



EECS

DOMAIN PROTOCOL

FOR

BRUGEL – BRUSSELS, BELGIUM

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A INTRODUCTION

This 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

This section demonstrates compliance with the following EECS Rules:

A11.1.1	C3.1.1	E6.2.1a	E6.3.1	E6.3.2	N2.1.1	O2.1.1
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B.1.1 This Domain Protocol sets out the procedures, rights, and obligations, which apply to the Domain of Brussels, meaning the geographic area of the Brussels-Capital Region in Belgium, and relates to the EECS Electricity and Gas Schemes 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 Brussels-Capital Region (referred to as Brussels hereafter) and is connected to the energy system in Brussels.

The borders of the Domain are determined as follows: the borders of the Brussels-Capital Region, as defined by the Belgian federal legislation.

B.1.3 BRUGEL is authorised to Issue EECS Certificates relating to the following EECS Product(s):

- EECS Guarantees of Origin (EECS GOs).

B.1.4 BRUGEL is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):

- Electricity from renewable energy sources (RES-E GOs);
- Gas, including Hydrogen, issued from renewable sources (RES-G GOs);
- BRUGEL is mandated to issue GOs for High-Efficiency Cogeneration Technology (HEC GOs) by the Ordinance of 19 July 2001 on the organisation of the electricity market in the Brussels-Capital Region Article 27, §2bis.

B.1.5 BRUGEL is authorised to issue EECS Certificates relating to the following Energy Carriers: electricity and gas, and the following energy sources: renewable energy sources (RES), including biomass.

EECS Certificates are issued for the following types of gas: energy gas and hydrogen issued from RES.

B.1.6 BRUGEL is authorised to issue the following types of energy certificates outside of the EECS Framework:

- Green Certificates for renewable electricity and electricity from High-Efficiency Cogeneration (HEC) technology. These regional support certificates cannot be exported and used outside Belgium.
- Guarantees of Origin for thermal energy (i.e. heating and cooling) issued from RES. These GOs are not yet compatible with the EECS system; therefore, they are only national GOs and cannot be traded over the AIB hub.

B.1.7 The following parts of this Domain Protocol do not apply for the Green Certificates in principle, but apply for national GOs, unless otherwise specified. There are some processes that are common for all certificates issued in Brussels, such as certifying eligible Production Devices.

B.2 Status and Interpretation

This section demonstrates compliance with the following EECS Rules:

E6.2.1d	E6.2.4	E6.3.1	E6.3.4
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- B.2.1 This document refers to the EECS Rules 8 version 1.7. It is based on the Domain Protocol template released in February 2024.
- B.2.2 The EECS Rules are subsidiary and supplementary to national legislation.
- B.2.3 The EECS Rules and its subsidiary documents are implemented in Brussels 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 0 of this document.
- B.2.4 The capitalised terms used in this Domain Protocol shall have the meanings ascribed to them in the [EECS Rules](#) except as stated in section 0 of this document.
- B.2.5 This Domain Protocol is contractually binding between any EECS Participant and BRUGEL by agreement in the form of the Standard Terms and Conditions.
- B.2.6 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

This section demonstrates compliance with the following EECS Rules:

A11.1.1	C3.1.1	E4.2.2	E6.2.1c	H
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- B.3.1 The Authorised Issuing Body for EECS GOs in Brussels is BRUGEL. Its role is to administer the EECS Registration Database and its interface with the EECS Transfer System.
- B.3.2 The Competent Authority for EECS GOs in Brussels is BRUGEL. Its role is defined by legislation to be responsible for the operation of EECS GOs in Brussels.
- B.3.3 BRUGEL is the Production Registrar for renewable electricity (RES-E) and renewable gas (RES-G) Production Devices, renewable electricity and electricity issued from HEC, renewable gas and thermal energy from RES.
The Production Registrar is responsible for handling applications to register a Production Device.
- B.3.4 Only certified Production Devices are eligible for Green Certificates, EECS GOs, or national GOs. In Brussels, the initial certification of a Production Device is performed by external certification bodies registered with the Belgian Agency for Accreditation BELAC¹ and accredited by BRUGEL. BRUGEL handles the final registration in its database. The subsequent audits are performed by BRUGEL or accredited external certification bodies.

¹ A list of authorised certification bodies is available here:

FR: <https://www.brugel.brussels/themes/energies-renouvelables-11/certification-dune-installation-34>

NL: https://www.brugel.brussels/nl_BE/themes/hernieuwbare-energie-11/certificering-van-een-installatie-34

B.3.5 The Production Auditor audits the information included in Production Declarations provided by the operator of the concerned Production Device. BRUGEL is the Production Auditor.

B.3.6 The Authorised Measurement Bodies for the net amount of energy produced and injected into the public grid are the Distribution System Operators and the Regional Transmission System Operators (DSO/TSO). They are the bodies established under regional regulation to be responsible for collecting and validating measured volumes of energy used in national financial settlement processes. The grid operators send the measurement data directly to the BRUGEL registry. This is equal for both electricity and gas.

The Authorised Measurement Bodies are responsible for providing the metering values of electricity, gas and thermal energy related to the output of the Production Device. They are responsible for calculating the net energy produced (electricity, gas, or heating and cooling). They collect all extra measurement data necessary for certificate issuance, such as fuel consumption, auxiliaries' consumption, mass, flow etc. The Production Device operator supplies the data and may be subject to inspections by the Production Registrar.

In Brussels, for electricity, the DSO is Sibelga, and the regional TSO is Elia. Information is provided on their respective websites:

- Sibelga: <https://www.sibelga.be/en/about-sibelga>
- Elia: <https://www.elia.be/>

For gas, the DSO is also Sibelga.

There aren't yet officially authorised DSOs for thermal energy.

B.3.7 Contact details for the principal roles and Issuing Body agents are given in Annex 1.

B.3.8 The EECS Registration Database operated by BRUGEL can be accessed via the website <https://extranet.brugel.be/home/>. BRUGEL operates the access to the EECS Registration Database for Production Devices.

B.3.9 As of 1 June 2023, fees are charged to Scheme Participants for performing the following transactions: transfers internal to the Brussels registry, imports (including from other Belgian registries), and cancellations. In line with Art. 27 §2 of the Electricity Ordinance and Art. 22ter §1 of the Gas Ordinance, BRUGEL determines the charges and payment modalities every year, unless it deems unnecessary to do so. The current tariffs are available on the BRUGEL website².

B.3.10 There are no Non-Governmental Certificates in Brussels.

B.3.11 No Label Scheme combinations can be Issued under this Domain Protocol.

B.3.12 There are no other known Issuing Bodies in this Domain.

B.4 Summary: Issuance scope

B.4.1 In summary, BRUGEL has been authorised to Issue the following types of energy certificates:

Issuing Body issues certificates for Electricity	Electricity – Product Type
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² FR: <https://www.brugel.brussels/publication/document/decisions/2023/fr/DECISION-226-REDEVANCE-GO.pdf>

NL: <https://www.brugel.brussels/publication/document/beslissingen/2023/nl/BESLISSING-226-VERGOEDING-GVO.pdf>

	Energy Source	Source	Technology (= High-Efficiency Cogeneration)
EECS GO	Hydro	x	
	Solar	x	
	Wind	x	
	Biomass	x	
	Geothermal	x	
	Landfill & sewage treatment plant gas	x	
	Tidal/wave/other ocean energy	x	
	Natural gas (fossil)		x
National GO (non-EECS*)	None		
EECS Support Certificate	Renewable energy sources	x	
EECS Target Certificate	Natural gas (fossil)		x
EECS NGC (name)	None		
National certificate other than GO (non-EECS*)	None		

(*) Non-EECS certificates may not be transferred over the AIB hub.

Issuing Body issues certificates for Gas	Energy Source	Type of Gas**		
		Methane	Hydrogen	Unspecified Gas
EECS GO	Renewable energy sources	x	x	x
National GO (non-EECS*)	None			
EECS Support Certificate	None (at the moment)			



EECS Target Certificate	None			
EECS (name) NGC	None			
National certificate other than GO (non-EECS*)	None			

(* Non-EECS certificates may not be transferred over the AIB hub.

Issuing Body issues certificates for:		Thermal energy
National GO (non-EECS*)	BRUGEL	Renewable Energy Sources

(* Non-EECS certificates may not be transferred over the AIB hub.

C OVERVIEW OF NATIONAL LEGAL AND REGULATORY FRAMEWORK

C.1 Energy Market context for for electricity and gas

C.1.1 The energy market in Brussels has been fully liberalised since 2007. BRUGEL is the regulatory authority responsible for ensuring the distribution network is efficient, reliable, and accessible to all market participants. BRUGEL also enforces consumer protections and verifies the accuracy of suppliers' disclosure statements for electricity, gas, and thermal energy. Additionally, BRUGEL issues support certificates and GOs. If you want to learn more about how the market functions, you can visit the BRUGEL website (<https://www.brugel.brussels/>), available in French and Dutch.

