



EECS

DOMAIN PROTOCOL

FOR

ENAGÁS GTS - SPAIN (GAS)

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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

A11.1.1 C3.1.1 E6.2.1a	E6.3.1	E6.3.2	N2.1.1	02.1.1	
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- B.1.1 This Domain Protocol sets out the procedures, rights, and obligations, which apply to the Domain of Spain and relate to the EECS Gas 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 Spain. A Production Device can be a single device with single production technology or a group of production devices with same or different production technologies, that produces one or several gaseous Outputs.
 - The borders of the Domain are determined as follows: the geographic area of the Kingdom of Spain.
 - Islands/country parts in other continents that are part of the legislative boundaries of the country that comprises this Domain, are included in this Domain Protocol. No specificity applies to the certification framework applicable to the islands and country parts in other continents.
 - Production Device qualification for this Domain does not require that the Production Device is connected to the gas system of Spain, provided that it has fulfilled successfully the registration procedure (see section D.3).
- B.1.3 Enagás GTS is authorised to Issue EECS Certificates relating to the following EECS Product:
 - Guarantees of Origin for Gases from Renewable Sources (RES-G-GOs Hereinafter "GOs")
 - Gases from Renewable Sources include biogas, biomethane and renewable hydrogen





- GOs can be issued for renewable gas self-consumed (consumed by the operator of the
 production device), transferred over the natural gas Distribution or Transmission
 System, transferred over any other network that is not connected to the natural gas
 Distribution or Transmission System, and transferred through off-grid solution (by
 vehicle).
- B.1.4 Enagás GTS is authorised to Issue EECS Certificates relating to the following EECS Product Type:
 - EECS GO, as stipulated in Real Decreto 376/2022 (see section C for detailed law references)
- B.1.5 Enagás GTS is authorised to Issue EECS Certificates relating to the Energy Carrier Gas, for the following types of gas:
 - Unspecified gas: applicable to biogas that has not been upgraded into biomethane
 - Methane: applicable to biogas that has been upgraded into network compatible gas
 - Hydrogen
- **B.1.6** The issuance of GOs is extended to liquified outputs, provided that the production would present gaseous nature in normal conditions of temperature and pressure.
- B.1.7 Enagás GTS is not authorised to Issue any other types of energy certificates outside of the EECS Framework.

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

- B.2.1 This document refers to EECS Rules 8 v1.6. It is based on the Domain Protocol template release January 2023.
- 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 Spain 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.7 of this document.
- B.2.4 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.7 of this document.
- B.2.5 This Domain Protocol is made contractually binding between any EECS Participant and Enagás GTS 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 the Spanish language version.

B.3 Roles and Responsibilities





- B.3.1 The Authorised Issuing Body for GOs for renewable gases in Spain is Enagás GTS. 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 Spain is Ministerio para la Transición Energética y Reto Demográfico hereinafter "Ministry". Its role is defined by legislation to be responsible for the operation of for EECS GOs in Spain. This role has been delegated by legislation to Enagás GTS while the Ministry remains responsible of the approval and modification of the applicable rules.
 - The role of the Competent Authority entails the development and management of the GO Registry, including the necessary IT resources for its operation. It is also responsible for the supervision of the auditing process required for production devices to register in the system.
- **B.3.3** Production Registrar Enagás GTS acts as the Production Registrar being responsible for assessing applications to register Production Devices for the purposes of relevant EECS Product and national legislation.
- B.3.4 The Authorised Measurement Bodies are the bodies established under national regulation to be responsible for the collection and validation of measured volumes of energy used in national financial settlement processes.
- B.3.5 The Authorised Measurement Bodies are appointed on the basis of the dissemination level of the production:
 - The Authorised Measurement Bodies for the injection of renewable gases into networks are the operators of the corresponding network.
 - The Authorised Measurement Bodies for self-consumed renewable gases or renewable gases transferred through off-grid solutions are the operators of the production devices.

See paragraph C.7.6

- B.3.6 The Production Auditors are independent bodies approved by the Authorised Issuing Body to audit the information provided by the operators of the production devices. The production Audits in Spain are performed by the Accredited Inspection bodies by the Spanish Agency for Accreditation ENAC. The role of the Production Auditors is to audit the relevant records, plants and equipment to confirm the accuracy of the information provided in the Production Device registration process, the Production Declarations and Consumption Declarations in relation to the Production Devices.
- **B.3.7** The activity of the Production Auditors is supervised by the Competent Body.
- B.3.8 Comisión Nacional de los Mercados y la Competencia (hereinafter CNMC) is the Competent Authority and Issuing body responsible for EECS GO issuing for electricity. CNMC's and Enagás GTS' functions and responsibilities do not overlap. A collaboration framework between CNMC and Enagás GTS' has been established for the purpose of handling conversion processes involving both renewable electricity and renewable gases.
- **B.3.9** The EECS Registration Database operated by Enagás GTS can be accessed via the website www.qdogas.es
- B.3.10 Contact details for the principal roles and Issuing Body agents are given in Annex 1.





B.4 Summary: Issuance scope

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

Issuing Body issues certificates for Gas			Type of Gas **		
	Energy Source	Unspecified	Methane	Hydrogen	
EECS GO	Any renewable source	Х	Х	Х	
National GO (non-EECS*)	none				
EECS Support Certificate	none				
EECS Target Certificate	none				
EECS NGC (name)	none				
National certificate other than GO (non-EECS*)	none				

^(*) 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 gases in Spain

- C.1.1 The liberalisation of Spanish gas market began on 1998, with the approval of <u>Ley 34/1998 del</u> <u>Sector de Hidrocarburos</u>, and was completed by 2003, when following *Real Decreto Ley 6/2000* de Medidas Urgentes de Intensificación de la Competencia en Mercados de Bienes y Servicios any gas consumer was allowed to choose its gas supplier.
- C.1.2 Since its enactment in 1998, Ley 34/1998 has been amended in multiple occasions in order to be adapted to the requirements of subsequent European Directives and Regulations with application on the EU energy markets. The Spanish gas market is fully compliant with the Third Energy Package.
- C.1.3 In some aspects Spanish national legislation has gone beyond the requirements of the Third Energy Package:
 - Unbundling is not limited to TSOs and DSOs, but extended to any infrastructure operator under equivalent terms. This includes LNG terminals and UGS.
 - LNG terminals and UGS are subject to a TPA regime that replicates the TPA rules established by the Network Codes to Transmission networks.





- All 4 UGS facilities are operated jointly as a single commercial facility: the TPA products are offered for a virtual UGS facility that aggregates the capacities of the individual physical facilities.
- All 6 LNG terminals are operated jointly as a single commercial facility for storage and regasification services: the TPA products are offered for a virtual LNG facility that aggregates the capacities of the individual physical facilities. Due to their necessarily local nature, some TPA products are offered for each of the terminals independently though: Unloading of LNG vessels, loading of LNG tankers for off-grid consumption and reloading of LNG vessels.
- Introduction of a regulated role of 'Gestor Técnico del Sistema' in charge of the coordination and joint operation of the whole set of gas infrastructures defined as Gas System, coordinating infrastructure operators and network users. The Gestor Técnico del Sistema owns and runs the IT tool providing the commercial dispatching for the Gas System, and is subject to a specific set of rules regarding independence.
- C.1.4 The role of 'Gestor Técnico del Sistema' is regulated by Ley 64/1998 as follows:
 - Article 64 defines the role and functions
 - Disposición Adicional Trigésima primera appoints Enagás S.A for the role of 'Gestor Técnico del Sistema', requiring its segregation into different subsidiaries and establishing the independence rules applicable to the subsidiary fulfilling the role of 'Gestor Técnico del Sistema'. The subsidiary created for this purpose is Enagás GTS.
 - Disposición Adicional Vigésima further details the independence requirements of the Executive Director and the employees of Enagás GTS.
- C.1.5 Main figures describing the Spanish gas market can be found in the <u>'Spanish gas system report'</u> published yearly by Enagás GTS, that can be summed up as follows (2022 figures):
 - Spanish gas demand: 364,4 TWh
 - Network users: 240 aprox.
 - Gas supplies: 70% LNG; 30% pipe gas
 - Gas imports: 446 TWh/a from 19 countries.
 - Off-grid consumption: 37.197 tankers/year (11 TWh aprox)
 - EU bidirectional IPs with both Portugal and France
 - 6 renewable gas production plants: total yearly production 300 GWh aprox.
- C.1.6 Transparency information regarding the gas market is available at Enagás website, under the section 'Gestión Técnica del Sistema': https://www.Enagás.es/es/gestion-tecnica-sistema/energy-data/
- C.1.7 Transparency information regarding the gas market is available at Enagás website, under the section 'Gestión Técnica del Sistema': https://www.Enagás.es/es/gestion-tecnica-sistema/energy-data/
- C.1.8 More detailed information regarding the Spanish gas market can be found in the market supervision reports by the National Regulatory Authority in Spain (CNMC): https://www.cnmc.es/ambitos-de-actuacion/energia/mercado-gas#supervision
- C.1.9 A Hydrogen market has not yet been regulated in Spain.





- C.1.10 According to 'Hoja de Ruta del Biogás' published by the Ministry in 2022, the yearly production of un-upgraded biogas plants is around 2,74 TWh. The un-upgraded biogas is generally consumed on-site in electricity generation. The un-upgraded biogas takes place in 130 production plants split as follows:
 - 46 waste management plants (29 of them from municipal waste)
 - 34 waste water treatment plants
 - 13 production plants associated to agricultural activities
 - 3 production plants associated to beverages industry
 - 3 production plants associated to chemical industry
 - 7 production plant associated to paper industry
 - 1 production plant associated to construction sector
 - 13 production plants associated to other services.

C.2 The EECS Framework

This section demonstrates compliance with the following EECS Rules:

D3.1.2 E6.2.1b	E6.2.1d	N8	0.10	
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- C.2.1 For this Domain, the relevant local enabling legislation is as follows:
 - Real Decreto 376/2022, de 17 de mayo, por el que se regulan los criterios de sostenibilidad y de reducción de las emisiones de gases de efecto invernadero de los biocarburantes, biolíquidos y combustibles de biomas, así como el sistema de garantías de origen de los gases renovables. https://www.boe.es/eli/es/rd/2022/05/17/376/dof/spa/pdf.

Real Decreto 376/2022 transposes partially Directive 2018/2001. Sections applicable to Guarantees of Origin are Article 19 and *Disposición adicional segunda*.

Article 19 sets out the basic principles of the GO-system:

- Appoints the Ministry as Competent Authority
- GO-issuing for:
 - Any gas from renewable sources: including at least biogas, biomethane and renewable hydrogen and disregarding the dissemination level and the production technology;
 - o Including self-consumption with issuance of auto-cancelled GOs;
 - The owner or operator of the production device;
- 1 GO per MWh and no double issuing;
- Main information items to be mentioned on a GO;
- The definition of the Management Procedure to detail the functioning of the GOsystem.
- The establishment of a Committee for the supervision of the functioning of the GO-system.

Disposición adicional segunda appoints Enagás GTS (as Gestor Técnico del Sistema) as Competent Authority and Issuing Body on a transitory basis until the Ministry claims the





role for itself or appoints a third party and establishes the time milestones for the development of the GO System.

 Orden TED/1026/2022, de 28 de octubre, por la que se aprueba el procedimiento de gestión del sistema de garantías de origen del gas procedente de fuentes renovables.

https://boe.es/boe/dias/2022/10/31/pdfs/BOE-A-2022-17721.pdf

TED 1026/2022 establishes the Management Procedure detailing all the rules applicable to the GO-system.

Note: "Real Decreto" and "Orden" are parts of the legislative framework in Spain, with legislative hierarchy: Ley>Real Decreto>Orden (Law>Royal Decree>Order).

An unofficial translation of TED 1026/2022 is available at:

https://www.Enagás.es/content/dam/Enagás/en/files/gestion-tecnica-del-sistema/informacion-gestion-tecnica/garantias/management-procedure-translation-english.pdf

The detailed rules described in TED 1026/2022 are condensed as declared in this Domain Protocol.

C.2.2 Enagás GTS has been properly appointed as an Authorised Issuing Body for Gas *ECCS GOs* under Real Decreto 376/2022 under Disposición adicional segunda.

https://www.boe.es/eli/es/rd/2022/05/17/376/dof/spa/pdf

C.3 National Energy Source Disclosure

This section demonstrates compliance with the following EECS Rules:

E3.3.14		

- C.3.1 For this Domain, there is no legal obligation regarding disclosure, and therefore no supervision is contemplated.
- C.3.2 The Management Procedure approved by Orden TED 1026/2022 sets the basic principles of the disclosure mechanism for renewable gases under chapter 7.3 Certificación de la actividad to be applied on voluntary basis and managed by the Issuing Body.

https://boe.es/boe/dias/2022/10/31/pdfs/BOE-A-2022-17721.pdf

Chapter 7.3 of the Management Procedure describes two different tools for disclosure:

- Disclosure statements, detailing the cancellation processes associated to supply points or to bunkering or refueling operations.
- Certificados de mix residual, applicable to gas suppliers detailing the share of their gas supply for which EECS GOs have been cancelled.
 - For the time being, given that the role of hydrogen supplier has not been defined in regulation, the *certificados de mix residual* are limited to biomethane supply.
- C.3.3 In the calculation of certificados de mix residual it is assumed that any gas for which no GOs have been cancelled is fossil gas. Residual Mix =100% fossil.





