective date of withdrawal on myCertiQ. Withdrawals are carried out automatically on the date of withdrawal so specified, at which point the status of the EECS Certificates is changed from 'Valid' to 'Withdrawn', thereby securing that EECS Certificates can be withdrawn only once and that afterwards, they cannot be transferred or cancelled. Upon completion of the withdrawal, the Transferables Account Holder will automatically receive confirmation.

E E C S

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F Issuer's Agents

VertiCer does not employ agents to carry out any of its tasks. The roles that are relevant to the functioning of the Domain Scheme in the Netherlands are set out in section B.3 above.

G Activity Reporting

G.1 Public Reports

This section demonstrates compliance with the following EECS Rules:

E3.3.4	HPA			
	section			
	14.2			

- G.1.1. VertiCer shall publish each month on www.verticer.eu a report on the number of EECS Certificates, which, within the preceding calendar month:
 - (a) it has Issued;
 - (b) have been transferred within myCertiQ from one account to another;
 - (c) have been transferred into myCertiQ from EECS Registration Databases of other Members;
 - (d) have been transferred from myCertiQ to EECS Registration Databases of other Members
 - (e) it has Cancelled;
 - (f) which have Expired.

G.2 Record Retention

A12.1.1	C5.1.2			

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- G.2.1. All data contained in myCertiQ and all associated files are in principle retained in electronic form until ten years after the end date of the registration of the associated production device.
- G.2.2. Any natural person can give written notice to VertiCer of their intent to exercise their right for deletion of their data. Such notice shall comply with the following requirements:
 - (a) Where such notice is given by a representative of any Registrant or Account Holder, the notice must contain details of the person who will replace them as representative of that Registrant or Account Holder.
 - (b) Where such notice is given by the owner of a Production Device, that owner:
 - i) explicitly consents with their Production Device(s) being de-registered in accordance with section D.4 above;
 - ii) explicitly withdraws their consent regarding the Standard Terms and Conditions; and
 - iii) shall recognise that VertiCer shall cease providing its services to that Registrant, accordingly.
- G.2.3. Upon receipt of a valid notice given under section G.2.2 above, VertiCer shall amend its databases, such that any data on the natural person is deleted or anonimised if no GO has been issued. This process shall normally be completed within one month.

G.3 Orderly Market Reporting

E4.2.5 E4.2.6 E4.2.7

- G.3.1. Where VertiCer suspects that an EECS Market Participant fails to comply with the rules mentioned in section C above, it shall at its discretion report such suspected failure to the Competent Authorities in relation to such matters. Such failures shall include behaviour by EECS Market Participants of which VertiCer is aware and which, in its reasonable opinion, amounts to a breach of Competition Law, or applicable law governing the conduct of financial markets.
- G.3.2. VertiCer shall notify the AIB of any report made by it under section G.3.1 and shall provide the AIB with as much information in relation to such report as is consistent with any duty of confidentiality it may have to the relevant EECS Market Participant(s).
- G.3.3. Where VertiCer determines that an EECS Market Participant is in breach of the rules mentioned in section C above or determines that a Production Device does not meet the requirements of section D.3 above, VertiCer shall:
 - (a) in case of material non-compliance by the Registrant, and in accordance with section D.7.1(b) above, amend the record of that Production Device to reflect that is has ceased to qualify for EECS GOs; and
 - (b) notify the AIB of such breach where VertiCer is of the reasonable opinion that such breach could affect the transfer of EECS Certificates out of myCertiQ into the EECS Registration Database of another Member.

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H Association of Issuing Bodies

H.1 Membership

This section demonstrates compliance with the following EECS Rules:

C2.2.6	C2.2.7			

- H.1.1. The AIB brings together the issuing bodies of European energy certificate schemes. The AIB promotes the use of a standardised system, based on a harmonised environment, structures and procedures in order to ensure the reliable operation of European energy certificate systems. With its independent and peer reviews, and its periodic audits, the AIB provides a robust framework for reliable and fraud-resistant GO systems. Among others, it can also act by suspending transfers through the Hub. Membership of AIB facilitates mutual recognition of GOs across Europe.
- H.1.2. In case VertiCer ceases to be a Scheme Member of an EECS Scheme, it shall revise its EECS Registration Database so that every Production Device registered therein ceases to be registered for the purposes of that EECS Scheme. Certificate issuing under that EECS Scheme would stop, and EECS GOs would remain tradable only until Expiry.
- H.1.3. In case VertiCer ceases to be the Authorised Issuing Body for EECS Certificates, it shall revise its EECS Registration Database so that each Production Device in the Domain ceases to be registered for the purposes of EECS GOs, it shall stop issuing EECS GOs and after a transitional period the registry shall be taken offline.

H.2 Complaints to the AIB

This section must demonstrate compliance with the following EECS Rules:

None	(J1.1.2)			
directly				

- H.2.1. An Account Holder is allowed to notify the Secretary General of AIB in writing in case:
 - a) an Authorised Issuing Body in relation to an EECS Certificate is in breach of any of the provisions of Product Rules in relation to EECS Certificates; or
 - b) any Product Rules do not comply with the relevant provisions of the EECS Rules, and evidence is provided substantiating such allegation, and only where the Authorised Issuing Body has been given adequate opportunity to respond to such allegation.

The General Secretary of AIB shall invite the relevant Authorised Issuing Body to respond to the allegation.