C.2 The EECS Framework

This section demonstrates compliance with the following EECS Rules:

D3.1.2	E6.2.1b	E6.2.1d	N8	O.10
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C.2.1 For this Domain, the relevant local enabling legislation is as follows:

- the Ordinance of 19 July 2001 on the organisation of the electricity market in the Brussels-Capital Region³ (the Electricity Ordinance hereafter);
- the Ordinance of 1 April 2004 relating to the organisation of the gas market in the Brussels-Capital Region, concerning road charges for gas and electricity and amending the ordinance of 19 July 2001 relating to the organisation of the gas market electricity in the Brussels-Capital Region⁴ (the Gas Ordinance hereafter);
- the Ordinance of 6 May 2021 on the organisation of thermal energy networks and the accounting of thermal energy in the Brussels-Capital Region⁵.

These legislative texts implement Article 19 of EU Directive 2018/2001 and set out the basic principles of the GO system, mainly:

- obligation to issue GOs for RES and HEC electricity, gas issued from RES and thermal energy issued from RES;
- minimum information to be mentioned on a GO.

They are completed by the *Decree of 17 December 2015 of the Government of the Brussels-Capital Region on the promotion of green electricity and energy from renewable sources*⁶ (the Green Energy Decree hereafter), which details:

- BRUGEL's powers and obligations in terms of GOs handling;

³ French: https://www.ejustice.just.fgov.be/img_l/pdf/2001/07/19/2001031386_F.pdf

Dutch: https://www.ejustice.just.fgov.be/img_l/pdf/2001/07/19/2001031386_N.pdf

⁴ French : https://www.ejustice.just.fgov.be/img_l/pdf/2022/03/17/2022020646_F.pdf

Dutch: https://www.ejustice.just.fgov.be/img_l/pdf/2022/03/17/2022020646_N.pdf

⁵ French : <https://www.ejustice.just.fgov.be/eli/ordonnance/2021/05/06/2021031475/justel>

Dutch: <https://www.ejustice.just.fgov.be/eli/ordonnantie/2021/05/06/2021031475/justel>

⁶ French : https://www.ejustice.just.fgov.be/img_l/pdf/2015/12/17/2015031887_F.pdf

Dutch: https://www.ejustice.just.fgov.be/img_l/pdf/2015/12/17/2015031887_N.pdf

- the requirements to be met to receive GOs, including the certification and periodic audit of Production Devices;
- handling of transfers of GOs;
- the recognition of GOs issued outside the Domain;
- suppliers' obligations regarding fuel mix disclosure.

Some significant legal provisions are:

- Provided that an explicit request has been submitted and accepted, BRUGEL grants GOs to the owner of a certified Production Device for the green energy produced for a specific period if :
 - The energy has been injected into the public grid;
 - For green electricity, GOs are issued only for Production Devices with a total electrical capacity of more than 5 kWp. At the time being, here is no capacity limit for gas and thermal energy Production Devices.
- GOs can only be issued based on data measured and validated by an Authorised Measurement Body for energy injected in the public grid. Where applicable, Brugel shall round down the data submitted by the Authorised Measurement Body to the nearest MWh.
- Green certificates (GCs) are issued based on a different data set as GOs and are given separately based on different calculation rules. They cannot be used as a guarantee of origin. If GOs are issued for supported energy, the price of the GOs is considered in the financial support calculation to avoid market distortion.

Links to the legislation are available in French and Dutch (see footnotes).

Finally, the Ministerial Decree of 12 October 2004 establishing the Metering Code (the Metering Code hereafter) sets out the rules and principles for the metering devices and the metering process. The main items contained in the Metering Code concern the precision class of meters, how the different energy flows should be measured, the accessibility, readability and availability of metering values, the sealing of meters and the handling of malfunctions.

C.2.2 BRUGEL has been appointed as an Authorised Issuing Body for EECS GOs for RES-E, HEC, and RES-G under:

- The Electricity Ordinance, Art. 27 §2 and §2bis;
- The Gas Ordinance, Art. 22ter §1.

Both ordinances state: “BRUGEL is responsible for supervising the issue, transfer and cancellation of guarantees of origin in a transparent, objective and non-discriminatory manner.”

BRUGEL's obligations are further detailed in the Green Energy decree, articles 12 §2 (green electricity) and 12ter §2.

BRUGEL has been appointed as an Authorised Issuing Body for national GOs for thermal energy under the Green Energy Decree, art. 12bis §2.

C.3 National Energy Source Disclosure

This section demonstrates compliance with the following EECS Rules:

E3.3.14			
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C.3.1 For this Domain, the authorised body for supervision of disclosure of the origin of energy towards consumers is BRUGEL. This body is responsible for the supervision of disclosure of the origin of the following Energy Carriers:

- Electricity issued from RES;
- Gas issued from RES for the following Types of Gas: methane, hydrogen, unspecified gas;
- Thermal energy (heating and cooling) issued from RES.

C.3.2 The legislation and regulation for disclosure are detailed in the Electricity Ordinance (art. 27 §2bis), the Gas Ordinance (art. 22ter §6) and the Green Energy Decree (art. 16ter). The methodology and process for disclosure are as follows:

- Suppliers provide the DSO/TSO with a monthly list of their end customers receiving energy from renewable sources and the percentage of renewable energy they receive from each source.
- The DSO/TSO then adds the actual or estimated consumption data per supply point and sends the completed data to BRUGEL.
- Based on this data and cancellations made in accordance with Article 16bis §1 of the Green Energy Decree, BRUGEL determines the green part of each supplier's fuel mix and informs them of the number of guarantees of origin required to be submitted.
- BRUGEL approves the green fuel mix based solely on GOs submitted by suppliers and ensures their compliance with the granularity stipulated in their specific supply contracts.
- The fuel mix for the previous year is finalised by the latest 31 March⁷, with the possibility of additional cancellations for suppliers who are close but do not reach 100% of green energy supplied.
- Periodic green energy mix reports for each supplier in the Brussels-Capital Region are published on BRUGEL's website based on the number of cancelled GOs.

The detailed procedure for electricity issued from RES is described in a decision published on 29 October 2021 and available on BRUGEL's website⁸ in French and Dutch. Similar procedures will be implemented for gas and thermal energy from RES once the green energy supply begins in Brussels.

C.3.3 The results of the process are publicly available on the Greencheck, an online tool allowing consumers to check their consumption based on their individual EAN number:

- FR: <https://www.brugel.brussels/outils/greencheck-1> ;

⁷ In practice, the fuel mix is usually closed by 15 April, as stipulated in the related procedure.

⁸ FR : <https://www.brugel.brussels/publication/document/decisions/2021/fr/DECISION-173-PROCEDURE-RAPPORTAGE-VERT-FUEL%20MIX.pdf>

NL : <https://www.brugel.brussels/publication/document/beslissingen/2021/nl/ADVIES-173-PROCEDURE-GROENRAPPORTAGE-BRANDSTOFMIX.pdf>

- NL: https://www.brugel.brussels/nl_BE/outils/greencheck-1.
- C.3.4 Currently, no legal provisions exist to calculate the residual mix. When such legal provisions will be in place, BRUGEL will publish the calculation methodology and procedure on its website. At the time being, information about the grey mix/unknown mix part of the fuel mix is only available via the residual mix as calculated by the AIB and available on their website⁹.
- C.3.5 Cancellation for usage in another Domain (i.e., Ex-Domain Cancellations) are allowed only if a formal agreement exists between the two parties involved and only if, at least, the country of consumption mentioned on the cancellation statement is “Brussels – Capital Region, Belgium”. A more detailed list of conditions is available in the “Procedure for the Recognition of Guarantees of Origin”, in French and Dutch on the BRUGEL website¹⁰.

C.4 National Public Support Schemes

This section demonstrates compliance with the following EECS Rules:

None directly			
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Currently, only green electricity (i.e., issued from RES or HEC) is supported in Brussels. The regional support scheme is based on issuing Green Certificates (GCs) for green electricity production. The system operates based on the savings of CO₂ emissions achieved by the Production Device compared to traditional electricity production. Each certificate represents 217 kg of CO₂ saved. For some technologies, the number of GCs is multiplied by a specific factor to ensure the investment becomes profitable. These factors are reviewed annually to adjust to market conditions, including installation costs and incentives.

Green certificates are sold to suppliers who must return a certain number of GCs every year, known as a "quota", which can only be fulfilled by GCs issued by BRUGEL. This quota is a percentage of their electricity supply in the previous year. The annual quota is set until 2030 by the *Decree of 29 November 2012 by the Government of the Brussels-Capital Region, setting the green certificate quotas for 2013 and subsequent years*¹¹. Failure to cancel the required number of certificates results in a fine of €100 per certificate.

Owners of Production Devices can apply for GCs from BRUGEL and sell them to electricity suppliers and traders on the market. If the market price falls too low, a minimal price support is available (65 € per certificate). To receive the minimal price, GCs must be sold to the TSO.

The suppliers report the cost incurred by this system to their customers via a "green electricity charge". On average, the charge is about 20 € per year per consumer.

⁹ <https://www.aib-net.org/facts/european-residual-mix>

¹⁰ FR : <https://www.brugel.brussels/publication/document/decisions/2023/fr/Decision%20223-procedure-reconnaissance-GO.pdf>

NL : <https://www.brugel.brussels/publication/document/beslissingen/2023/nl/Beslissing-223-procedure-erkenning-garanties-oorsprong.pdf>

¹¹ FR : <https://www.ejustice.just.fgov.be/eli/arrete/2012/11/29/2012031824/justel>

NL : <https://www.ejustice.just.fgov.be/eli/besluit/2012/11/29/2012031824/justel>

The management of Account Holders, Production Devices, issuance of GCs to producers, and return of GCs by suppliers is centralised in a single database that also handles GOs. However, GOs and GCs are separately managed with distinct accounts for issuance, transfer, and cancellation, even if they involve the same Account Holders and Production Devices.