- C.3.4 In absence of legal obligation, access to the disclosure information is limited to the respective account holder.
- C.3.5 A sample of the 'Certificado de mix residual' is included as Sample#5 in Annex 6.

C.4 National Public Support Schemes

This section demonstrates compliance with the following EECS Rules:

None directly		

- C.4.1 Currently there are no National Public Support Schemes for gas or hydrogen production or consumption, in place in this Domain.
- C.4.2 Investment support (public grants) is available for the development of biogas and biomethane projects under the Spanish Recovery, Transition and Resilience Plan. The application details for these subsidies is detailed in Orden TED/706/2022. Among other conditions receiving these grants require the registration of the production facility as a Production device in the GO Registry.
 - Link to Orden TED/706/2022 (https://www.boe.es/diario_boe/txt.php?id=BOE-A-2022-12470)
- C.4.3 Investment support (public grants) is available for the development of renewable hydrogen projects under the Spanish Recovery, Transition and Resilience Plan. The application details for these subsidies is detailed in Orden TED/1445/2021.
 - Link to Orden TED/1445/2021 (https://www.boe.es/boe/dias/2021/12/24/pdfs/BOE-A-2021-21342.pdf)
- C.4.4 Disclosure provisions do not include any reference to public support.

C.5 EECS Product Rules

This section demonstrates compliance with the following EECS Rules:

|--|

- C.5.1 GOs are the only EECS product that can be issued in Spain. Their purpose is 'Disclosure'.
- C.5.2 The EECS Product Rules as applied in Spain are set out within sections Registration and Certificate Systems Administration of this document.

C.6 Non-EECS certificates in the Domain

C.6.1 The only certificates issued or exchanged in this Domain are EECS certificates.

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.





C.7.1 Deviation in frequency of issue (EECS Rule C.3.4.1)

- C.3.4.1 establishes a maximum delay of one month in the Issuance where the period between measurements of the Output is no more than one month.
- This Domain requires daily measurements of the Output. Nevertheless, in this Domain Issue is a monthly process scheduled for each month on the second week of the following month. Resulting from that, the Issue of GOs for the Output from the first days of each month will be necessarily delayed more than one month.
- This deviation is required to allow some flexibility for the submission of the consumption declarations at the end of each month, before the Issuing process.
- In addition, upon the Producer's decision issuance can be delayed up to 12 months.

C.7.2 Deviation from de-registration of PD after 5 years (EECS Rule C2.2.3)

- C.2.2.3 establishes that after 5 years since registration a PD shall be re-registered otherwise the PD no longer qualifies for that EECS.
- The registration of a Production Device in this Domain does not expire as long as the Registrar successfully complies with the yearly auditing requirements.

C.7.3 Deviation in inspections without prior notice (EECS Rule D5.1.2)

- D5.1.2 (c): where requested to do so, to permit the Authorise Issuing Body Member (or its Production Registrar), its servants or agents to inspect that Production Device including, if so required, without prior notice.
- Orden TED 1026/2022 explicitly requires Enagás GTS to notify the Producer of any site inspection at least 48 hours in advance.

C.7.4 Deviation in Conversion Issuance (EECS Rule C3.6.1)

- C3.6.1: This rule establishes how to carry forward a number (a to m) of parameters in a certificate conversion process.
- In this Domain two different variants of a conversion process have been defined:
 - a) A general conversion process applicable to actual conversion between energy
 - b) A conversion process aiming the adaptation of GOs to an eventual situation where renewable hydrogen is produced off-grid at a remote location and later transported to, and injected into, the gas networks by blending. The injection point is required to be registered as a Production Device for conversion, and this conversion can be also applied to a remote injection of biomethane.
- The general conversion process in this Domain presents the following deviations from rule C3.6.1:
 - (j) The Purpose of the issued EECS-GO will be 'disclosure' disregarding the purpose of the cancelled EECS certificate.
 - (k) The indication of Public support is limited to the Production Device associated to the Output.
 - (I) No identifier of Label is carried forward in a conversion process
 - (m) No attributes related to carbon footprint and/or radioactive waste are calculated or carried forward in a conversion process.





- The conversion process for the injection of hydrogen as blending deviates from rule C3.6.1 in the same points, and in addition:
 - (c) The commissioning date of the Production Device correspond to the Production Device that produced the input.
 - (g) the type, identity, location and capacity of the Production Device correspond to the Production Device that produced the input.
 - (h) the Country of Issue corresponds to the identified in the cancelled EECS certificate.

C.7.5 Deviation in Errors (EECS Rule C8.4.3)

- C8.4.3: This rule establishes that in order to correct an error a Member can alter an EECS
 Certificate provided that the Account Holder has agreed to such alteration, it is satisfied that
 any unjust enrichment of an EECS Market Participant has been nullified and that the
 alteration does not give rise to undue enrichment either.
- In this Domain the correction of an error does only require the previous notification to the Account Holder of the modified EECS-GOs.

C.7.6 Deviation in Measurement Bodies (EECS Rules E6.2.1; H2.2.1; H3.1)

- According to rule E6.2.1, the Domain Protocol shall specify each Authorised Measurement Body and each Approved Measurement Body.
- According to rule H2.2.1, the approval of a Measurement Body requires that the Measurement Body agrees to provide information to Members, undertakes to the AIB that it will no assert any rights with respect to data inconsistent with the grant by Members and that Member ensures the access to Measurement values and that the member meets the requirements in the Subsidiary Document "Members Agents and Measurement Bodies".
- Rule H3.1 establishes the rules for approval of a Measurement Body. The approval process is further detailed in the aforementioned Subsidiary Documents, by it, the Member shall submit a written application for a Change Proposal including full details of the Measurement bodies.
- In this Domain the Measurement Bodies are as defined as explained in section F3 will be defined for each of the Production Devices as either the network operator for production devices injecting their output into the networks or the operator of the production device when the production is not injected into networks. Therefore, the registration of a production device will automatically trigger the formal approval of a new Measurement Body.

C.7.7 Deviation in Storage issuance (EECS Rule C.3.2.4)

- C3.2.4 specifies the conditions that make the energy flowing out of a Storage System eligible for EECS certificate issuance.
- In this domain no GOs are issued for any gas flowing out of a Storage System. It may happen that a production device does include storage facilities and that the energy leaving the production device at the production point is actually leaving a storage device within the production facility, but this is not to be considered storage issuance.
- C.7.8 Deviation in potential bilateral connections for exports (EECS Rule C7.2.3)





- C7.2.3 specifies that a Member that is not a Scheme Member shall not cancel any Scheme Certificates.
- This rule is not compatible with the existence of bilateral connections for imports/exports with third parties: Members who are not Scheme Members or Non-Members. If an EECS-GO is exported to a Third Party, there is no way to prevent that it is cancelled.
- Whereas Enagás GTS has not established any bilateral connections and has no intention in doing so, the regulatory framework set by the Management Procedure allows for such arrangements, and therefore this DP cannot impose rules preventing them.
- In case in the future a bilateral connection to a Third Party is required this DP will be amended in order to distinguish between EECS-GOs and non-EECS-GOs at the issuing process, so the exports through the bilateral connection is limited to non-EECS Certificates.

D REGISTRATION

D.1 Registration of an Account Holder

This section demonstrates compliance with the following EECS Rules:

G2.2.1	

- D.1.1 Any legal person who is not a member of the Association of Issuing Bodies, or such member's affiliate or agent can be an Account Holder in the Registry.
- D.1.2 Application for registration takes place through the website form available here: https://www.gdogas.es/es/public-portal/register/applicant

Document *C1. Formulario de registro de tenedores* (https://www.gdogas.es/es/public-portal/general-info/user-manuals) includes detailed instructions and a complete description of this form.

Annex 2 includes screen shots of the website registration form. The registration form requires:

- The identification of the legal person (applicant)
- The identification and contact details of the person/s with Power of Attorney to represent the legal person.
- The identification and contact details of the person/s who is being authorised to operate on behalf of the applicant at the Registry ('Primary Users').
- D.1.3 The submission of the website form requires the attachment of the following documentation:
 - Statutes of the legal person or Proof of Registration of its Commercial activity.
 - Power of Attorney of the person/s representing the applicant in the signature of the STC.
 - National ID card or Passport of the person/s with Power of Attorney.
 - National ID card or Passport of the person/s identified as 'Primary Users'





- D.1.4 Enagás GTS runs a consistency check verifying the correctness of the data submitted in the website form through comparison with the submitted documents. If additional clarifications were required Enagás GTS may request an online meeting with the applicant, and/or correction of the submitted data and/or documents.
- D.1.5 If the applicant does not comply with the requested corrections within ten working days since it's notification, Enagás GTS will deny the registration application.
- D.1.6 Once the verification of the application is successfully completed, the person/s with Power of Attorney receive the STC for signature.
- D.1.7 Once the signature process is over, the applicant becomes an Account Holder and it is assigned a unique 10-digit identifier, and each of the persons identified as 'Primary Users' receive a provisional password for accessing the Registry on behalf of the Account Holder.
- D.1.8 The 'Primary Users' shall access the Registry (at https://www.gdogas.es/es/login) by resetting the password and configuring a double factor identification through an Authentication App. Once they have accessed to the Registry, the 'Primary Users' can set 'secondary user accounts' for other persons within their organization ('Secondary Users'). By accessing the Registry through secure electronic access, both Primary Users and Secondary Users get access the Account Holder's Account.
- D.1.9 The whole process shall happen within one month since the submission of the application form.
- D.1.10 No service fees apply to the use of this Domain.

D.2 Resignation of an Account Holder

None directly		

- D.2.1 An Account Holder can request its resignation from the Registry at any time, given that the following conditions are met:
 - The Account Holder has no Production device registered in association to its account.
 - The Account Holder has no supply points registered in association to its account.
 - The Account Holder has no GO in his account that would be valid for transfer.
- D.2.2 When the aforementioned conditions are met, a 'Primary User' can request the resignation of the Account Holder from the 'My Entity' menu within the Registry.
- D.2.3 Enagás GTS will check that the conditions for resignation are met and proceed with the closure of the account. If an Account Holder that does not meet the conditions requests its resignation from the Registry, Enagás GTS will deny the request and explain the steps required to meet this conditions that may be:
 - De-Registration or transfer of a Production Device associated to its account.
 - De-Registration of any supply point registered in association to its account.
 - Transferring-out any GO valid for transfer in its account.





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	06.2	
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- D.3.1 Only the owner of a Production device located in Spain, or a legal entity that operates the Production device on behalf of the owner under pre-established contractual conditions may register a Production Device in the Registration Database. The owner or operator of the Production device is to be referred as 'Producer'.
- D.3.2 In order to Register a Production device, a Producer needs to be previously registered as an Account Holder. Once the Production Device is registered, GOs issued will be placed in the account of the Producer.
- D.3.3 Application for registration takes place through the website form available to Account Holders in the Registry.

Document *C2. Formulario de alta de instalaciones* (https://www.gdogas.es/es/public-portal/general-info/user-manuals) includes detailed instructions and a complete description of this form.