I Change Control

1.1 Complaints to VertiCer B.V.

EECS Domain Protocol

None			
directly			

- I.1.1. Annex 1: Contacts List contains contact information on all parties involved in the implementation of the EECS Electricity Scheme in the Netherlands.
- I.1.2. Complaints can be filed with VertiCer:
 - (a) by telephone: +31 (0) 26 373 1658
 - (b) by email: servicedesk@verticer.eu
 - (c) by post: VeriCer B.V., Concourslaan 17, 9727KC Groningen the Netherlands
- I.1.3. VertiCer will respond within three working days after receipt of such complaint, informing the complainant of the applicable procedures. VertiCer strives to resolve all complaints within three weeks. Where for whatever reason this proves impossible, VertiCer will inform the complainant of the reason for the delay and keep them informed on further progress. Upon resolution of a complaint, VertiCer will send written confirmation of the outcome.

1.2 **Disputes**

This section demonstrate compliance with the following EECS Rules:

None			
directly			

I.2.1. Disputes shall be resolved in accordance with the relevant stipulations of STC.

1.3 Change Requests

E4.2.3 E6.2.1e	L5.1.1				
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- I.3.1. Any EECS Participant to the Dutch Domain Scheme may propose a modification to this Domain Protocol. Such a proposal will include a detailed description, including an exact specification of such modification, and be passed in writing to VertiCer.
- I.3.2. On receipt of such a request, VertiCer shall:
 - (a) respond to the request within thirty working days, describing the procedures to be followed, and estimating when a reply can be expected;
 - (b) consult with the other EECS Participants to the Dutch Domain Scheme that might be affected by such modification;
 - (c) decide whether the request and its consequences are in its opinion reasonable;
 - (d) inform the EECS Participants to the Dutch Domain Scheme of the outcome.
- I.3.3. VertiCer may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.



- I.3.4. Any modifications to this Domain Protocol are subject to approval by the AIB that such changes do not conflict with the EECS Rules.
- I.3.5. Implementation of modifications will be notified by and take effect on publication of the documentation on the website: www.verticer.eu.

EECS Domain Protocol

Annex 1: Contacts List

Authorised Issuing Body/Registry Operator

VertiCer

Phone number:.....+31 26 373 1658

E-mail: servicedesk@Verticer.eu

Website: www.Verticer.eu

Postal address: Visiting address:
Concourslaan 17
Concourslaan 17
9727 KC Groningen
9727 KC Groningen
the Netherlands
the Netherlands

Regulator

Authority for Consumers & Markets

Phone number:.....+31 70 7222 000

Website: www.acm.nl

Postal address: Visiting address:
P.O. box 16326 Muzenstraat 41

2500 BH THE HAGUE 2511 WB THE HAGUE

The Netherlands The Netherlands

Production Registrars

See http://www.netbeheernederland.nl/netbeheer-nederland/leden

Production Auditors

For accountants, see:

www.nba.nl

For metering companies, see:

www.tennet.eu/nl/elektriciteitsmarkt/nederlandse-markt/mv-register-elektriciteit

For the Transmission System Operator and Distribution System Operators, see:

www.netbeheernederland.nl/netbeheer-nederland/leden



Annex 2: Account Application/Amendment Form

Please refer to: https://www.verticer.eu

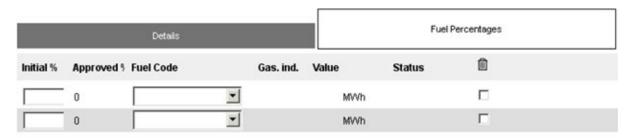


Annex 3: Device Registration Form

Please refer to: https://www.verticer.eu



Annex 4: Consumption Declaration form in myCertiQ









Annex 5: EECS Electricity Cancellation Statement



Cancellation Statement

This cancellation statement serves to prove that the certificates contained herein have been cancelled and are therefore no longer tradable. Onward sale of this Cancellation Statement is prohibited. The environmental qualities of the associated energy have been consumed and this Cancellation Statement and these Certificates may not be transferred to any party other than the end-consumer.

Cancellation Information Cancellation transaction date: 2022-02-02 Total GO (MWh): 201 Cancellation category: GO renewable electricity **Account Holder From** Beneficiary Name of beneficiary: Account holder: Account: Account: Netherlands Country of consumption: Netherlands Domain: Consumption period: 2021 Street: Postal code and City: Type of Beneficiary: **End Consumer** Country: Brand name: **Disclaimer**

No rights may be derived from this cancellation statement. The end consumer can view the details of the actual GOs that were cancelled by logging onto the myCertiQ registry. In the event of discrepancies between the information contained in this cancellation statement and in the myCertiQ registry, the latter shall prevail.

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certiq

				Identity Ce	rtificate			
#	From Certificate ID To Certificate ID	Volume	Domain	Issue date	Fuel Technology	Period start Period end	Productiondevice ID Support Schemes	Energy Medium Certificate Type
1	871686799993800000 871686799993800000	43	Netherlands	2021-10-16	F01040100 T010100	2021-09-01 2021-10-01	871 Production support	E GO renewable electricity
2	871686799993800000 871686799993800000	54	Netherlands	2021-09-16	F01040100 T010100	2021-08-01 2021-09-01	871 Production support	E GO renewable electricity
3	871686799993800000 871686799993800000	66	Netherlands	2021-08-17	F01040100 T010100	20 <u>2</u> 1-07-01	871 Production support	E GO renewable electricity
4	871686799993800000 871686799993800000	5	Netherlands	2022-01-18	F01 10) 01 1 0	2021-12-01 2022-01-01	871 Production support	E GO renewable electricity
5	871686799993800000 871686799993800000	9	Netherlands	2021 276	Fc 040100 1010100	2021-11-01 2021-12-01	871 Production support	E GO renewable electricity
6	871686799993800000 871686799993800000	24	Netherlands	021 1-16	F01040100 T010100	2021-10-01 2021-11-01	871 Production support	E GO renewable electricity

	Fuels	Technologies		
Fuel Code	Fuel Description	Technology Code	Technology Description	
F01040100	Renewable Heat Solar unspecified	T010100	Solar Photovoltaics Unspecified	

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