C.5 EECS Product Rules

This section demonstrates compliance with the following EECS Rules:

E6.2.1f	E6.2.1g		
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C.5.1 The EECS Product Rules as applied in Brussels are set out within sections Registration and Certificate Systems Administration of this document.

C.6 Non-EECS certificates in the Domain

BRUGEL is the Authorised Issuing Body for GOs for heating and cooling (thermal energy) issued from RES. While such GOs are considered at the time being as national GOs, the Brussels legislation regarding these GOs is similar to that regulating EECS GOs. As such, GOs for thermal energy will be issued and handled similarly unless otherwise specified. However, they will not be available for transfer and usage outside the Domain.

C.7 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.

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

C.7.1 Deviation from C.2.2.3

In the Brussels domain, Production Devices do not require re-registration after five years. They will remain registered unless there is no longer a valid reason for them to be.

C.7.2 Deviation of the issuing time of GOs in C3.4.1 of the EECS Rules:

C.7.2.1 GOs are issued at the latest six months after the end of the production period. From 2025 onwards issuing takes place a month after the end of the production period.

C.7.2.2 GOs are issued every 3, 6 or 12 months, even if measurements were performed with a higher frequency. Production periods are either 1 month, 6 months or 12 months, depending on issuing frequency. As Brussels installations are generally small and auto-consumption is encouraged, injection into the public grid is limited. By issuing with a lower frequency and longer production periods, the GO losses due to rounding down to the inferior MWh are limited.

C.7.3 Deviation from C.3.4.3

BRUGEL does not carry over quantities of Qualifying Output less than 1 MWh. These quantities are therefore lost for the producer. However, to minimise the losses, BRUGEL chose to issue



less frequently (see above), which is technically much easier to implement given the characteristics of green energy production in Brussels.

D REGISTRATION

D.1 Registration of an Account Holder

This section demonstrates compliance with the following EECS Rules:

G2.2.1			
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D.1.1 Application

Any legal person can become an Account Holder in the Brussels Registry. The application form to open an Account can be found in Annex 2 and on BRUGEL's website in the "Documents" section. It needs to be filled in by the applicant, and the signatories need to demonstrate that they have power of attorney. BRUGEL is entitled to ask for any additional information. BRUGEL approves the applicants after verifying the legal requirements, anti-fraud rules and other inconsistencies. In case of doubt, BRUGEL can deny the participant's registration.

The access to the Registry varies according to the type of Account Holder. In the application process, Account Holders need to specify for which type of account they apply. The main categories are producer, supplier, and trader.

- Producers

Producers must submit a request to BRUGEL using the specific "Request to Open a GO Account Form" (Annex 3). The form requires all relevant contact and identification data, including a copy of the applicant's ID card or passport, proof of power of attorney, and any other representatives the applicant may have. BRUGEL may also ask for additional documents or information as needed. The applicant also must sign the Standard Terms and Conditions, which are included with the form.

- Suppliers

Electricity and gas suppliers must apply for a license before starting operations in Brussels. In addition to submitting the necessary application materials, they must provide contact and identification information, a copy of their passport, and proof of power of attorney to open an account for GOs and GCs to meet their legal obligations. They also must sign the Standard Terms and Conditions.

- Traders

Those who are neither producers nor suppliers are considered traders and follow the same application procedure as producers. In addition, they must complete a mandatory "Know Your Customer" questionnaire and provide all extra information as requested by BRUGEL.

BRUGEL will verify the information provided once BRUGEL has received a complete application. If the verification is successful, the Account Holder will receive their account number, the login and password to the Extranet. The Registry is designed in such a way as to enable Market Participants to access all details of their certificates, such as (but not limited to) date of issuance, expiration date, type of technology, country of origin, unique identifier code, etc.

D.1.2 Maintenance of standing data

The Account Holder is responsible for notifying BRUGEL of any changes to the information registered on the Account Holder in the registry and to any documents submitted when applying for the Account. This includes an updated list of installations if the Account Holder wishes to extend its activities as a producer. Any changes must legally be notified to BRUGEL within 15 days.

D.1.3 Error handling

The Account Holder is responsible for the correctness of the data of their company that is provided to BRUGEL, including contact information, list of installations for which GOs requested, etc. When an error in the Account Holder data is detected, BRUGEL will manually correct the data as soon as possible.

D.2 Resignation of an Account Holder

This section must demonstrate compliance with the following EECS Rules:

None directly			
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D.2.1 To close their account, the Account Holder must inform BRUGEL in writing at least one week before the intended closure date.

D.2.2 The Account must not contain any GOs at the time of closure. If the Account Holder still owns GOs, BRUGEL will inform the Account Holder and request that they empty the account. If they do not comply, the GOs are withdrawn by BRUGEL when closing the account.

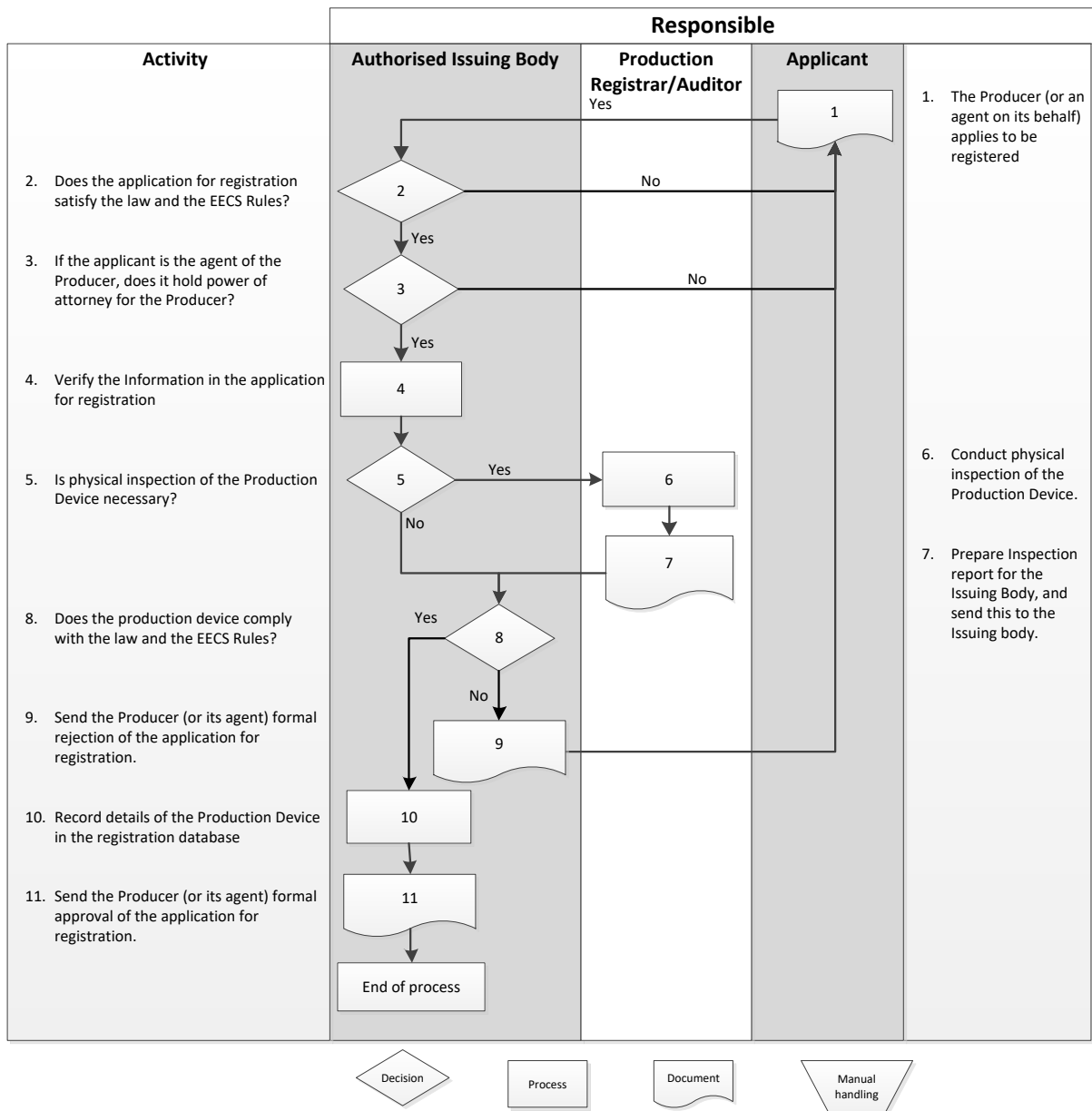
If no certificates or upcoming transfers are left, BRUGEL will archive the account in the Registry on the requested effective date and inform the Account Holder in writing.

D.2.3 Fees are charged every six months based on actual transactions, even if the account is closed before the billing period. The fees will be invoiced at the next billing cycle.