Annex 3 includes screen shots of the website registration form. The registration form requires:

- A general identification of the production device: location, type of gas produced, technology, dissemination level, information regarding public support and if applicable Independent Certification Schemes.
- Full detail regarding technology or technologies and energy sources.
- Full detail regarding processes, the consumption and the production points that include the metrological specifications of the metering points.
- D.3.4 The submission of the website form requires the attachment of the following documentation:
 - When the Producer is not the owner of the Production device but a third party operating the Production device, evidence of the contractual relationship.
 - Administrative evidence of the operational status of the Production Device.
 - Simplified P&ID including processes, subprocesses, consumption points and production points, with identification of the metering points of energy sources, auxiliaries and outputs.
 - Detailed diagram and specifications of the Metering equipment.
- D.3.5 All the information submitted in the registration form will be incorporated to the Registration Database.
- D.3.6 Enagás GTS must ensure that the information provided in connection to this application is complete and accurate and that the Production Device meets the qualification criteria for Guarantees of Origin described in *Orden TED 1026/2022*.
 - (https://boe.es/boe/dias/2022/10/31/pdfs/BOE-A-2022-17721.pdf)
- D.3.7 Enagás GTS runs a consistency check verifying the correctness of the data submitted in the website form through comparison with the submitted documents. If additional clarifications

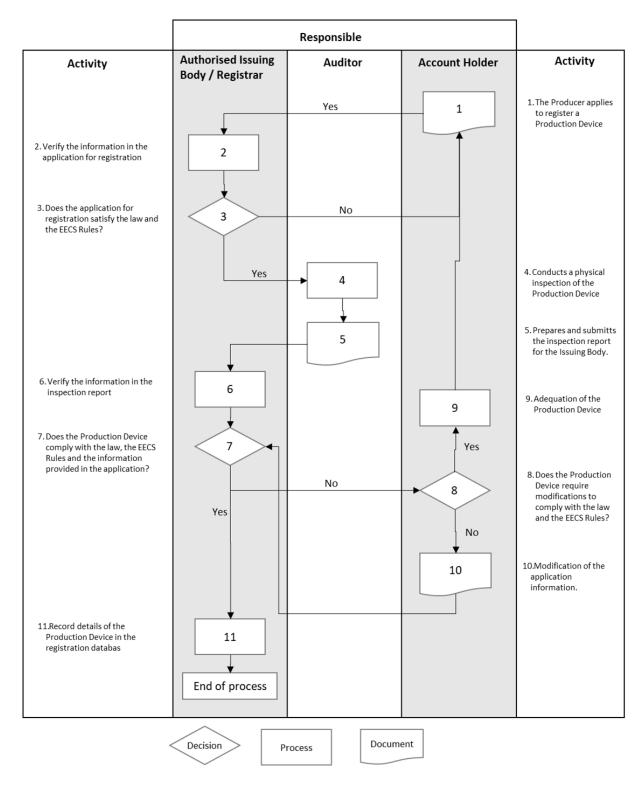




- were required Enagás GTS may request an online meeting with the Producer, and/or correction of the submitted data and/or documents.
- D.3.8 Once the verification of the application is successfully completed the Producer receives an auditing request.
- D.3.9 The Production Auditors are required to follow the procedures set in document 'A3. Especificaciones de las auditorías' and the submission of an auditing report compliant with the template available as document 'Formulario Auditoría Inicial_Anexo1_A3', both documents are available for download at https://www.gdogas.es/es/public-portal/general-info/user-manuals. The auditing procedure established for the registration process includes the physical inspection of the Production Device.
- D.3.10 Enagás GTS must ensure that the information provided in the auditing report is complete and reflects the correctness of the data provided in the application, so that the Production Device meets the qualification criteria for Guarantees of Origin described in *Orden TED 1026/2022*.
- D.3.11 Once the verification of the auditing report is successfully completed, the Production Device will become a registered Production Device and will be identified by a unique 18-digit code.
- D.3.12 If the Auditing report reflects a disconformity, Enagás GTS will require the Producer to have the disconformity removed. In order to do so, the Producer may need to implement modifications in the Production Device, in which case a new auditing will be required. When removing the disconformity implies just the amendment of the application information, once it is done, the Production Device will be registered.
- D.3.13 The Producer consents to the publication by the Issuing Body of data provided in the course of the application for registration. The information to be made public is limited to:
 - Name and identification code
 - Type of renewable gas produced
 - Dissemination level
 - Location
 - Production capacity
 - Technology/ies
 - Energy Source/s
 - Registration date
- D.3.14 All public information regarding the registered Production Devices is available at https://www.gdogas.es/es/public-portal/facilities-holders/production-facilities-registration
- D.3.15 This Domain allows the registration of Production Devices that are not yet operational. The registration of projects implies their inclusion in a 'Provisional Registry'. The inclusion of a Production Device in the 'Provisional Registry' requires providing a limited amount of information and evidence of the existence on the project and allows its publication but has no other consequence. No GOs can be issued for a Production Device in the 'Provisional Registry'.
- D.3.16 The whole process should happen within two months since the submission of the application form.
- D.3.17 No service fees apply to the Registration of a Production Device in this Domain.
- D.3.18 Flowchart:







D.4 De-Registration of a Production Device





None directly		

- **D.4.1** A Producer can request the De-registration of a Production Device from the Registry at any time.
- D.4.2 A 'Primary User' of the Producer can request the De-registration of the Production Device by email to GDO_GTS@enagas.es. This email shall indicate the date when the De-registration shall be effective.
- D.4.3 The notification of a De-registration request shall take place at least 10 days in advance from the required De-registration date. Enagás GTS will confirm the De-registration within five business days from the reception of the request.
- D.4.4 On the De-registration date, Enagás GTS will label the Production Device as 'Withdrawn' and it will no longer be eligible for GO issuance. The information published regarding the Production Device will be updated with the 'Withdrawn' status and the date when the deregistration took place.
- D.4.5 In order to Re-register a Production Device that has been De-registered, the Producer shall repeat the initial registration process.
- D.4.6 If a Production Device that has been registered gets sold to a different Account Holder, no deregistration and re-registration process will be needed. Upon notification of such transaction by both selling and buying Account Holders, Enagás GTS will re-assign the Production Device to the account of the buying Account Holder.

D.5 Maintenance of Production Device Registration Data

	C2.2.1	C2.2.2	C2.2.3	C2.2.5	D5.1.2
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- D.5.1 The registration of a Production Device does not expire in Spain until Enagás GTS receives a de-registration request from the Producer.
- D.5.2 A Producer must notify Enagás GTS of any planned changes due to come into effect that will result, or unplanned changes that have resulted, in the information recorded in the Registration Database in relation to the Production Device becoming inaccurate.
- D.5.3 Enagás GTS will assess the changes informed:
 - When the changes imply the Production Device ceases to comply with the Qualification Criteria for GOs under the EECS Gas Scheme, the Production Device will be put under suspension and the Producer will receive the request to reverse the changes.
 - In case the changes are not reversed it will be considered a breach and Enagás GTS shall initiate withdrawal of registration in the GO System. In this case Enagás GTS will notify AIB of such breach.





- The output of the Production Device produced during the period when the Production Device is under suspension will not be computed for GO issuance.
- When the changes reported imply changes in the production capacity or in any other feature of the Production Device that is reflected on the GOs, the Production Device will be subject to an ad-hoc audit. The changes will be implemented in the Registry once the auditing report has been cleared by Enagás GTS.
- If the changes reported does not imply changes in the production capacity or in any other feature of the Production Device, they will be directly implemented in the Registry.
- D.5.4 Enagás GTS will keep the Registration Database updated.

D.6 Audit of Registered Production Devices

E3.3.7	E3.3.8	D5.1.2	

- D.6.1 Any registered Production Device is subject to periodic auditing. The frequency of periodic auditing has been established as 1 year.
- D.6.2 Enagás GTS may execute ad-hoc unplanned audits. In case of an unplanned audit Enagás GTS shall notify the Producer at least 48 hours in advance.
- D.6.3 For both periodic and ad-hoc audits, the Production Auditors are required to follow the procedures set in document 'A3. Especificaciones de las auditorías' and submit an auditing report.
- 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 will be immediately suspended.
 - If the material differences imply that the Producer is in breach of product rules or no longer meets the GO qualification criteria, Enagás GTS shall initiate withdrawal of registration in the GO System. In this case Enagás GTS will notify AIB of such breach.
 - If the material differences do not imply any breach of product rules and the Production Device still meets the GO qualification criteria, the Producer will receive the request to either revers the changes or handle the modification in accordance with section D.5.
 The output of the Production Device produced during the period when the production Device is under suspension will not be computed for GO issuance.
- D.6.6 Inspections verify that the Measurement Devices are correctly positioned in order 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 the calculation of the amount of EECS Certificates to be Issued to be acceptable in accordance with the existing regulatory framework and applicable standards.





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 Enagás GTS becomes aware of errors with respect to the information recorded in the Registry, Enagás GTS will confer with the Account Holder(s) concerned by the error and determine the appropriate course of action.
- D.7.2 Any errors in EECS Certificates resulting from an error in the registered data of a Production Device will be handled in accordance with section E.9.

E CERTIFICATE SYSTEMS ADMINISTRATION

E.1 Issuing EECS Certificates

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	03.1.1

- **E.1.1** GO is the only official EECS product in Spain for gases. For the purpose of disclosure of gas and transparency towards final consumers, there is no possible interaction with other certificates.
- E.1.2 Only Production Devices registered in the Registry are allowed to request GO issuance.
- **E.1.3** The output of a Production Device qualifies for GO issuance when:
 - The measurement of the output has been provided with daily granularity by an Authorised Measurement Body.
 - Composition-wise, the output qualifies as the type of gas for which the Production Device has been registered:
 - Biogas (unspecified gas) no restrictions over composition are imposed.
 - Biomethane (methane) gas quality parameters need to comply with the specifications imposed by the rules applying to gas inputs into the gas networks.
 - Renewable Hydrogen (hydrogen) no restrictions over composition are imposed for the time being.
- E.1.4 Restrictions over the composition of Renewable hydrogen will be imposed once technical specifications applicable to hydrogen networks or hydrogen consuming devices are in place. The definition of technical specifications regarding Hydrogen composition could eventually lead to the split of the current 'Renewable Hydrogen' category into different Hydrogen-related categories, in the same way as 'Biomethane' has been differentiated from un-upgraded biogas.
- E.1.5 As further explained under section E.10 cancellation of GOs in this Domain requires the consumption of a gas of the same characteristics. Therefore, in principle gas consumption from the gas network could not be subject to cancellation of GOs from Biogas or Renewable





Hydrogen. As such, this restriction would imply discrimination against hydrogen blending. In order to avoid such discrimination, as explained in Section E.7 this Domain includes an additional parameter 'GO type' that comes on top of 'gas type' allowing the differentiation between hydrogen that has been blended into the gas networks and any other hydrogen that is consumed without dilution. The restriction on cancellation for consumptions of the same characteristics is therefore applied over the 'GO type' parameter.

Gas type	Dissemination Level	GO type	
Unspecified gas	Any	Biogas	
Methane	Any	Network Compatible Gas	
	Injection into the gas networks	Network Compatible das	
Hydrogen	Any other different from injection into the gas networks	Hydrogen	

'GO type' is not a GO attribute but an internal management parameter of the Registry with no implications in potential GO exports or imports.

- **E.1.6** The face value of one GO is 1 MWh. One GO will be issued for each whole megawatt-hour of nett Output from renewable energy sources, according to the nett Output calculation rules and the calculation of the energy input factor.
 - Enagás GTS will deposit such GO in the Transferable Account of the Producer. Any residual kilowatt-hours will be carried forward to the next issuing period until one MWh is reached.
 - The nett Output calculation rules and the calculation on the energy input factor are defined under section E.2.
- E.1.7 Only one GO can be issued, registered or cancelled in respect to one unit of Output.
- E.1.8 The minimum production period is a day. When a full MWh is not produced within a day, the production period will be extended until the MWh is reached.
- E.1.9 The production period will be defined by the 'gas day' (6 am 6am) for any production injected into the gas networks. For any other dissemination level, the definition of 'day' will be standard, starting and ending at 0 am.
- E.1.10 In exceptional circumstances, including measurement data correction, the issuing of GOs can take place up to 12 months after the final day of the production period.
- **E.1.11** GOs issued for self-consumption are cancelled upon issuance.

E.2 Processes

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	C3.4.4		





- E.2.1 The Issuing process takes place once a month and applies to the outputs declared for one calendar month plus the residual kWh carried forward from the previous calendar month if there were any.
- E.2.2 The Issuing process is sequential: Issuing GOs for a Production Device for a given month requires that the Issuing process has been previously launched for the previous month, unless it is the first Issuing process since the registration of the Production Device.
- E.2.3 The Issuing process for one month can only take place if the Producer and the Authorised Measurement Body have provided a 'complete set of information'. This includes:
 - Consumption declarations for each relevant consumption point, with monthly granularity:
 - Input energy sources
 - Auxiliaries
 - Output produced with daily granularity. If no output was produced during one day it shall be declared as a zero.
- E.2.4 The submission of Consumption declarations and the Measurement of outputs shall be done through the Registry after accessing through the secure electronic access, by uploading the templates detailed in Annex 4 in .csv format.
- E.2.5 During the registration process of a Production Device the Producer is asked to choose between 'automated issuing' and 'manual issuing':
 - By choosing 'automated issuing' the Producer no longer needs to make any issuing request. Issuing will take place automatically for each month for which the Producer and the Authorised Measuring Body have submitted a 'complete set of information' that have not been processed in previous Issuing Processes.
 - By choosing 'manual issuing' the Producer will need to make an issuing request for one month's production in order to have that month's production included in the following issuing process. The Producer can only make an issuing request for months that have not been processed in previous Issuing Processes.
- E.2.6 Nett Output calculation (nett renewable energy production)

The nett renewable energy production is calculated as the total output (or measured production) minus the demand of any auxiliaries that have not been exempted from nett calculation.

The calculation disregards the fact that the energy consumptions may correspond to different energy carriers, provided all of them are considered in kWh.

The demand of auxiliaries is exempted from nett calculation when:

- It corresponds to self-consumption of renewable production.
- It is required for waste processing.
- Its consumed in the digestates handling.
- Its consumed for the compression or liquefaction of the production for it to become transportable.