D.3 Registration of a Production Device

This section demonstrates compliance with the following EECS Rules:

C2.1.1	C2.1.2	C2.2.4	D4.1.2	E3.3.10	E3.3.11	N6.2	O6.2
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D.3.1 The owner of a Production Device, or an agent duly authorised by the owner, may register a Production Device located in Brussels in the BRUGEL Registry. The owner or their agent must provide evidence to the satisfaction of BRUGEL that it has the appropriate authority to register the Production Device and that it can comply with the legal requirements and the EECS Rules. Every Production Device can only be registered once.

D.3.2 Only the following Production Devices are eligible to apply for GOs:

- Production Devices that generate electricity from renewable energy sources or high-efficiency cogeneration, with an electrical power greater than 5 kWp;
- Installations producing gas from RES;
- Installations producing heating and cooling from RES.

- D.3.3 A Production Device registered for GOs should have only one energy source. A Production Device using multiple energy sources can be registered for GCs but not for EECS-GOs. If several Production Devices have different technologies on the same production site, they must be registered for GOs separately and have a unique identification number and a separate injection meter. Otherwise, they are not eligible for GOs.
- D.3.4 If several Production Devices have different owners on the same production site, they must be registered for GOs separately and have a unique identification number and a separate injection meter. Otherwise, they are not eligible for GOs.
- D.3.5 To register a Production Device for GCs and/or GOs, applicants must use the form provided by BRUGEL on their website (see Annex 3). Currently, most Production Devices are first registered for GCs before being registered for GOs; the registration process is the same for both.
- D.3.6 If an applicant registers for GOs more than five years after registering for GCs, BRUGEL will verify that the device information is still correct and that no modifications have been made to the installation.
- D.3.7 The applicant for registration of a Production Device must provide BRUGEL with the following information, among others:
- The applicant's name and address and additional contact details, including the name of the individual responsible for the application, phone number, fax number and e-mail address.
 - The names and contact details of persons authorised to act for the applicant.
 - The location of that Production Device, its name and address.
 - The technical description of the Production Device: technology, combustion fuel, brand and type of the machine, nominal power (electrical, heating, cooling, ...), fuel consumption, date of commissioning, etc...;
 - Specific technical information on the energy meters (electrical, heating, fuel, etc.): brand and type of the meter, serial number, precision class, MID-certified, etc.
 - Details of any generating auxiliaries associated with that Production Device.
 - Among other things, the following annexes:
 - Evidence that the applicant either owns the Production Device or has been granted power of representation by the owner.
 - Copies of the ID cards/ passports for both the Account Holder and any representatives they may have.
 - Technical scheme of the Production Device, which depicts the meter.
 - If applicable, a "Piping and Instrumentation Diagram" (PID) for the Production Device. This diagram should illustrate the heating and fuel meters that will be used.
 - SPECS sheet of each of the energy meters.
 - MID-certification document of each of the energy meters.
 - SPECS-sheet of the fuel used.
 - Documentation about the source and origin of the fuel used.
 - The report of an independent accredited inspection body on the General Regulations for Electric Installations (RGIE/AREI).

- The certificate from the grid operator that all technical requirements for connecting a Production Device to the grid have been met, including installing a smart meter.

The applicant must warrant that the information provided to the Production Registrar concerning its application is complete and accurate and that the Production Device meets the legal qualification criteria for GOs.

- D.3.8 The applicant must also provide details of any support payments (other than payments arising from the sale of Certificates) which have been received by or are due to accruing to any person in relation to the Production Device under any of the Public Support schemes.
- D.3.9 Upon reception, BRUGEL immediately sends an acknowledgement to confirm the reception and treatment of the application.

BRUGEL checks that the application is complete and in compliance with the following:

- The Green Energy Decree;
- The Metering code;
- The EECS rules.

BRUGEL is required to review and notify the applicant within one month of receiving their application, indicating whether it meets all legal, administrative, and technical requirements.

- D.3.10 If the application fails to meet the necessary legal, administrative, and technical requirements, the applicant must provide any missing information and/or make any necessary technical modifications to their Production Device. The applicant is given a two-month window to complete these modifications and/or provide any additional information or documents that may be required.
- D.3.11 Once the application meets all necessary legal, administrative, and technical requirements, a physical inspection will be done based on the Production Device's type and nominal power.
- D.3.12 For certain technologies or photovoltaic devices above 10 kWp, a physical inspection will occur within a month of completing your application. The inspection will confirm accuracy, seal relevant energy meters, and record starting meter values for possible support certificates. An inspection report is drafted following a model created, provided, and published by BRUGEL on his website.
- After a physical inspection of the Production Device, the available information is reassessed to determine if the Production Device complies with the legal requirements. If the inspection indicates that the Production Device does not meet the necessary legal, administrative, and technical requirements, the applicant must provide additional information or documents. Alternatively, they may need to make technical modifications to their Production Device.
- D.3.13 A physical inspection is not required for photovoltaic installations with a nominal electrical power of 10 kWp or less. The report from an independent accredited inspection body based on the legal standard General Regulations for Electric Installations (RGIE/AREI) is considered sufficient. This report includes the meter value on the inspection date, which will be used as the starting value for issuing support certificates.

D.3.14 If no issues are found during physical inspection or for Production Devices without discrepancies, the Production Device will be registered in the database.

Formal approval is sent to the applicant that the Production Device is now registered, and credentials are sent to access the Extranet.

The Production Device is registered into BRUGEL’s database and assigned a unique identifier. EAN codes are used.

D.3.15 By applying for registration, the applicant agrees to allow BRUGEL to publish the data related to each of their Production Devices registered on the database on the website. However, detailed descriptions of the plant and equipment, graphical representations such as diagrams and photographs, and information about the person responsible for the application will not be disclosed.

D.4 De-Registration of a Production Device

This section must demonstrate compliance with the following EECS Rules:

None directly			
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D.4.1 A written request with the closure date should be sent to BRUGEL to deregister a Production Device and close the account. If needed, BRUGEL issues one last time GOs for the account based on the closure date and data provided by the Authorised Measurement Body. Any remaining GOs must be sold or left until expiry before closure. Once there are no GOs left on the account, the Production Device will be deregistered, and a confirmation letter will be sent to the Account Holder.

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
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D.5.1 The Account Holder is responsible for informing BRUGEL of any updates or modifications made to the information registered on the Production Device and provided to BRUGEL at the time of registration. These changes must be communicated to BRUGEL within 15 days of their occurrence to comply with legal requirements.

Upon reception of a change notification, BRUGEL will evaluate the impact of the changes on the qualifying criteria and will analyse if an additional inspection is needed or if any correction on the calculation of GO must be made. BRUGEL will respond to the Account Holder within one month, explaining the decision taken. Additionally, BRUGEL will update the Production Device data based on the notified changes and its findings.

D.5.2 If BRUGEL becomes aware that a Production Device no longer fulfils or will no longer fulfil the qualification criteria, the registration database record for that Production Device will be

updated accordingly. The update will take effect either on the date planned changes are due to come into effect or as soon as reasonably practicable after becoming aware of other changes.

- D.5.3 Should BRUGEL cease to provide services for GOs, the registration of Production Devices for GOs will terminate on the same date as the service ceases.

D.6 Audit of Registered Production Devices

This section demonstrates compliance with the following EECS Rules:

E3.3.7	E3.3.8	D5.1.2	
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- D.6.1 Registered Production Devices for GO issuing are audited every five years. BRUGEL may also perform at any time ad-hoc audits. These audits assess if the technical and administrative requirements for initial registration are still being met.
- D.6.2 The inspection audit is performed by the Production Registrar or an external inspection body accredited by BELAC and designated by BRUGEL. It is ordered by BRUGEL. The owner of the Production Device supports the audit costs.
- D.6.3 After the audit, an inspection report will be created which confirms, adapts, or withdraws the registration of the Production Device.
- D.6.4 Refusal to permit access to a Production Device may be considered a breach of the Standard Terms and Conditions.
- D.6.5 If an inspection identifies material differences from the details recorded on the EECS Registration Database, the Registrant must re-apply to register the Production Device.
- D.6.6 Inspections verify that the Measurement Devices are correctly positioned to measure the quantity needed for calculating the amount of EECS Certificates to be Issued.
- D.6.7 Inspections confirm the accuracy of the Measurement Devices involved in calculating the amount of EECS Certificates to be Issued to be acceptable in accordance with the existing regulatory framework and applicable standards.
- D.6.8 Inspections confirm that the formula for calculating the amount of EECS Certificates correctly reflects the amount of output that qualifies for these EECS Certificates.
- D.6.9 Specific details on gas inspections
- D.6.9.1 A documentation inspection should be realised every year. It includes verification of the metering equipment used for the metering of the inputs and outputs. The metering data is verified by the distribution system operator responsible for the injection point. The distribution system operator provides the metering data directly via an automated interface or manually to BRUGEL.
- D.6.9.2 The checking of the metering equipment includes checking of injection points of renewable gas production plants.
- D.6.9.3 The meters, volumes, and calorific value records shall be kept for five years.