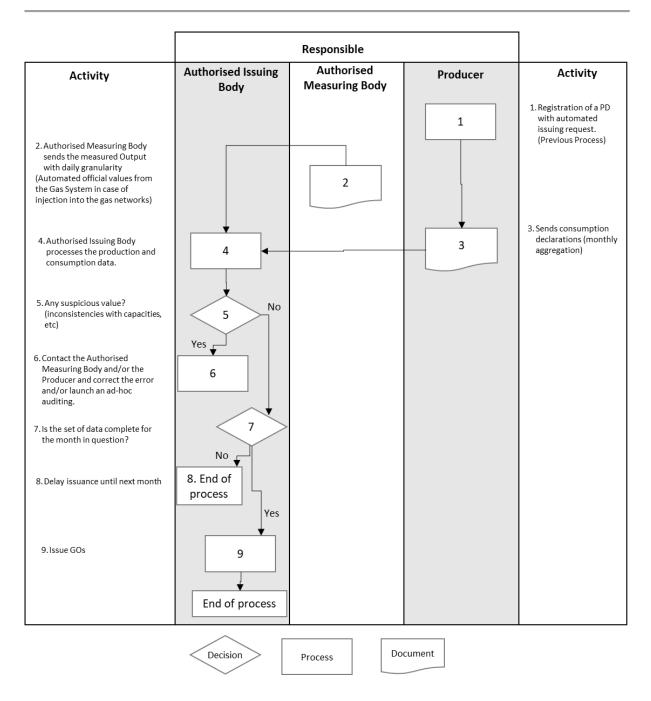




- Renewable GOs have been cancelled for this demand.
- The total demand from auxiliaries is lower than 2% of the measured output.
- E.2.7 Application of the energy input factors
 - The energy input factors are calculated as detailed under section E.6.
 - The energy input factor equals 1 when the Production Device is fed by a single energy source.
 - The nett output is associated proportionally to the input energy sources by multiplying it times the energy input factors.
- E.2.8 By the application of the energy input factors to the Net Output calculation, Enagás GTS calculates the number of kWhs associated to each of the input energy sources for a given month. These values are then redistributed into daily granularity by application of the daily production profile of the measured production.
- **E.2.9** The accumulation of kWhs until reaching a MWh is done independently for the kWhs that have been associated to each energy source.
- E.2.10 Starting from the first day of the month, and carrying forward any residual kWh left from the previous month, the Issuing process assigns one GO for every MWh accumulated for each energy source. The production period for each of the GOs starts the day the first kWh in the aggregation was produced, and ends the day the last kWh was produced.
- E.2.11 In case of any doubts regarding the accuracy of the Production measurements or the consumption declarations, Enagás GTS will not issue GOs for the Production Device under suspicion and will request an ad-hoc audit. Issuance for the production of the month in question will be postponed to the first Issuing process after the discrepancies have been resolved.
- E.2.12 GOs will be issued automatically to the Producer's Transferables account, once the Issuing Process has been completed. This shall happen within the day the Issuing Process was scheduled. The Account Holder will be able to consult all details from its 'Account' menu within the Registry.
- E.2.13 The Account Holder of a Transferables Account should be treated (as between the Account Holder and that Member) as the owner of the GOs.
- E.2.14 Enagás GTS shall ensure that its manual and automated information systems for the Issue, holding and transfer of GOs are able to support audit of all transactions with respect to GOs.
- **E.2.15** Enagás GTS shall use in connection with EECS Gas Scheme the EECS Registration Database and Transfer Links approved for the purposes of the EECS Gas Scheme.
- E.2.16 Flowchart:







E.3 Measurement

D6.1.2 N6.4. O6.4





- **E.3.1** General requirements applying to Metering equipment in Spain are defined in National regulation by:
 - Ley 32/2014 de Metrología
 https://www.boe.es/buscar/doc.php?id=BOE-A-2014-13359
 - Real Decreto 244/2016 por el que se desarrolla la Ley 32/2014 de Metrología https://www.boe.es/buscar/act.php?id=BOE-A-2016-5530
- E.3.2 Metering provisions applicable to the Gas System are detailed in the 'Protocolos de detalle de las Normas de Gestión Técnica del Sistema Gasista'.

https://www.boe.es/buscar/act.php?id=BOE-A-2006-6003

'Protocolo de detalle PD-01: Medición, calidad y odorización de gas' details metering conditions, applicable standards and specifications, the technical characteristics required to metering equipment and the verification processes applicable to the measurement of gas within the gas system.

The metering provisions in PD-01 cover a range of measuring situations for both natural gas an LNG: injection into the networks, transmission between networks with the same or different pressures, withdrawal from the networks, LNG unloading and reloading from/into ships and LNG truck loading.

- E.3.3 The metering standards defined by PD-01 are directly applicable to any biomethane injected into the gas network, and are fully compatible with other dissemination levels that may be eventually developed for biomethane. On the contrary, the metering standards defined by PD-01 are not suitable for neither biogas or renewable hydrogen.
- E.3.4 In absence of detailed metering regulation applying to biogas or hydrogen, and according to the requirement of *Orden TED 1026/2022*, Enagás GTS has laid-down specific provisions regarding metering in the document 'A1. Especificaciones de medición' that can be downloaded at https://www.gdogas.es/es/public-portal/general-info/user-manuals. This document:
 - Extends PD-01 requirements to any biomethane production that is not injected into the gas networks: injections into isolated biomethane networks, off-grid production and eventually self-consumption.
 - Defines metering requirements for biogas by extending PD-01 requirements and decreasing the gas quality measurement specifications: the use of chromatographers is replaced by methane analysers.
 - Defines metering requirements for hydrogen by extending PD-01 requirements and replacing the use of chromatographers by hydrogen analysers.
 - Defines metering requirement for the scales to be used for the measurement of any input energy sources reaching the Production Device by truck.
 - Defines metering requirements for measuring auxiliaries.
- E.3.5 Reference conditions for measurement are [0°C, 1,01325 bar] and the calculation of the energy content is to referred to the Gross Calorific Value. Only in the case of self-consumed renewable gases, the energy content is to be referred to the Nett Calorific Value.
- E.3.6 In order to ensure the fulfilment of the output qualification criteria, a mandatory annual sampling program shall be established and evaluated in a certified laboratory meeting the ISO





17025 accreditation requirements. Periodic sampling shall take place at intervals not exceeding one year. The report issued by the certified and/or accredited laboratory shall be sent to Enagás GTS, as soon as it is available.

- E.3.7 The Authorised Measurement Bodies are responsible for collecting, verifying and submitting the Output measurements to the Registry:
 - When renewable gas is injected into the gas network, the TSO or DSO, as Authorised Measurement Body, is not subject to any additional obligation, provided that this task is already part of the TSO and DSO duties within the Gas System. Therefore, Enagás GTS shall bring the data from its Gas System platform (SL-ATR) into the Registry.
 - For any other dissemination level, the Authorised Measurement Body is responsible for submitting the output data with daily granularity and monthly frequency.
- E.3.8 With the exception of conversion processes, metering specifications regarding input energy sources are defined for the use of scales. The measured weight of input energy sources is to be converted into energy values by the use of conversion factors. The conversion factors are an estimation of the calorific value of the inputs, and can be based on industry standards or the Producer's estimation based on its own experience. Annual auditing includes an examination of the estimated calorific values used for the input and the assessment of its divergences from industry standards.
- **E.3.9** If a Production Device gets out of service its consumptions are not considered for the nett output calculation.
- E.3.10 Meter readings in the Gas System are subject to two revision processes, and therefore as time goes on three metering data values can be available at the Gas System platform (SL-ATR):
 - (D+1): data provided by the network operator every day for the previous day
 - (M+3): first revision provided by the network operator within 3 months after the production date.
 - (M+15): final revision definitive figure provided by the network operator 15 months after the production date.

Enagás GTS will update the Registry with the best information available for each date until the Issuing Process for the corresponding moth is launched. Once the Issuing Process is done the Registry will not have access to any eventual update in the metering.

E.4 Energy Storage

N6.4.4	N6.4.5	C3.2.4	C3.2.2	C3.6	
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- E.4.1 No particular provisions have been considered for renewable gas storage. GOs are disconnected from the energy carrier upon issuance, and their validity is not affected by the eventual physical and/or commercial storage of the renewable gas for which they have been issued.
- E.4.2 Energy flowing out of a Storage 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** Renewable gases can be produced through conversion of other Energy Carriers. This domain covers:
 - Production of renewable gases by conversion of other renewable gases.
 - Production of renewable gases by conversion of renewable electricity.
- E.5.2 In a conversion process, the input energy source is identified as an energy carrier consumption, and the renewable characteristics of the inputs are provided by the cancellation of GOs in association to these consumptions: GOs are cancelled for the measured input and GOs are issued for the nett output production.
- E.5.3 In the registration of a Production Device that carries out an energy conversion, the import point for the consumed energy carrier gets labelled as 'Energy consumption for conversion', when doing so, the energy sources associated to this energy input are automatically linked to the results of cancellation processes.
- E.5.4 In the Production of renewable gases by conversion of other renewable gases, both processes (cancellation of GOs for the inputs and issuance of GOs for the output) take place in the Registry. GOs cancelled in this process get labelled as 'Cancelled for conversion'.
- E.5.5 In the Production of renewable gases by conversion of renewable electricity, the cancellation of GOs for the inputs takes place at the CNMC Registry for Electricity GOs. In this case the Producer shall inform Enagás GTS about the applicable cancellation processes at the CNMC's Registry, and Enagás GTS shall ask CNMC for the submission of the detailed information regarding these cancellations.
- E.5.6 In both cases, the energy source for the GOs cancelled in association to the consumption is used as input energy source for the calculation of the Energy input factor. If the number of MWh consumed at the consumption point was higher than the number of GOs cancelled, the difference will be an input for the Energy input factor as 'unspecified source' and its associated output will not be subject for GO issuance.
- E.5.7 GOs issued as consequence of conversion processes are identified with a value 'Yes' in the parameter 'Conversion'.
- E.5.8 The statistical handling of GOs cancelled is explained under section G.1.

INJECTION OF OFF-GRID RENEWABLE GASES THROUGH A REMOTE INJECTION POINT

- E.5.9 Where, eventually, gas networks include an injection point for the injection of renewable gases that are produced remotely and transported by vehicle from the Production device to the injection point, EECS GOs related to the concerned renewable gases will be treated as follows:
- E.5.10 The GOs will be issued following the rules for production facilities with off-grid logistics. The dissemination level in the GOs will indicate off-grid logistics and the mutable parameter 'GO





type' as explained in E.1.5 and defined in section E.7 will be defined as corresponds to the type of gas:

- For biomethane production the type of gas is 'methane' and the GO type is 'Network compatible gas'
- For hydrogen production the type of gas is 'hydrogen' and the GO type is 'Hydrogen'
- E.5.11 The remote injection point can be registered as a Production Device for production-byconversion by its operator following the rules defined in section D.3. In such facility, GOs will be issued for the volumes injected into the network after cancellation of the same number of GOs with 'off-grid' dissemination level. This will be a particular type of conversion, where all parameters will be carried forward from the GOs cancelled with the exception of:
 - Identification number as new GOs will be issued.
 - 'Dissemination level' will be 'injection into the gas networks'.
 - 'Production period' will be adapted to reflect the day(s) when the injection took place.
 - Date of issue as resulting for the conversion issuing process.
 - 'GO type' will be 'Network compatible gas'.
- E.5.12 Alternatively, when the operator of such injection point has not registered the injection point as a Production Device, the Account Holder being the Network user that nominates the entry into the network at the injection point will be allowed to request a change in the 'GO type' parameter to 'Network compatible gas':
 - For a number of GOs that does not exceed the amount of energy injected into the networks
 - For GOs of the same type of gas with off-grid dissemination level

This change will only affect the mutable parameter 'GO type' while the GOs remain unaltered. This process is not considered a conversion.

E.6 Production Devices with multiple energy inputs

This section demonstrates compliance with the following EECS Rules:

N6.3.2	06.3.2	

- E.6.1 The Producer shall fill and upload to the Registry a monthly consumption declaration including energy consumptions at each import metering point detailing:
 - The consumption of input energy sources with detail of the import point and energy source.
 - The consumption of auxiliaries with detail of the import point. The consumption of auxiliaries is disaggregated between import points as necessary for differentiation of consumptions that are used in the nett output calculation and consumptions that are exempted from the nett output calculation.

The consumption declaration template is included in Annex 4.





- E.6.2 When a production device has multiple input sources, the Energy input factors are calculated as established by EECS rule O6.3.2. and used in the Issuing Process as detailed under section E.2.
- E.6.3 In the case renewable and non-renewable energy sources are both used, the Energy Input Factor is used to calculate the share of each in order to determine the amount of production subject to GO issuance. No GOs will be issued for the share of production associated to non-renewable energy inputs.