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 The Account Holder is responsible for the correctness of the data of his Production Device provided to BRUGEL. When an error in the Production Device data is detected, BRUGEL will manually correct the data and, when applicable, rectify the number of certificates issued.
- D.7.2 Any errors in EECS Certificates resulting from an error in a Production Device's registered data will be handled in accordance with section E.9.

E CERTIFICATE SYSTEMS ADMINISTRATION

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	C3.4.4	E3.3.10	N3.1.1	O3.1.1

E.1.1 A GO has a face value of 1 MWh.

E.1.2 Only one GO can be issued for the same MWh.

E.1.3 Only the following Production Devices are eligible to receive EECS GOs:

- Production Devices that generate electricity from renewable energy sources or high-efficiency cogeneration with an electrical power greater than 5 kWp.
- Installations producing gas from RES.

E.1.4 National GOs will only be issued for installations producing heating and cooling from RES.

E.1.5 To qualify for an EECS or national certificate, electricity, gas, and thermal energy for a given period must be:

- recognised as renewable or high-efficiency cogeneration;
- properly metered by an Authorised Measurement Body;
- calculated as the energy injected into the grid (nett metering) by eligible and registered Production Devices.

E.1.6 All GOs in the Brussels Registry are issued by BRUGEL using the same procedure.

E.2 Processes

This section demonstrates compliance with the following EECS Rules:

A.4	C3.4.1	C3.4.3	C3.5.1	C3.5.2
C3.5.3	C4.1.1	C4.1.3	D7.1.2	E.2
N6.4.	O6.4			

E.2.1 The Account Holder of a Transferable GOs Account should be treated (as between the Account Holder and that Member) as the owner of the EECS Certificates.

E.2.2 Each EECS Member shall ensure that its manual and automated information systems for the issue, holding and transfer of EECS Certificates are able to support an audit of all transactions with respect to EECS Certificates.

E.2.3 Each Member shall use in connection with any EECS Scheme the EECS Registration Database and Transfer Links approved for the purposes of that EECS Scheme.

E.2.4 GOs are only issued for Production Devices situated in the Brussels-Capital Region and registered in BRUGEL's registration database.

E.2.5 The GOs shall be issued in such format as AIB may determine.

E.2.6 GOs are only issued if the following requirements are respected.

- A request for GOs has been introduced using the “Request for the opening of a GO account” form available on the BRUGEL website, and all the requested documents and information have been provided.
- GOs are issued to the owner of the Production Device if they have a valid contract for injection. Without a valid contract for injection, GOs will not be issued.
- Injection data must be provided and validated by an Authorised Measurement Body based on a request from BRUGEL and only if there is a valid injection contract.
- The Production Device has only one source of energy and technology.
- There is only one owner for all the Production Devices with the same connection point to the grid and the same injection meter.

E.2.7 GOs are only issued for energy injected into the public grid by eligible and registered Production Devices.

For electricity Production Devices, the electricity injected into the grid is considered netted from auxiliaries’ energy consumption, as auxiliaries are to be connected to the same grid-connection point as the Production Device.

For gas and thermal energy Production Devices, the consumption of auxiliaries must be measured and communicated to ensure that no GOs are issued for it.

E.2.8 HEC GOs are issued using the AIB cogeneration model, based on the production and injection data provided and validated by the Authorised Measurement Body; production data is collected via production declarations sent electronically by the producer to the grid operator.

E.2.9 For energy production consumed on-site, non-EECS GOs are issued and cancelled immediately upon issue; therefore, these non-EECS GOs cannot be transferred nor used for disclosure.

E.2.10 GOs cannot be issued for energy produced and consumed as part of an energy community; such energy is treated as consumed on-site.

E.2.11 GOs are issued every 3, 6, or 12 months, depending on the type of injection meter and capacity of the Production Device.

E.2.12 GO issuance is semi-automatic.

Upon reception of the injection data from the Authorised Measurement Body, a final check and validation are performed manually by BRUGEL before batch-issuing is confirmed.

E.2.13 Residual kWh are not carried forward to the next issuing period; resulting GOs losses are minimised by extended issuance periods (3, 6, or 12 months).

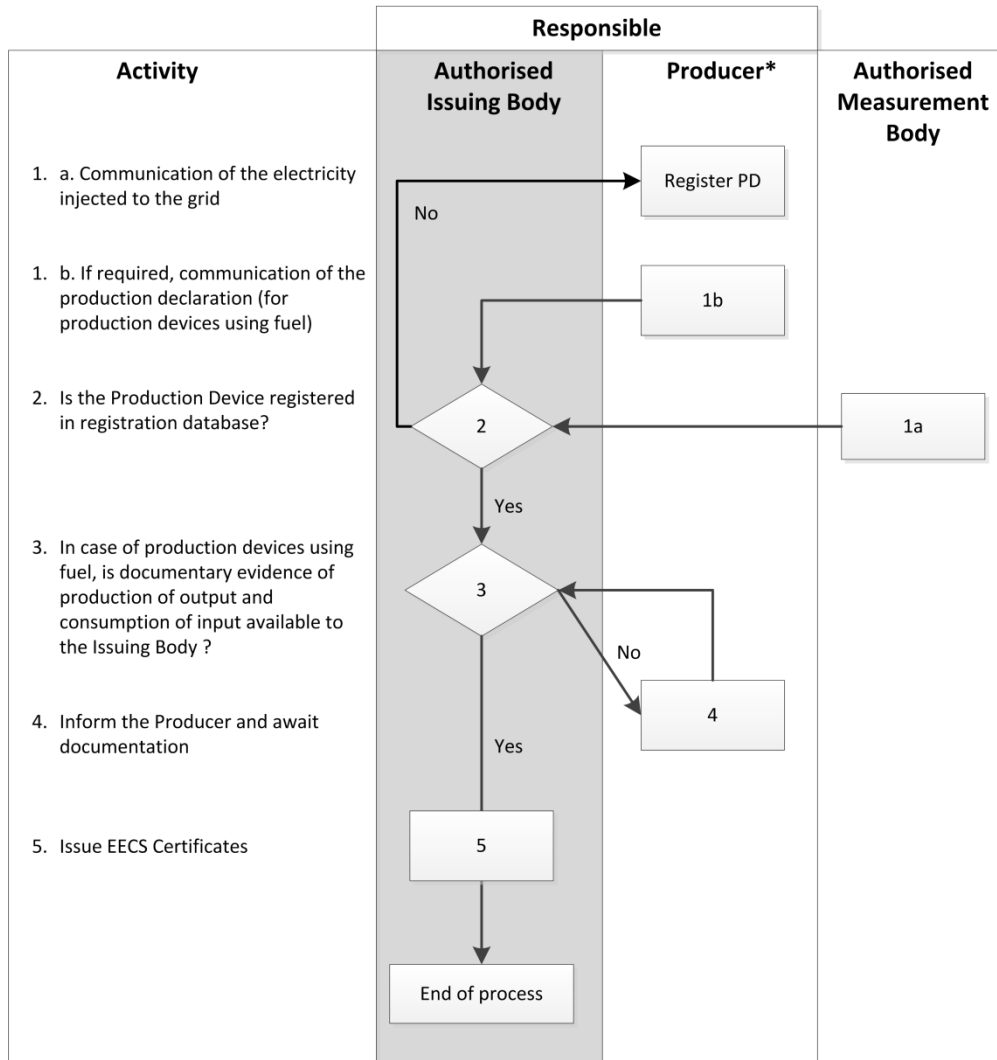
E.2.14 An EECS GO can only be issued:

- for output for which the related production period is not more than 13 calendar months;
- when the last day of the related production period is not more than 12 calendar months before the issuing date.

An exception to this last rule is for handling corrections made to the number of GOs issued, particularly when issuance is based on the organic fraction of the incinerated municipal waste. In such cases, GOs can be issued well after the end of the production period. However, such

GOs cannot be transferred or used outside Brussels and are cancelled immediately for disclosure purposes in the Brussels Domain.

E.2.15 Process



* The Producer is the generic term for the party which requests certificates and might include production aggregators, portfolio managers etc.

1. The Authorised Measurement Bodies monthly provide data on the electricity injected into the grid.
Production Devices that use fuel also send their production declarations to BRUGEL every quarter.
2. To ensure accuracy, verification confirms that the Production Device is registered in the database.

3. Where appropriate, completeness of the production declaration is validated, which involves checking:
 - the information on type, origin, and characteristics (masses, volumes, calorific values, etc.) of the used fuel(s);
 - for HEC, the efficiencies to ensure that the HEC criterion is met for the production period are considered.
4. If any information is missing, the producer is notified and asked to provide the necessary information.
5. Once everything is in order, GOs are issued and the producers are informed by email.

E.3 Measurement

This section demonstrates compliance with the following EECS Rules:

D6.1.2	N6.4.	O6.4	
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- E.3.1 GO are issued for the electricity fed into the grid based on the readings from the grid meters owned by the grid operators. These readings are communicated every month or every 3, 6 or 12 months, depending on the type of meter, installation capacity and technology.
- E.3.2 For Production Devices using fuel, the producer must provide a production declaration that includes the readings from their privately owned metering devices located behind the official grid meter. These metering devices must comply with the Metering Code, which sets specific requirements for energy meters.
- Compliance with the European “Measurement and Instrumentation Directive 2004/22/CE”, hereafter referred to as “MID”;
 - Installation according to the recommendations of the meter manufacturer;
 - Compliance of the precision classes with the MID;
 - Identification by a unique marking, which is applied to the meter itself and on the electrical scheme and eventual other plans;
 - Accessibility without special equipment;
 - Availability of a locally readable output;
 - Sealing, if not redundant, by BRUGEL.
- E.3.3 Each breaking of sealing, unavailability, failure, maintenance, or intervention on a metering device must be reported immediately to BRUGEL, together with the causes and undertaken actions.

E.4 Energy Storage

This section demonstrates compliance with the following EECS Rules:

N6.4.4	N6.4.5	C3.2.4	C3.2.2	C3.6
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- E.4.1 Electricity injected into the grid by a pure energy storage system (e.g. an electrical battery array or a pumped storage system) is not eligible for the issuing of GOs.

- E.4.2 Electricity injected into the grid by an energy storage system associated with a Production Device behind the same grid connection (e.g. a prosumer owning a photovoltaic plant and an electrical battery system) is not eligible for the issuing of GOs.

E.5 Energy Carrier Conversion

This section demonstrates compliance with the following EECS Rules:

C3.2.2	C3.5.4(u)	C3.6	
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- E.5.1 Energy carrier conversion will follow the main guidelines described hereafter. If a producer declares to use X MWh of renewable energy (type 1) to convert into another form of renewable energy (type 2), they must cancel X GOs of type 1. If the Production Device is eligible for GOs, GOs for the type 2 energy will be issued for the amount of energy injected into the grid minus any auxiliary consumption, if needed. Conversion losses will be booked as consumption of the conversion process.
- E.5.2 For HEC devices connected to the public grid but wishing to use biomethane, a specific procedure will be developed and published on the BRUGEL website. Such procedure might include additional provisions to ensure compliance with the local and European legislation and AIB rules, as well as full transparency and reliability towards the consumer.

E.6 Combustion Fuel 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.6.1 Measurement of combustion fuels must comply with the Metering Code, as do the output metering devices.
- E.6.2 When a Production Device produces electricity/gas from different energy sources, including biomass, GOs are only issued for the part of the electricity/gas that is produced from renewable energy sources, and only if the input of each energy source is accurately measured.
- E.6.3 For electricity produced from the incineration of municipal waste, the Green Energy Decree, Art 12 §7 stipulates that the organic fraction must be measured to determine how much electricity is produced from renewable sources. This is done by analysing the amount of carbon dioxide of organic origin in the flue gases using the Carbon 14 method, in line with current standards. The results are then converted into the organic energy fraction. This analysis is carried out annually by the waste treatment facility operator at their expense, and the results are verified and adjusted if needed by BRUGEL.

E.7 Format

This section demonstrates compliance with the following EECS Rules:

C3.5.4	C3.5.5	N6.5.	N6.6	O7
O8	C3.4.4	E3.3.10	N3.1.1	O3.1.1

- E.7.1 EECS Certificates shall be Issued in such format as may be determined by the AIB and specified in the latest version of the EECS Rules.
- E.7.2 EECS Certificates are issued for a production period of either one month, three months, six months, or twelve months, depending on the technical characteristics of the Production Device.
- E.7.3 EECS GOs shall contain the information as instructed in the latest release of the EECS Rules. The most relevant rules are:
- EECS Rules C3.5.4, which details all the mandatory information to be listed on a GO;
 - EECS Rules C.3.5.5, which details all the optional information that may be listed on a GO.
- E.7.4 For RES Gas GOs, EECS Rules Section PART IV establishes the rules pertaining to the Gas Scheme. In particular, the information to be included is listed in:
- Chapter O7 - Information on EECS Gas Certificates;
 - Chapter O8 - Additional information on EECS Gas Certificates.
- E.7.5 The following information is recorded on the EECS Certificates (in relation with the **optional** fields mentioned in EECS C3.5.5, N6.6, O8, procedures are in place to determine the value recorded on the EECS Certificates):

Subject	Name of data field on EECS Certificate	Present on issued certificates? <i>Yes (always) / No / On Request of Producer</i>	Procedure to determine the value of this data field	Reference in EECS Rules
Element of Production Device	Capacity of production element (in addition to nominal capacity of Production Device)	No		C3.5.5 a / O8.1.1
	Date operational of production element (in addition to data operational of Production Device)	No		C3.5.5 a
	Type of production element	No		C3.5.5 a
Carbon footprint	Quantification of Carbon Footprint (CFP)	On request of Producer, if	Information certified by an accredited	C3.5.5 b

		information provided.	organism and provided by the producer.	
	Reference to methodology for determining the CFP	On request of Producer, if information provided.	Information certified by an accredited organism and provided by the producer.	C3.5.5 b
Production Time interval indicators	Starting time when the Output was produced	Yes	Measurement data provided by the Authorised Measurement Body.	C3.5.5 c
	End time when the Output was produced	Yes	Measurement data.	C3.5.5 d
Nuclear energy	Quantification of radioactive waste produced per MWh of Output	/		C3.5.5 e
	Reference to methodology for determining the radioactive waste produced	/		C3.5.5 a
Energy Savings [on HEC Certificates]	Amount of primary energy saved in MJ/MWh	Yes	Calculated by the system (AIB cogeneration model)	N6.6.1 b
	Primary energy savings as % of input and output flows of Cogeneration unit	Yes	Calculated by the system (AIB cogeneration model)	N6.6.1 b
GHG savings	GHG emissions saved	No		O8.1.1 b
	Method for GHG savings	No		O8.1.1 c
	RED GHG saving criteria met Y/N	No		O8.1.1 c

Sustainability criteria	Sustainability criteria met Y/N, legislative requirement reference, certification scheme, certification body, reference to certificate(s)/PoS	No		O8.1.1 d
Calorific value	Calorific value for calculating MWh of Output	Yes	Provided by the DSO/TSO.	O8.1.1 e
End-use of gas	Category from Fact sheet End-Use of Gas (only if cancellation is restricted to this end-use)	/		O8.1.1 f
Source-shares	Info on the Inputs, their Source Type, their share in total energy Input	/		O8.1.1 g
Pre-conversion support	In case of Conversion Issuance, Indication of public support granted in relation with energy fed into converting Production Device	/		O8.1.1 i
Composition Purity	Indication of the purity of the composition of the Type of Gas	/		O8.1.1 j
Composition criteria	Reference to criteria to which the gas composition complies	/		O8.1.1 k
Advanced Biomass Feedstock	Y/N	/		O8.1.1 l

[Where applicable: Any other information on the EECS Certificates [that is optional in accordance with EECS Rules C3.5.5, N6.6, O8]: [...]]

E.8 Transferring EECS Certificates

This section demonstrates compliance with the following EECS Rules:

C5.1.1	C5.1.3	C5.1.6	
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E.8.1 Imports

When an import request is received from the AIB HUB, automatic verification of the details of the transferred certificates is made. Upon successful verification, an Acknowledge message is sent to the HUB, and the complete information of the imported certificates is automatically inserted into the Account of the importing party.

E.8.2 Recognition of GOs

BRUGEL recognises only EECS GOs respecting the following conditions:

- they were issued for:
 - electricity production from renewable energy sources and HEC,
 - gas from renewable energy sources;
- they have been issued on a similar basis as described in the present Domain Protocol;
- they are not older than 12 months after the last day of the period during which the Output to which they relate was produced;
- an AIB member has issued them or an AIB HUB user.

Only recognised GOs can be imported in the Brussels Domain and only via the AIB HUB.

The conditions are detailed in the “Procedure for the Recognition of Guarantees of Origin” published on BRUGEL’s website, as mentioned in point C.3.5.

E.8.3 Exports

To perform an export, the Account Holder must introduce it on the Extranet. The request is then sent to the AIB HUB, and the relevant certificates are automatically removed from the Account and are unavailable for any other purpose. If a Not-Acknowledge message is received from the AIB-HUB, the certificates will be returned to the exporting party's account and will be available for other purposes again.

E.8.4 Intra-domain transfers

An Account Holder can perform an intra-domain transfer by introducing it on the Extranet. From that moment, the concerned certificates are automatically transferred from the sending account to the receiving account.

E.8.5 Transaction confirmation and history

The Account Holder can verify on the Extranet the proper handling and history of transactions, as well as his account balance.

E.8.6 Ex-Domain cancellations

Where it is impossible to transfer GOs via the AIB HUB for technical reasons, this can be overcome by cancelling certificates for use in another domain with the agreement of the importing issuing body. Any cancellations are notified to the “importing” issuing body and the AIB Secretariat.

Ex-domain cancellation can be performed and/or accepted if the involved parties have signed a formal agreement.