E.7 Format

C3.5.4	C3.5.5	N6.5.	N6.6	07
08	C3.4.4	E3.3.10	N3.1.1	03.1.1

- E.7.1 EECS Certificates shall be Issued in such format as may be determined by AIB.
- E.7.2 A GO issued in this Domain contains the following information:
 - a. The unique identification number
 - b. The identity of the Originating Member
 - c. The energy carrier
 - d. The type of gas
 - e. The dissemination level
 - f. The identity of the original account holder
 - g. The identity of the originating Production Device
 - h. The nominal capacity of the Production Device
 - i. The date on which the Originating Production Device became operational
 - j. Energy source
 - k. Source shares
 - I. Production technology
 - m. The location of the originating production device (coordinates)
 - n. The location of the originating production device (country, city and postal code)
 - o. An indication, as to whether or not, any Public Support has been given in relation to that Production Device.
 - p. An indication whether or not the GO has been Issued following GO Conversion
 - q. The Purpose for which the GO has been Issued
 - r. The production period defined by the first day and the last day on which the Output it relates was produced
 - s. The date of issue
 - t. The country of Issue
 - u. The face value
 - v. The product type: Guarantee of Origin
 - w. Whether the number of certificates is determined based on the lower or the higher calorific value of the Gas





- E.7.3 This format will be adapted in order to include any information included in any EECS certificate imported into the Registry.
- E.7.4 In addition to the data fields conforming the GO as defined by the format, the Registry handles two parameters associated to each GO that are not considered items within the GO. Their values may change during the life-cycle of the GO and are used for data management. These two parameters are 'GO validity status' and the 'GO type'.
- E.7.5 The 'GO validity status' labels the situation of a GO within its life-cycle. It can take the following values:
 - a. Valid for transfer, export and cancellation
 - b. Valid for cancellation
 - c. Cancelled
 - d. Withdrawn
 - e. Expired
- E.7.6 The 'GO type' as explained in point E.1.5 can take the following values:
 - a. Biogas
 - b. Network compatible gas
 - c. Hydrogen

E.8 Transferring EECS Certificates

C5.1.1	C5.1.3	C5.1.6	
--------	--------	--------	--

- E.8.1 The Registry includes a 'Bulletin Board' where Account Holders can publish their interest in buying or selling GOs, so they can be approached by other Account Holders.
- **E.8.2** The Agreement on the transfer of guarantees of origin is concluded outside the Registry. The technical transfer takes place within the Registry.
- E.8.3 Both Primary Users and Secondary Users can initiate a transfer as a Selling Account Holder to another Account in the Registry (national) or to another EECS Registration Database in another Domain through the AIB Hub (international export).
- E.8.4 A user initiates a transfer request in the 'Transfer' section within the Registry, by indicating if it is a national or international transfer and selecting the GOs to be transferred.
- **E.8.5** Only GOs fulfilling all the following requirements are eligible for their inclusion in a transfer request:
 - a. The GOs are in the Account of the Account Holder
 - b. The 'GO validity status' is 'Valid for transfer, export and cancellation'
 - c. The GOs have not been included in a previous transfer request that has not yet concluded.
- E.8.6 In the case of national transfer, once the GOs are selected, the user validates the number and identity of the GOs included in the transfer request, and indicates the identity of the Receiving Account Holder.





- E.8.7 In the case of an export, once the GOs are selected, the user validates the number and identity of the GOs included in the transfer request, and indicates the Domain and the identity of the Receiving Account Holder.
- E.8.8 The Registry instantly displays a message of whether or not the initiation has been successful. If the initiation of the transfer is successful the following processes take place automatically:
 - a. The GOs are immediately locked for transfer and therefore not eligible for transfer or cancellation.
 - b. The transfer request is listed within the "Pending Transfers" menu at the Registry where it can be consulted by the Selling Account Holder, and in the case of national transfers also by the Receiving Account Holder.
 - c. The Receiving Account Holders receives the notification of the new transfer request by an email addressed to all users of the Receiving Account Holder.
- E.8.9 In the case of national transfer requests, the "Pending Transfers" menu allows:
 - a. The cancellation of the transfer request by the Selling Account Holder
 - b. The acceptance of the transfer request by the Receiving Account Holder
 - c. The rejection of the transfer request by the Receiving Account Holder
- E.8.10 In the case the Selling Account Holder cancels the transfer request, the transfer request is immediately withdrawn from the "Pending Transfer" menu, the Receiving Account Holder is notified of the cancellation by email to all users of the Receiving Account Holder, and the GOs are unlocked and therefore eligible again for transfer or cancellation.
- E.8.11 In the case the Receiving Account Holder rejects the transfer request, the transfer request is immediately withdrawn from the "Pending Transfer" menu, the Selling Account Holder is notified of the rejection by email to all users of the Selling Account Holder, and the GOs are unlocked and therefore eligible again for transfer or cancellation.
- E.8.12 In the case the Receiving Account Holder accepts the transfer request, the transfer request is immediately withdrawn from the "Pending Transfer" menu, the GOs moved into the Receiving Account Holder's Account and removed from the Selling Account Holder's Account, and the Selling Account Holder is notified of the successful transfer.
- E.8.13 In the case of export requests, the "Pending Transfers" menu does not allow for any further action by the Selling Account Holder.

The export request is sent to the AIB HUB.

When a 'Acknowledge' message is received from the AIB HUB the concerned GOs are automatically removed from the Selling Account Holder's Account and therefore unavailable for any purpose, the transfer request is immediately withdrawn from the "Pending Transfer" menu, and the Selling Account Holder is notified of the successful transfer by email

In case a 'Not-Acknowledge' message is received from the AIB HUB, the transfer request is immediately withdrawn from the "Pending Transfer" menu, the Selling Account Holder is notified of the unsuccessful result, and the GOs are unlocked and therefore eligible again for transfer or cancellation.





- E.8.14 When an import request is received from the AIB HUB an automated verification takes place in order to confirm the compliance of all the concerned EECS certificates with the following acceptance criteria:
 - a. The Product Type is Guarantee of Origin
 - b. The face value is 1 MWh
 - c. The Energy Carrier is either "energy gas" or "hydrogen"
 - d. The Type of gas is either "methane" or "hydrogen"
 - e. According to EECS Rules Fact Sheet 5 table "Fuel (energy source), the Energy Source is compliant with:
 - a. At Level 1: "Renewable"
 - b. At Level 3: Not "Unspecified"
 - f. The last day on which the Output it relates was produced took place on the previous 12 months.
- E.8.15 When the automated verification is successful, the Receiving Account Holder is notified of the import request by email and the import request is placed under the "Pending Transfer" menu where it can be consulted and either accepted or rejected by the Receiving Account Holder. If the automated verification is not successful, a 'No-Acknowledge' message is sent to the AIB Hub.
- E.8.16 In the case the Receiving Account Holder rejects the import request, the transfer request is immediately withdrawn from the "Pending Transfer" menu and a 'No-Acknowledge' Message is sent to the AIB Hub.
- E.8.17 In the case the Receiving Account Holder accepts the import request, the transfer request is immediately withdrawn from the "Pending Transfer" menu, the GOs moved into the Receiving Account Holder's Account and a 'Acknowledge' Message is sent to the AIB Hub.
- E.8.18 A national transfer request or an import request in the "Pending Transfer" menu will automatically expire at the moment any of the GO/EECS certificate included in the transfer request cease to be valid for transfer as detailed in section E.11.1.
 - When a national transfer request expires it is automatically withdrawn from the "Pending Transfer" menu, both Selling and Receiving Account Holders are notified by email, and the GOs are unlocked.
 - When an import request expires, it is automatically withdrawn from the "Pending Transfer" menu and a 'No-Acknowledge' Message is sent to the AIB Hub.
- E.8.19 Any GO/EECS certificate issued in this Domain, or imported into the Registry can be reexported provided they comply with the requirements set by point 8.4.
- E.8.20 All attributes included in an imported GO/EECS certificate will be stored and shown, in the way that the format described in section E.7 will be adapted to accommodate any additional data field.
- E.8.21 The records from all transfers requests remain accessible to the involved Account Holders for not less than 6 years.





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-GO cannot be altered or deleted except to correct an error. In the event that it transpires that the data in any EECS-GO is inaccurate Enagás GTS shall either correct this error or withdraw those GOs, provided that such GOs are, at the time of the error identification, within the Spanish Domain.

When the EECS-GOs to be corrected or withdrawn are no longer in the Account of the Producer, Enagás GTS will inform the concerned Account Holder in advance of the correction or withdrawal.

In case the EECS-GOs are no longer in the Spanish Domain, Enagás GTS might cooperate with other Issuing Bodies to correct or withdraw the erroneous certificates.

- E.9.2 Where Enagás GTS is informed by another Issuing Body of an error concerning EECS-GOs issued by this other Issuing Body that are currently within the Spanish Registry, Enagás GTS will cooperate with the other Issuing Body correcting or withdrawing the erroneous certificates.
- E.9.3 In the case of failure of national transfer, Enagás GTS will react as soon as possible by unlocking the GOs in the Account of the Selling Account Holder, investigating and fixing the causes for the failure and informing the concerned Account Holders about the failure and its result.
- E.9.4 In the case of international transfer failure, Enagás GTS will react as soon as possible in order to correct the transfer and avoid any risk of double counting of GOs.

E.10 End of Life of EECS Certificates – Cancellation

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	03.1.1

- E.10.1 Only a gas GO whose 'GO validity status' is either 'Valid for transfer, export and cancellation' or 'Valid for cancellation' can be cancelled. GOs whose 'GO validity status' is either 'Cancelled', 'Withdrawn' or 'Expired' are not eligible for cancellation.
- E.10.2 Cancellation is removing a Certificate from circulation. Once Cancelled, its 'GO validity status' becomes 'Cancelled' so it is no longer tradable and cannot be moved to any other account.
- E.10.3 In the Cancellation process the GOs being cancelled get associated to gas or hydrogen consumptions taking place within the geographic scope of this Domain. The Cancellation requires that the 'GO type' of the GOs corresponds to the characteristics of the gas or hydrogen that was consumed.





Gas consumed	Type of consumption point	GO type	
Hydrocarbon gas not fulfilling gas network quality specifications	 Self-consumption points Off-grid consumption points Consumption point from an unupgraded Biogas network that is not connected to the gas system 	Biogas	
Gas compliant with the gas network quality specifications	 Consumption points from the natural gas networks Off-grid consumption points Consumption point from a natural gas-compatible network that is not connected to the gas networks Self-consumption points 	Network Compatible Gas	
Hydrogen ¹	 Consumption points from an eventual interconnected Hydrogen network Off-grid consumption points Consumption points from a hydrogen network that is not connected to the eventual hydrogen interconnected networks Self-consumption points 	Hydrogen	

- **E.10.4** This Domain allows for three different types of cancellation processes, each of them adapted to the specificities of the associated consumptions:
 - a. Cancellation associated to consumption points
 - b. Cancellation associated to the supply portfolio of a gas supplier
 - c. Cancellation associated to bunkering and vehicle re-fuelling operations

The cancellation statements, as shown in Annex 5, are specific for each of the three types of cancellation processes.

- E.10.5 The initiation of cancellations is done by the relevant Account Holder. A user initiates a cancellation request in the 'Cancellation' section within the Registry at the 'Cancellation' menu, by selecting the type of cancellation.
- **E.10.6** The cancellation process is split into three steps:
 - 1. Identification of the gas or hydrogen consumption for which the cancellation is requested.
 - 2. Identification of the GOs to be cancelled among the eligible GOs within the Account Holder's Account.

¹ No restrictions have been imposed regarding the hydrogen quality specifications (no minimum hydrogen %). This will be potentially amended once the relevant technical specifications applying to hydrogen networks are in place.





3. Confirmation of the cancellation process

The information required in Step 1 depends on the type of cancellation that has been selected. Steps 2 and 3 are common for the three types of cancellation processes.

E.10.7 The identification of gas consumption associated to consumption points requires the previous registration of the consumption point.

In the registration of the consumption point the Account Holder shall indicate the type of gas consumed, the type of consumption point, and in case of consumption points from the natural gas network the 'CUPS' code.

Once an Account Holder registers a consumption point it remains associated to this Account Holder until it gets deregistered.

After registering the consumption point, the Account Holder shall upload the consumption figures associated to this consumption point, by using the templates included in Annex 5.