E.9 Administration of Malfunctions, Corrections and Errors

This section demonstrates compliance with the following EECS Rules:

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

- E.9.1 Once issued, the details of an EECS Certificate cannot be altered or deleted except to correct an error.
- E.9.2 The Issuing Body BRUGEL has the right to perform corrective actions such as withdrawal or transfer of GOs in its Registry where GOs have been erroneously issued or transferred.
- E.9.3 In the event of an error in a GO issued by BRUGEL, BRUGEL will correct the error concerning that GO, given that the GOs have not been transferred outside of the Brussels Domain.
- E.9.4 If erroneously issued GOs have been exported outside of Brussels, BRUGEL will cooperate with other Issuing Bodies to withdraw the erroneous GOs.
- E.9.5 Where an error is introduced with respect to a GO issued by another Issuing body, BRUGEL will notify the Issuing Body in question to resolve the error.
- E.9.6 An AIB Member may alter a GO held in its EECS Registration Database to rectify an error which occurred before its transfer into the Account in which it is held at such time, provided:
 - The Account Holder has agreed to such alteration;
 - It is reasonably satisfied that any unjust enrichment of an EECS Participant because of such error has, to the extent reasonably practicable, been nullified;
 - It is reasonably satisfied that the alteration itself does not give rise to undue enrichment of the Account Holder.
- E.9.7 Except in case of fraud, no rectifications may occur more than one year after issuing.
- E.9.8 If BRUGEL becomes aware of (partially) failed transfers from or to his Domain:
 - The log of the HUB activity will be consulted to investigate the status and reason for the failed transfer.
 - BRUGEL will contact the operator of the Domain to which or from which the GO are to be transferred to analyse the transfer status and propose a solution.
 - Status of the concerned GOs in both Registries is checked to ensure no GO is lost or duplicated.
- E.9.9 If an Account Holder cancelled by error more GOs than it should have for disclosure purposes, the cancelled GOs in excess cannot be reported to the following disclosure period and are

therefore lost. They are, however, taken into account when calculating the annual green energy percentage of the supplier (if its supply is not 100% green energy).

E.10 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	E3.3.10	N3.1.1	O3.1.1
C7.1.3				

E.10.1 Cancellation is removing a Certificate from circulation. Once Cancelled, a Certificate cannot be moved to any other account, and so is no longer tradable.

E.10.2 Cancellation of EECS Certificates is allowed for the categories of certificates, marked with X in the table below, and informing on the actor who is allowed to cancel Certificates:

Cancellation category	Electricity	Energy Gas	Hydrogen
End-use of energy	X	X	X
Conversion Issuance (EECS C3.2.2 b)	X	X	X
Storage Issuance (EECS C3.2.4 a.ii)			

E.10.3 Any Account Holder can cancel GOs in the Brussels Registry. The possibility to cancel GOs is automatically granted to suppliers. It is granted upon specific request to all other Account Holders.

E.10.4 A cancellation is performed by the cancelling Account Holder by introducing it on the Extranet, where he selects the GOs to be cancelled.

The cancellation of GOs is fully automated. Once an Account Holder cancels GOs (selected GOs or all GOs in the account), GOs are automatically transferred into a specific “Cancellation” Account belonging to BRUGEL. This ensures that no further use of cancelled GOs is possible.

E.10.5 Cancellations are allowed only for disclosure purposes in the Brussels Domain. Cancellations for conversion purposes are allowed as they are considered disclosure of energy sources.

E.10.6 Ex-domain cancellations are subject to specific conditions as detailed in the “Procedure for the Recognition of Guarantees of Origin” as mentioned above (C.3.5).

E.10.7 The cancellation is marked “successful” or “failed”, and the Account Holder is notified. They have access to the list of cancelled GOs for information purposes.

E.10.8 Cancellation statements are not issued automatically. Exports with all relevant information related to a specific cancellation can be sent to the Account Holder upon request and serve as cancellation statements if needed.

E.11 End of Life of EECS Certificates – Expiry

This section demonstrates compliance with the following EECS Rules:

C5.2.3	C6.1.1c	E6.2.1h	
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- E.11.1 EECS Certificates cease to be valid for transfer twelve months after the last day of the period during which the Output to which they relate was produced.
- E.11.2 EECS Certificates cease to be valid for cancellation twelve months after the last day of the period during which the Output to which they relate was produced. Exceptionally, cancellations are allowed up to maximum 18 months after the last day of production in case of an error, technical or otherwise, made by BRUGEL, that prevented the cancellation to be done during the 12 month window.
- E.11.3 The expiry process is automatic in the Registration system. Expired GOs are automatically transferred to a specific BRUGEL account. This ensures that expired GOs are excluded from any transfer or cancellation. The Account Holder can see the transfer in their account, but has no longer access to the expired GOs.

E.12 End of Life of EECS Certificates – Withdrawal

This section must demonstrate compliance with the following EECS Rules:

C5.2.3	C6.1.1	C8.2.1	
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- E.12.1 BRUGEL may withdraw a GO in its Registry at the request of the Account Holder owning that GO or otherwise in accordance with the provisions of the EECS scheme, such as error handling.
- E.12.2 Withdrawal for any purpose must be done manually and can only be done by the system administrator, BRUGEL. Withdrawn GOs are automatically transferred to a specific “Withdrawn” account belonging to BRUGEL and are therefore excluded from any transfer or cancellation.

F ISSUER'S AGENTS

This section is not required if the roles have been identified and explained in B3.

F.1 Production Auditor

This section must demonstrate compliance with the following EECS Rules:

None directly			
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F.1.1 The Production Auditor is charged with:

- the initial inspection of the Production Devices for registration purposes;
- the periodic audits of Production Devices receiving GOs.

F.1.2 The Production Auditor is BRUGEL until BRUGEL accredits at least two external certification bodies. From then on, certification will be performed by those accredited certification bodies (contact info to be found on the BRUGEL website).

F.2 Production Registrar

This section must demonstrate compliance with the following EECS Rules:

None directly			
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F.2.1 The Production Registrar is BRUGEL. It handles the applications, registrations and periodic audits needed to receive GO and/or GCs for green electricity (RES and HEC), gas issued from RES and thermal energy issued from RES.

F.2.2 BRUGEL has designated BELAC-accredited inspection bodies to handle all initial inspections and periodic audits of Production Devices. The list of accredited inspection organisms is available on BRUGEL's website:

- FR: <https://www.brugel.brussels/themes/energies-renouvelables-11/certification-dune-installation-34>
- NL: https://www.brugel.brussels/nl_BE/themes/hernieuwbare-energie-11/certificering-van-een-installatie-34

F.3 Measurement Bodies

This section demonstrates compliance with the following EECS Rules:

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F.3.1 The Authorised Measurement Bodies for the net amount of energy produced and injected into the public grid are the Distribution System Operators and the regional Transmission System Operators (DSO/TSO). They are the bodies established under regional regulation to be responsible for collecting and validating measured volumes of energy used in national financial

settlement processes. The grid operators send the measurement data directly to the BRUGEL registry. This is equal for both electricity and gas.

- F.3.2 The Measurement Bodies are responsible for providing the metering values of electricity, gas and thermal energy related to the output of the Production Device. They are also responsible for calculating the net energy produced (electricity, gas, or thermal energy). They also collect all extra measurement data necessary for certificate issuance, such as fuel consumption, auxiliaries' consumption, mass, flow etc. The Production Device operator supplies the data and may be subject to inspections by the Production Registrar.
- F.3.3 In Brussels, for electricity, the DSO is Sibelga, and the regional TSO is Elia. Information is provided on their respective websites:
- Sibelga: <https://www.sibelga.be/en/about-sibelga>
 - Elia: <https://www.elia.be/>
- F.3.4 For gas, the DSO is also Sibelga.
- F.3.5 There are no yet officially authorised DSOs for thermal energy.

G ACTIVITY REPORTING

G.1 Public Reports

This section demonstrates compliance with the following EECS Rules:

E3.3.4	HPA section 14.2		
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G.1.1 For each technology, statistical information is published on [BRUGEL's website](#) regarding:

- certificates issued, transferred internally intra-domain, imported, exported, cancelled, expired during each month prior to the current month,
- certificates issued, transferred internally intra-domain, imported, exported, cancelled, expired in relation with the energy produced during each month prior to the current month,
- certificates imported through a bilateral connection.

G.1.2 BRUGEL makes available every month to the AIB HUB the number of Scheme Certificates with respect to each EECS Product and each of its Domains and for each month, which, within the preceding twenty-five calendar months:

- (a) it has Issued;
- (b) (where relevant) have been transferred within its EECS Registration Database from Accounts associated with any Domain in one country to Accounts associated with a Domain in another country held on the same EECS Registration Database;
- (c) have been transferred into its EECS Registration Database from EECS Registration Databases of other Members;
- (d) have been transferred from its EECS Registration Database to EECS Registration Databases of other Members;
- (e) it has Cancelled:
 - (i) for use within its own Domain; and
 - (ii) for use in other Domains including sub-totals for each energy source and for each other Domain (or country, if no Domain exists for the relevant country); and
- (f) which have Expired.

G.2 Record Retention

This section demonstrates compliance with the following EECS Rules:

A12.1.1	C5.1.2	D8.1.2	
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G.2.1 BRUGEL is responsible for retaining all documentation received and produced regarding Production Devices and EECS Participants. Documentation is stored in a central document management system.



- G.2.2 BRUGEL is bound by the law to keep information concerning Account Holders, Production Devices, certificates, and market activity for at least the period during which the concerned Production Device was eligible for GC and/or GO or during which there has been a market activity, plus ten years.
- G.2.3 The Account Holder of a Guarantees of Origin Account in the BRUGEL Database is responsible for retaining all records to which they have had access relating to any EECS Certificate corresponding to the relevant EECS Product which is the subject of a Transfer Request for not less than 6 years after the Cancellation of such EECS Certificate.