- E.10.8 The identification of gas consumption associated to the supply portfolio of a gas supplier is done automatically given that the Account Holder has been identified as a Network User at the Spanish Gas System. It's supply portfolio is re-calculated on daily basis from the figures used in its balancing calculation. These figures are taken from the SL-ATR (IT system for the commercial management of the Spanish Gas System operated by Enagás GTS).
 - For the time being the cancellation associated to supply portfolio is only feasible for Network compatible gas.
- E.10.9 The identification of gas consumption associated to bunkering and vehicle re-fuelling operations shall be uploaded by using the template included in Annex 5, that includes the type of gas loaded among other details regarding the loading operation.
- E.10.10 The identification of the GOs to be cancelled is done from the Account of the Account Holder, where the eligible GOs for each particular cancellation process appear pre-filtered.
- **E.10.11** Only GOs fulfilling all the following requirements are eligible for their inclusion in cancellation process:
 - d. The GOs are in the Account of the Account Holder
 - e. The 'GO validity status' is 'Valid for transfer, export and cancellation' or 'Valid for cancellation'
 - f. The GOs have not been included in a previous transfer request that has not yet concluded.
 - g. The 'GO type' of the GOs is compatible with the type of gas or hydrogen consumption.
- **E.10.12** Once the Account Holder has selected the concerned GOs and confirmed the cancellation process:
 - a) The GO validity status is immediately changed to 'Cancelled'
 - b) The cancellation process is automatically registered and included in the 'Cancellation History' menu where it can be consulted by the Account Holder.

² The 'CUPS' is a unique code applicable to each network and grid energy consumption points (electricity and gas) in Spain.





- E.10.13 No ex-domain cancellations are allowed.
- E.10.14 Cancellation statements for each year are available for download from the 20th April of the following year at the Registry 'Cancellation' menu. Examples of cancellation statements are included in Annex 6.

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	

- E.11.1 A GO that has not been cancelled or withdrawn before will cease to be valid for transfer twelve months after the end of the period during which the Output to which they relate was produced.
- E.11.2 The process through which a GO ceases to be valid for transfer happening twelve months after the end of the production period happens automatically on the certificate anniversary and it is named 'Partial expiry'. In the partial expiration process the 'GO validity status' changes from 'Valid for transfer, export and cancellation' to 'Valid for cancellation'.
- E.11.3 Once its partial expiry takes place, a GO will no longer be eligible for transfer.
- **E.11.4** GOs cease to be valid for cancellation eighteen months after the end of the period during which the Output to which they relate was produced.
- E.11.5 The process through which a GO ceases to be valid for cancellation happening eighteen months after the end of the production period happens automatically on the certificate anniversary and it is named 'Total expiry'. In the total expiration process the 'GO validity status' changes from 'Valid for cancellation' to 'Expired'.
- **E.11.6** An expired GO will remain at its Account Holder's Account for 5 years after its expiration and will only be considered for statistical purposes.

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 Enagás GTS may withdraw an EECS-GO held in its Registry as a corrective action as detailed in section E.9. Withdrawal is removing a Certificate from circulation. Once withdrawn the GOs are no longer eligible for transfer or cancellation.
- E.12.2 Only GOs whose 'GO validity status' is 'Valid for transfer, export and cancellation' or 'Valid for cancellation' can be withdrawn.
- E.12.3 When Enagás GTS withdraws an EECS-GO its 'GO validity status' is modified to 'Withdrawn'.
- E.12.4 A withdrawn GO remains on the Account Holder account for four years.





F ISSUER'S AGENTS

F.1 Production Auditor

This section must demonstrate compliance with the following EECS Rules:

None directly		

- F.1.1 The Production Auditors are independent bodies approved by the Enagás GTS to audit the information provided by the operators of the production devices. The production Audits in Spain are performed by the Accredited Inspection bodies by the Spanish Agency for Accreditation ENAC. The role of the Production Auditors is to audit the relevant records, plants and equipment to confirm the accuracy of the information provided in the Production Device registration process, the Production Declarations and Consumption Declarations in relation to the Production Devices.
- F.1.2 The list of Production Auditors authorised by the Issuing Body is published under document 'A2. Requisitos de empresas de auditoría' that can be downloaded from: https://www.gdogas.es/es/public-portal/general-info/user-manuals
- F.1.3 Enagás GTS has no responsibility in relation to the charges for services applicable to the Production Auditors.

F.2 Production Registrar

This section must demonstrate compliance with the following EECS Rules:

	None directly		
- 1			

- F.2.1 Enagás GTS acts as Production Registrar in the Spanish EECS Gas Domain.
- F.2.2 Roles have been identified in section B.3 and contact details are given in Annex 1.

F.3 Measurement Body(/ies)

This section demonstrates compliance with the following EECS Rules:

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- F.3.1 The Authorised Measurement Bodies are the bodies established under national regulation to be responsible for the collection and validation of measured volumes of energy used in national financial settlement processes.
- F.3.2 The Authorised Measurement Bodies are appointed on the basis of the dissemination level of the production:
 - The Authorised Measurement Bodies for the injection of renewable gases into networks are the operators of the corresponding network.
 - The Authorised Measurement Bodies for self-consumed renewable gases or renewable gases transferred through off-grid solutions are the operators of the production devices.





- F.3.3 The registration of a production device that is not injecting into a network operated by an Authorised Measurement Body will automatically trigger the formal approval of a new Authorised Measurement Body.
- F.3.4 The list of network operators as measurement Bodies for the injection of renewable gases in their own networks is published in document 'A5. Listado de miembros del Comité de Sujetos del Sistema de garantías de origen', under the section 'Operadores de red' that can be downloaded from https://www.gdogas.es/es/public-portal/general-info/user-manuals.

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** For each energy carrier, technology and energy source, statistical information is published on the following website www.gdogas.es, 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 Enagás GTS ensures the confidentiality of the information provided by the EECS Market participants and compliance with personal data legal protection requirements. The data published will be at aggregated level, so the individual trades of the EECS Market Participants are not made public.
- G.1.3 Each month Enagás GTS will provide the Secretary General of AIB with a statement of the number of EECS-GOs issued, transferred, cancelled, withdrawn and expired under the provisions of EECS rules E3.3.4.
- G.1.4 From a statistical point of view, in order to prevent any possible double counting, cancellations for conversion issuance are handled separately from cancellations linked to other gas consumptions.

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 Enagás GTS keeps electronic record of any data in the Registry for at least 6 years.





- **G.2.2** Material communications with EECS Market Participants carried out by email are kept indefinitely in electronic format.
- G.2.3 For the sake of contingency a back-up copy of the data base is saved on daily basis.

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 Enagás GTS will enforce rules in relation to any act of non-compliance with the applicable national regulatory framework and will inform AIB of any relevant changes about the EECS scheme in Spain, especially if it requires changes to this Domain Protocol.
- G.3.2 Enagás GTS will also enforce the rules in relation to any act of non-compliance, such as this Domain Protocol, the Standard Terms and Conditions, and the EECS Rules.
- G.3.3 Where Enagás GTS identifies suspicious activity or acts of non-compliance, under sections G.3.1 and G.3.2, as soon as Enagás GTS becomes aware and is practically possible, Enagás GTS will inform the AIB, the national supervising authorities and other Issuing Bodies of non-compliance where such breach could affect the transfers of GOs with other domains and will provide all required information to the AIB to resolve or investigate such action.
- G.3.4 In case of non-compliance, Enagás GTS has the right to suspend and withdraw an Account Holder from the Scheme, according to the Standard Terms and Conditions and the *Orden* TED/1026/2022.

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 Enagás GTS 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 Enagás GTS 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.1.4 Enagás GTS shall ensure that the Domain Protocol secures that the Product Rules for the relevant EECS Product and that is complies with the EECS Rules established for the EECS Scheme in relation to the relevant Output.

H.2 Complaints to the AIB

This section must demonstrate compliance with the following EECS Rules:

None directly	(J1.1.2)	
'	,	

- 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

1.1 Complaints to Enagás GTS

This section must demonstrate compliance with the following EECS Rules:

None directly		

- I.1.1 An Account Holder can submit complaints in writing. Complaints shall be addressed at gdo gts@enagas.es . Enagás GTS is obliged to consider the complaint, investigate the circumstances and either dismiss or resolve the cause of the complaint as soon as possible within practical limitations.
- I.1.2 Enagás GTS will report of the reception, evaluation and resolution of the complaints received at the *Comité de Sujetos* (Committee for the supervision of the functioning of the GO-system) that is accessible to every Market Participant and is meeting periodically.





I.2 Disputes

This section must demonstrate compliance with the following EECS Rules:

None directly		

- I.2.1 Any participant of the Comité de Sujetos can raise formal appeals against the actions performed or operations approved by Enagás GTS or any EECS Market Participant through the procedures established in the 'Reglamento Interno de Funcionamiento del Comité de Sujetos', that is downloadable at www.gdogas.es.
- **1.2.2** Disputes shall be resolved by means of mutual negotiations.
- I.2.3 If a dispute cannot be resolved within a period of thirty days (unless the Parties have agreed upon a different deadline), the dispute shall be settled pursuant the established in the Standard Terms and Conditions.

I.3 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.3.1 Any EECS Market Participant or any other party participating in the *Comité de Sujetos* may propose a modification to this Domain Protocol.
- I.3.2 A Proposal for the modification of this Domain Protocol shall be submitted in writing to gdo gts@enagas.es; indicating the reasoning and a detailed description of the proposal.
- I.3.3 Enagás GTS will report of the reception and evaluation of the modification proposal at the Comité de Sujetos (Committee for the supervision of the functioning of the GO-system) that is accessible to every Market Participant and is meeting periodically.
- I.3.4 Enagás GTS may modify this Domain Protocol for its adaptation to changes in the regulatory framework or when necessary to the effective and efficient operation of the GO market. Modification proposals from Enagás GTS will be reported at the Comité de Sujetos.
- I.3.5 Any modifications to this Domain Protocol are subject to approval by the AIB that such changes do not conflict with the Principles and Rules of Operation of the Association of Issuing Bodies (AIB) for The European Energy Certification System.
- I.3.6 Implementation of modifications will be notified to the Scheme Participants and will take effect on publication of the documentation on www.gdogas.es and on the website of AIB.









ANNEX 1 CONTACTS LIST

AUTHORISED ISSUING BODY/REGISTRY OPERATOR

Company name	Enagás GTS
Contact person	Carmen Rodríguez Valdés
Department	Garantías de Origen
Address	Paseo de los Olmos 19, Madrid
Phone number	+34 609664131
E-mail address	mcrodriguezv@enagas.es; gdo_gts@enagas.es
Website	www.gdogas.es

COMPETENT AUTHORITY (IF DIFFERENT FROM THE AUTHORISED ISSUING BODY)

Company name	Enagás GTS

REGISTRY SUPPORT

Company name	N/A
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NGC SCHEME OPERATOR

Company name	N/A
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PRODUCTION REGISTRARS

Company name	N/A
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PRODUCTION AUDITORS

Company name	The list of Authorised Production Auditors included in section F.1
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MEASUREMENT BODIES

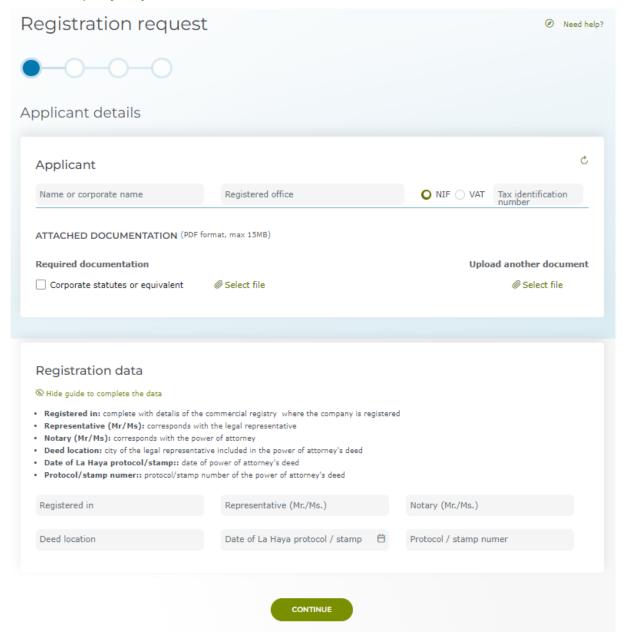
Company name	The list of Authorised Measurement Bodies included in section F.2
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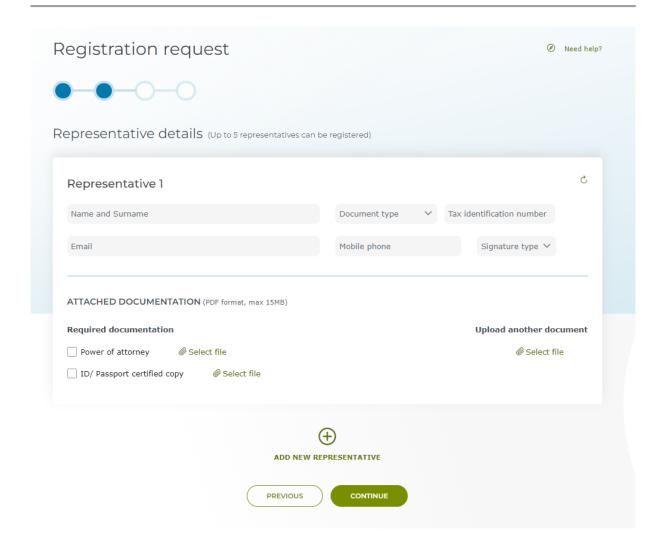
ANNEX 2 ACCOUNT APPLICATION/AMENDMENT FORM

Insert a sample of the form here.