G.3 Orderly Market Reporting

This section demonstrates compliance with the following EECS Rules:

E4.2.5	E4.2.6	E4.2.7	
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- G.3.1 As a regulatory body, BRUGEL is responsible for monitoring market participants and ensuring they comply with their obligations regarding GO handling and disclosure. If BRUGEL has the necessary authority, it will handle non-compliance cases. Otherwise, it will refer them to the appropriate jurisdiction.
- G.3.2 BRUGEL and its agents are legally required to maintain confidentiality, but they may publish aggregate and anonymous data in accordance with the General Data Protection Regulation.
- G.3.3 AIB will be notified promptly and thoroughly if a market participant violates EECS regulations.

H ASSOCIATION OF ISSUING BODIES

H.1 Membership

This section demonstrates compliance with the following EECS Rules:

C2.2.6	C2.2.7		
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- H.1.1 The Association of Issuing Bodies 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 BRUGEL 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 EECS. Certificate issuing under EECS would stop, and EECS GOs would remain tradable only until Expiry.
- H.1.3 In case BRUGEL 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 Certificates, 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 directly	(J1.1.2)		
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- 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 Certificate; or
 - b) any Product Rules do not comply with the relevant provisions of the EECS Rules, and evidence is provided substantiating such allegation, and that 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

I.1 Complaints to BRUGEL and disputes

This section must demonstrate compliance with the following EECS Rules:

None directly			
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I.1.1 Complaints and disputes must be addressed to BRUGEL in writing in any of the following ways:

Directly contact the person who handles their file at BRUGEL;

Introduce an official complaint at the “Dispute Department” of BRUGEL, by using the form [“Formulaire de dépôt de plainte auprès du service des litiges de BRUGEL”](#) / [“Formulier voor het indienen van een klacht bij de geschillendienst van brugel”](#).

Introduce a complaint at the Federal Energy Mediator (www.mediateurenergie.be / +32 2 211 10 60).

I.1.2 The Dispute Department of BRUGEL handles a complaint in a step-by-step process:

The complaints handler sends an acknowledgement of receipt within seven calendar days.

Within 21 calendar days of receipt, the Dispute Department will assess the complaint’s admissibility.

Within two months of receipt, the Dispute Department will decide after a detailed analysis.

If additional information is needed, the processing of complaints may be delayed. However, addressing complaints within a maximum of 6 months of receiving them is mandatory.

I.2 Change Requests

This section demonstrates compliance with the following EECS Rules:

E4.2.3	E6.2.1e	L5.1.1	
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I.2.1 BRUGEL may make such modifications to this Domain Protocol as are, in its opinion, necessary to the effective and efficient operation of the market.

I.2.2 An Account Holder may propose a modification to this Domain Protocol. Such a proposal will include a detailed description, including an exact specification of any proposed modification of this Domain Protocol and be passed in writing to BRUGEL. On receipt of such a request, BRUGEL will

Respond to the request within 30 working days, describing the procedures to be followed and estimating when a reply can be expected;

Analyse the request and decide whether the request and its consequences are, in its opinion, reasonable;

If the proposal leads to modifications to this Domain Protocol or if it is otherwise seen as important to disseminate, BRUGEL will inform all the Account Holders about the outcome of the decision.

BRUGEL will expressly inform the requester of the outcome of the decision.



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- 1.2.3 Any modifications to this Domain Protocol are subject to approval by the AIB that such changes do not conflict with the AIB EECS rules.
 - 1.2.4 Implementation of modifications will be notified by email to the Account Holders and will take effect on publication of the documentation on the AIB website.

ANNEX 1 CONTACTS LIST

AUTHORISED ISSUING BODY / REGISTRY OPERATOR / COMPETENT AUTHORITY / PRODUCTION AUDITOR

Company name	BRUGEL
Department	Renewable Energy
Address	Avenue des Arts 46 – 1000 Brussels – Belgium
Phone number	+32 (0)800 97 198
E-mail address	greenpower@brugel.brussels
Website	www.brugel.brussels

PRODUCTION REGISTRAR

The contact information for the accredited certification bodies is available on the BRUGEL website:

NL: https://www.brugel.brussels/nl_BE/themes/hernieuwbare-energie-11/certificering-van-een-installatie-34

FR: <https://www.brugel.brussels/themes/energies-renouvelables-11/certification-dune-installation-34>

MEASUREMENT BODIES

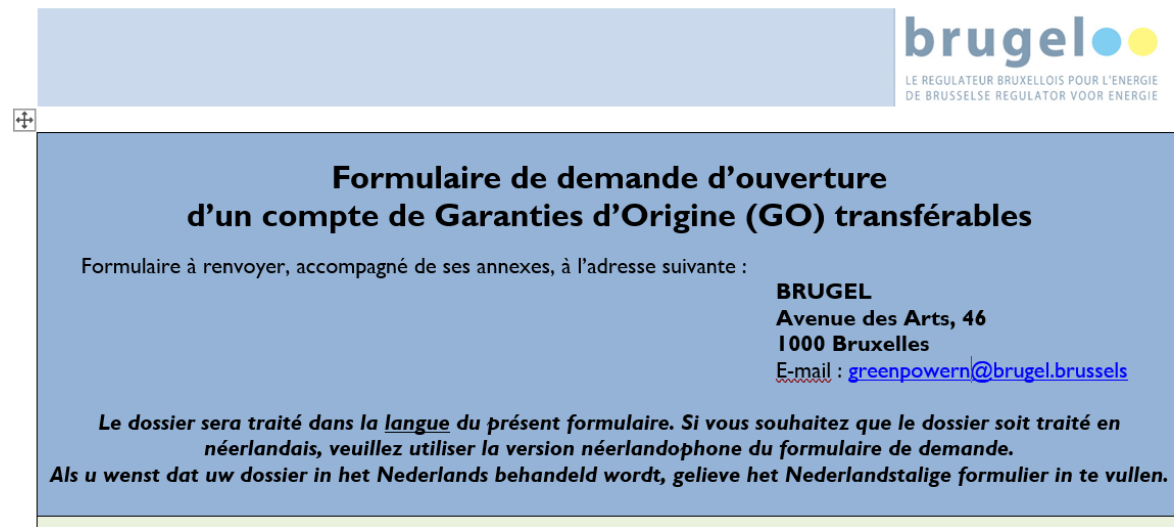
Company name	SIBELGA S.C.R.L.
Address	Quai des Usines 16 – 1000 Brussels
Phone number	+32 (0)2 549 41 00
E-mail address	www.sibelga.be
Website	info@sibelga.be
Company name	SIBELGA S.C.R.L.
Address	Quai des Usines 16 – 1000 Brussels
Phone number	+32 (0)2 549 41 00
E-mail address	www.sibelga.be
Website	info@sibelga.be

ANNEX 2 ACCOUNT APPLICATION/AMENDMENT FORM

The account application form can be found on the BRUGEL website under “Documents/Forms” in such format as may be determined by BRUGEL.

FR: <https://www.brugel.brussels/publication/document/formulaires/2017/fr/ouverture-compte-GO.doc>

NL: <https://www.brugel.brussels/publication/document/formulieren/2017/nl/GO-Opening-rekening.docx>



brugel
LE REGULATEUR BRUXELLOIS POUR L'ENERGIE
DE BRUSSELE REGULATOR VOOR ENERGIE

**Formulaire de demande d'ouverture
d'un compte de Garanties d'Origine (GO) transférables**

Formulaire à renvoyer, accompagné de ses annexes, à l'adresse suivante :

BRUGEL
Avenue des Arts, 46
1000 Bruxelles
E-mail : greenpower@brugel.brussels

Le dossier sera traité dans la langue du présent formulaire. Si vous souhaitez que le dossier soit traité en néerlandais, veuillez utiliser la version néerlandophone du formulaire de demande.
Als u wenst dat uw dossier in het Nederlands behandeld wordt, gelieve het Nederlandstalige formulier in te vullen.

ANNEX 3 DEVICE REGISTRATION FORM

The Production Device registration form can be found on the BRUGEL website under “Documents/Forms” in such format as may be determined by BRUGEL.

NL: <https://www.brugel.brussels/publication/document/formulieren/2019/nl/Aanvraagformulier-certificatie-fotovoltaïsche-installatie.doc>

FR: <https://www.brugel.brussels/publication/document/formulaires/2019/fr/formulaire-certification-installation-photovoltaïque.doc>

FORMULAIRE DE DEMANDE DE CERTIFICATION D'UNE INSTALLATION PHOTOVOLTAÏQUE en Région de Bruxelles-Capitale

Formulaire à renvoyer, accompagné de ses annexes, à l'**Organisme Certificateur Agréé (OCA)** de votre choix !

Informations utiles avant de compléter ce formulaire :

Qui peut introduire une demande ?

*La demande peut être introduite par le propriétaire ou le titulaire de droit réel sur l'installation photovoltaïque, par l'installateur ou encore par un intermédiaire. Dans tous les cas, la demande doit être datée et signée par le **titulaire de l'installation**.*

Quand introduire la demande ?

Idéalement, la demande devrait être introduite dès que toutes les annexes nécessaires à la constitution d'un dossier complet sont disponibles.