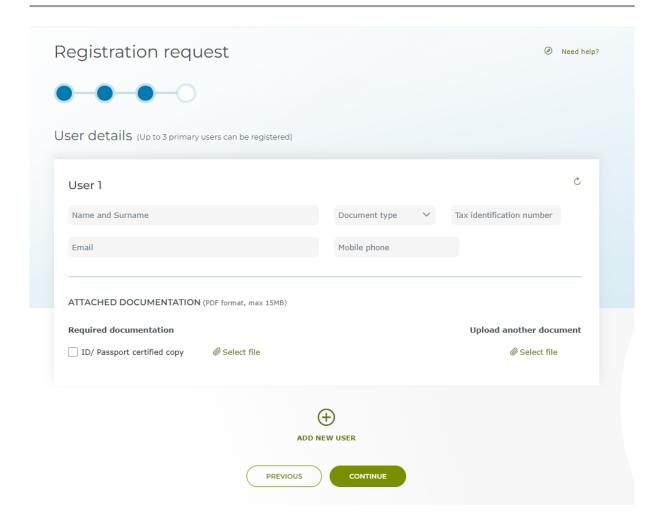








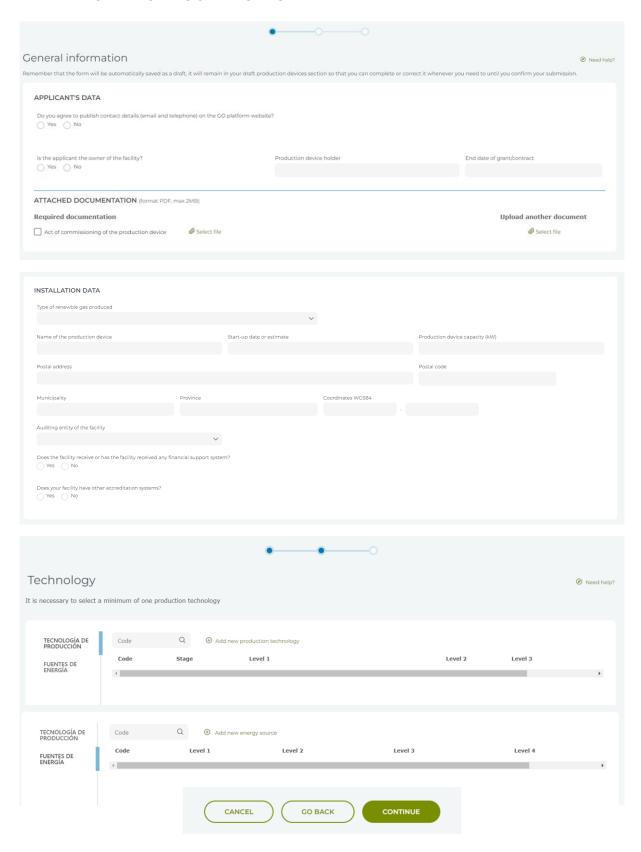






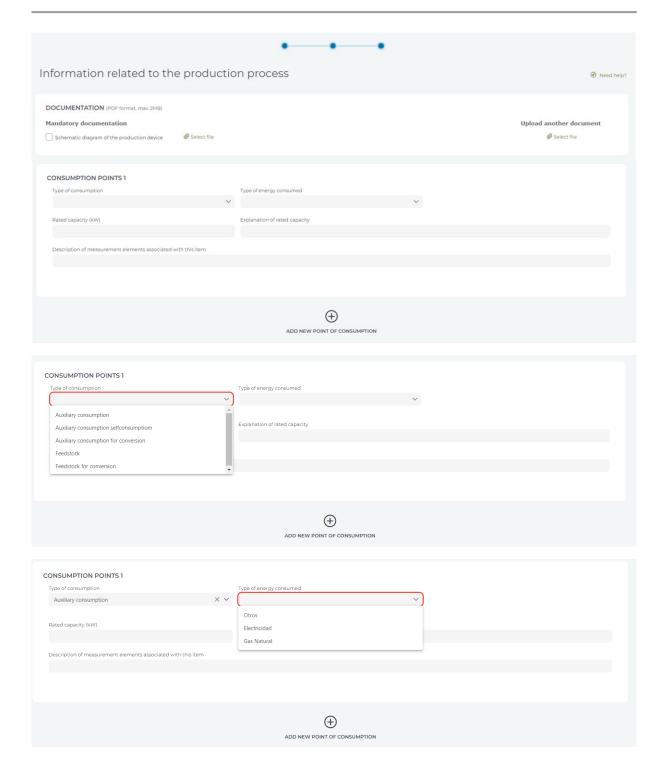


ANNEX 3 DEVICE REGISTRATION FORM



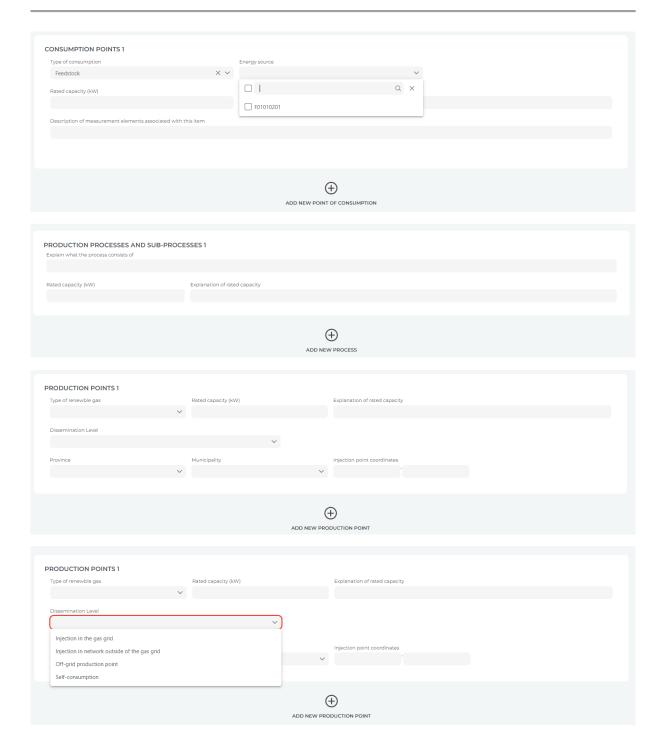






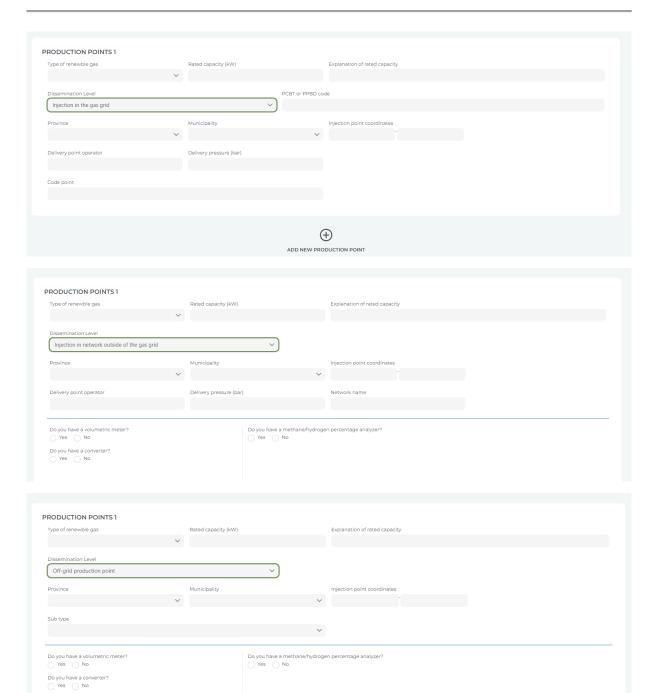






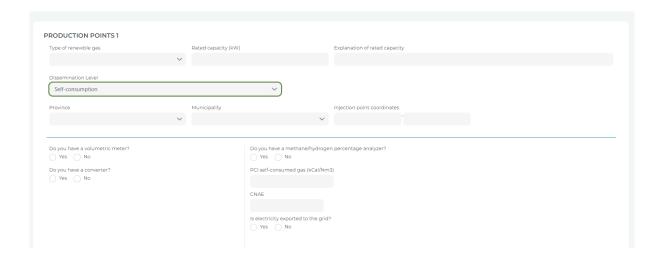
















ANNEX 4 PRODUCTION/CONSUMPTION DECLARATION

Consumption Declaration Template

Cód. Instalación (Production Device ID number)	Cód. Punto de consumo (Consumption point ID number)	Fuente de energía (energy source)	Energía consumida (KWh)	Año (year)	Mes (month)
Format:					
18-digit number	20-digit code	9-digit code	Number	Number	Number
Example:					
843702522500000001	ES8543000000000004QK	F01100000	12.562	2023	5

Production Declaration Template

Cód. Instalación producción (Production Device ID number)	Cód. Punto de producción (Consumption point ID number)	Día (day)	Energía producida (KWh) (energy produced)
Format:			
18-digit number	6-digit code	Dd/mm/yyyy	Number
Example:			
843702522500000001	P01001	31/05/2023	25746

Excel templates can be downloaded from the Registry, and once filled-up uploaded as .csv





ANNEX 5 TEMPLATES FOR UPLOADING CONSUMPTION IN CANCELLATION PROCESSES

Uploading template for cancellation – consumption points with online metering

Cód. Punto de consumo (Consumption point ID number)	Energía consumida (KWh)	Día (day)
20-digit code	Number	dd/mm/yyyy
ES8543000000000004QK	12.562	31/05/2023

Uploading template for cancellation – consumption points without online metering

Cód. Punto de consumo (Consumption point ID number)	Energía consumida (kWh)	Año (year)
20-digit code	Number	YYYY
ES8543000000000004QK	12.562	2023

Uploading template for cancellation – bunkering and vehicle refuelling operations

Loading point	Tanker truck identification	EIC code of Supplier	Energy loaded (kWh)	Load destination	Type of gas loaded	Loading period (day from)	Loading period (day to)
Free text	Free text	Free text	Number	Free text	Free text	Dd/mm/yyyy	Dd/mm/yyyy
BBGCC	22212466	18XENDCO- 1234-3B	298563	Hypatia de Alejandría	Hydrogen	21/06/2023	21/06/2023

Excel templates can be downloaded from the Registry, and once filled-up uploaded as .csv





ANNEX 6 EECS CANCELLATION STATEMENT

SAMPLE #1 – CANCELLATION STATEMENT FOR A CONSUMPTION POINT WITH ONLINE MEASURMENET

Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable Año 2025



E-mail: gdo_gts@enagas.es **Enagás GTS, S.A.U.** Paseo de los Olmos 19, Madrid

Declaración Informativa de Redención

Código de Declaración D01XENERGIL0000000000022

Esta declaración informativa certifica que las Garantías de Origen aquí listadas han sido redimidas, atribuyendo las características medioambientales de la energía asociada a un consumo. Por tanto, queda expresamente prohibida su transferencia o exportación a un tercero que no sea el suministrador o consumidor de la energía.

Información General

Tipo de redención

Punto de consumo

Punto de consumo ES0201791579111134VD

Ubicación Santander, Cantabria

Energía anual consumida 50.000 kWh

Tenedor Energías Renovables S.A.

Código tenedor 01XENERGIL

Total cantidad redimida 33 GdO

Consumo anual redimido 64 %

Operaciones de Redención

Código de redención	Periodo de consumo	Energía Consumida (kWh)	Cantidad redimida (GDOs)
R00000000000000000000000000001	3/03/2025 - 7/08/2025	18.300	18
R0000000000000000000000000000000000000	1/09/2025 - 13/10/2025	4.500	4
R0000000000000000000000000000000000000	1/11/2025 - 31/12/2025	9.700	11

Lote	Cantidad GdOs	Desde	Hasta
1	10	843702522500000000000000000141	843702522500000000000000000150
2	8	843702522500000000000000000151	84370252250000000000000000158

Lote	Cantidad GdOs	Desde	Hasta
1	4	84370252250000000000000000159	843702522500000000000000000162

Lote	Cantidad GdOs	Desde	Hasta
1	11	843702522500000000000000000163	843702522500000000000000000173





Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable

Año 2025



Análisis Estadístico

Cantidad por Fuente de Energía

Fuente de energía	Código	Cantidad GdOs
Gas de vertedero	F01030100	13
Residuos municipales	F01020100	14
Blomasa agrícola	F01010501	8

Cantidad por Tecnología

Tecnología	Código	Cantidad GdOs
Digestión anaerobia	G010000	25
Pirólisis	G060000	8

Cantidad por país donde se ha producido la energía

País	Cantidad GdOs
España	33

Cantidad por comunidad autónoma y provincia donde se ha producido la energía

Comunidad Autónoma	Provincia	Cantidad GdOs
Castilla y León	Segovia	20
Madrid	Madrid	13





SAMPLE #2 – CANCELLATION STATEMENT FOR A CONSUMPTION POINT WITHOUT ONLINE MEASURMENET

Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable Año 2025



E-mail: gdo_gts@enagas.es **Enagás GTS, S.A.U.** Paseo de los Olmos 19, Madrid

Declaración Informativa de Redención Código de Declaración D01XENERGIL0000000000032

Esta declaración informativa certifica que las Garantías de Origen aquí listadas han sido redimidas, atribuyendo las características medioambientales de la energía asociada a un consumo. Por tanto, queda expresamente prohibida su transferencia o exportación a un tercero que no sea el suministrador o consumidor de la energía.

Información General Tipo de redención Punto de consumo

Punto de consumo ES0230845612398765XR

Ubicación Salamanca, Castilla y León

Energía anual consumida 50.000 kWh

Tenedor Energías Renovables S.A.

Código tenedor 01XENERGIL

Operación de Redención

Código de redención	Periodo de consumo	% Consumo redimido	Cantidad redimida (GDOs)
R0000000000000000000000000000000000000	1/01/2025 - 31/12/2025	80	40

Detalle operación de redención

Lote	Cantidad GdOs	Desde	Hasta
1	10	843702522500000000000000000245	843702522500000000000000000254
2	10	8437025225000000000000000000255	843702522500000000000000000264
3	10	8437025225000000000000000000265	843702522500000000000000000274
4	10	843702522500000000000000000275	843702522500000000000000000284





Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable

Año 2025



Análisis Estadístico

Cantidad por Fuente de Energía

Fuente de energía	Código	Cantidad GdOs
Gas de vertedero	F01030100	20
Residuos municipales	F01020100	10
Biomasa agricola	F01010501	10

Cantidad por Tecnología

Tecnología	Código	Cantidad GdOs
Digestión anaerobia	G010000	30
Pirólisis	G060000	10

Cantidad por país donde se ha producido la energía

País	Cantidad GdOs
España	40

Cantidad por comunidad autónoma y provincia donde se han redimido GdOs

Comunidad Autónoma	Provincia	Cantidad GdOs
Madrid	Madrid	10
Andalucia	Sevilla	10
Galicia	Pontevedra	10
Castilla y León	Leán	10





SAMPLE #3 - CANCELLATION STATEMENT FOR BUNKERING OR VEHICLE REFUELLING **OPERATIONS**

Sistema de Garantías de Origen de gases renovables

Enagás GTS - Entidad Responsable Año 2025



E-mail: gdo_gts@enagas.es Enagás GTS, S.A.U. Paseo de los Olmos 19, Madrid

Declaración Informativa de Redención

Código de Declaración D01XENERTII0000000000028

Esta declaración informativa certifica que las Garantías de Origen aquí listadas han sido redimidas, atribuyendo las características medioambientales de la energía asociada a un consumo. Por tanto, queda expresamente prohibida su transferencia o exportación a un tercero que no sea el suministrador o consumidor de la energía.

Información General

Tipo de redención Operación de bunkering/gas vehicular

Tenedor

EnerTIC S.A.

Código tenedor

01XENERTII

Total energía cargada

741.400 kWh

Total cantidad redimida

743 GdOs

Operaciones de Redención

Código de redención	Nº Operaciones carga	Tipo(s)	Energía Cargada (kWh)	Cantidad redimida (GDOs)
R0000000000000000000000000000000000000	1	Carga buques	185.300	186
R0000000000000000000000000000000000000	3	Carga cisternas Carga buques	556.100	557

Código de	Fecha	Punto de	Nombre del	Energía	Cantidad
Operación Carga		Carga	Buque	Cargada (kWh)	redimida (GDOs)
BB000000000000010	15/02/2025	Barcelona	Mercante II	185.300	186

Números de identificación de las Garantías de Origen Redimidas

Lote	Cantidad GdOs	Desde	Hasta
1	50	843702522500000000000000000378	843702522500000000000000000427
2	50	8437025225000000000000000000428	843702522500000000000000000477
3	40	843702522500000000000000000478	843702522500000000000000000517
4	46	843702522500000000000000000518	843702522500000000000000000563

Detalle operación de redención - R00000000000000000000013

Código de Operación Carga	Fecha	Punto de Carga	Nº de pedido	Energía Cargada (kWh)
CB0000000000000022	19/06/2025	Barcelona	22212466	202.400
CB0000000000000044	24/06/2025	Barcelona	22212477	154.800





Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable Año 2025



E-mail: gdo_gts@enagas.es Enagás GTS, S.A.U. Paseo de los Olmos 19, Madrid

Detalle operación de redención - R000000000000000000000013

Código de Operación Carga	Fecha	Punto de Carga	Nombre del Buque	Energía Cargada (kWh)
BB0000000000000004	05/08/2025	Barcelona	Narrow Sea	198.900

Total energía cargada 556.100 kWh

Total cantidad redimida 557 GdOs

Números de identificación de las Garantías de Origen Redimidas

Lote	Cantidad GdOs	Desde	Hasta
1	100	843702522500000000000000000564	843702522500000000000000000663
2	150	843702522500000000000000000664	8437025225000000000000000000813
3	150	843702522500000000000000000814	8437025225000000000000000000963
4	157	8437025225000000000000000000964	8437025225000000000000000001120

Análisis Estadístico

Cantidad por Fuente de Energía

Fuente de energía	Código	Cantidad GdOs
Gas de vertedero	F01030100	300
Residuos municipales	F01020100	240
Biomasa agrícola	F01010501	157
Biomasa procedente de la silvicultura y la industria forestal	F01010306	46

Cantidad por Tecnología

Tecnología	Código	Cantidad GdOs
Digestión anaerobia	G010000	540
Pirólisis	G060000	203

Cantidad por país donde se ha producido la energía

País	Cantidad GdOs
España	443
Dinamarca	150
Béigica	150





Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable

Año 2025



Análisis Estadístico

Cantidad por comunidad autónoma y provincia donde se ha producido la energía

Comunidad Autónoma	Provincia	Cantidad GdOs
Galicia	A Coruña	100
Cataluña	Tarragona	86
Madrid	Madrid	100
Castilla y León	Segovia	157





SAMPLE #4 - CANCELLATION STATEMENT FOR SELF-CONSUMPTIONS

Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable Año 2025



E-mail: gdo_gts@enagas.es **Enagás GTS, S.A.U.** Paseo de los Olmos 19, Madrid

Declaración Informativa de Redención

Código de Declaración D01XGASRENB0000000000022

Esta declaración informativa certifica que las Garantías de Origen aquí listadas han sido redimidas, atribuyendo las características medioambientales de la energía asociada a un consumo. Por tanto, queda expresamente prohibida su transferencia o exportación a un tercero que no sea el suministrador o consumidor de la energía.

Información General

Tipo de redención

Autoconsumo

Punto de autoconsumo P00001

Identidad de la instalación La Ribera

Ubicación de la instalación Calle Almirante SN, 28043, Madrid

Código de la instalación 843702522500000259

Energía anual autoconsumida 27.900 kWh

Tenedor GasRenove S.A.

Código tenedor 01XGASRENB

Total cantidad redimida 28 GdO

Desglose de energía autoconsumida

Periodo	Código de redención	Energía Producida Consumida (kWh)	Energía acumulada sin redimir (kWh)	GdOs redimidas
01/01/2025 - 31/01/2025	R0000000000000000000000000000000000000	2.300	300	2
01/02/2025 - 31/05/2025	R000000000000000000000114	8.300	600	8
01/06/2025 - 30/06/2025	R00000000000000000000140	2.150	750	2
01/07/2025 - 31/10/2025	R000000000000000000000153	9.720	470	10
01/11/2025 - 31/12/2025	R0000000000000000000000169	5.430	-	6

Lote Cantidad GdOs		Desde	Hasta	
1	2	843702522500000000000000002142	843702522500000000000000002143	

Detalle operación de redención - R0000000000000000000114

Lote Cantidad GdOs		Desde	Hasta	
1	8	843702522500000000000000002144	843702522500000000000000002151	

Detalle operación de redención - R0000000000000000000140

Lote Cantidad GdOs		Desde	Hasta	
1	2	843702522500000000000000002152	843702522500000000000000002153	





Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable Año 2025



E-mail: gdo_gts@enagas.es Enagás GTS, S.A.U. Paseo de los Olmos 19, Madrid

Detalle operación de redención - R00000000000000000000153

Lote	Cantidad GdOs	Desde	Hasta
1	10	8437025225000000000000000002152	8437025225000000000000000002154

Detalle operación de redención - R000000000000000000000169

Lote	Cantidad GdOs	Desde	Hasta
1	6	8437025225000000000000000002155	8437025225000000000000000002160

Análisis Estadístico

Cantidad por Fuente de Energía

Fuente de energía	Código	Cantidad GdOs
Gas de vertedero	F01030100	20
Residuos municipales	F01020100	8

Cantidad por Tecnología

Tecnología	Código	Cantidad GdOs
Digestión anaerobia	G010000	28

Cantidad por país donde se ha producido la energía

País	Cantidad GdOs
España	28

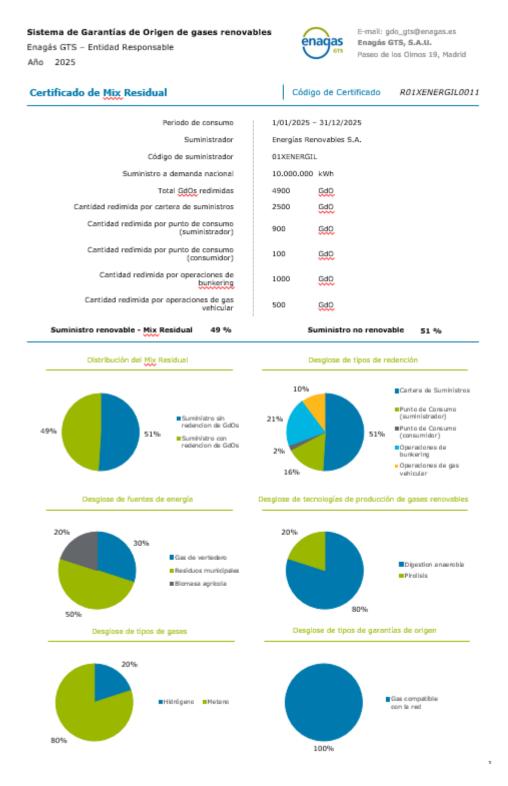
Cantidad por comunidad autónoma y provincia donde se ha producido la energía

Comunidad Autónoma		Provincia	Cantidad GdOs	
Madrid		Madrid	28	





SAMPLE #5 - CANCELLATION STATEMENT FOR SUPPLIER'S SUPPLY PORTFOLIO (LABELING)







Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable



E-mail: gdo_gts@enagas.es **Enagás GTS, S.A.U.** Paseo de los Olmos 19, Madrid

Detalle de garantías de origen redimidas - Número de Identificación

Tipo de redención	Lote	Cantidad GdOs	Desde	Hasta
Cartera de suministros	1	1000	8437025225000000000000000000001	843702522500000000000000000999
Cartera de suministros	2	1000	843702522500000000000000001000	84370252250000000000000001999
Cartera de suministros	3	500	843702522500000000000000000000000000000000	843702522500000000000000002499
Punto de consumo (suministrador)	4	900	84370252250000000000000003500	843702522500000000000000004299
Operaciones de bunkering	5	1000	843702522500000000000000004300	843702522500000000000000005299
Operaciones de gas vehicular	6	500	843702522500000000000000005300	843702522500000000000000005799

Distribución geográfica de las Garantías de Origen

Cantidad por país donde se ha producido la energía

País	Cantidad GdOs
España	3000
Finlandia	900
Bélgica	500

Cantidad por comunidad autónoma y provincia donde se ha producido la energía

Comunidad Autónoma	Provincia	Cantidad GdOs
Cataluña	Barcelona	1000
Aragón	Zaragoza	500
Castilla y León	Salamanca	700
Andalucía	Córdoba	800

Esta declaración informativa certifica que las Garantías de Origen aquí listadas han sido redimidas, atribuyendo las características medioambientales de la energía asociada a un consumo. Por tanto, queda expresamente prohibida su transferencia o exportación a un tercero que no sea el suministrador o consumidor de la energía.





SAMPLE #6 - CANCELLATION STATEMENT - CANCELLATION FOR CONVERSION ISSUANCE

Sistema de Garantías de Origen de gases renovables

Enagás GTS - Entidad Responsable Año 2023



E-mail: gdo_gts@enagas.es Enagás GTS, S.A.U. Paseo de los Olmos 19, Madrid

Declaración Informativa de Redención Código de Declaración D01XENERGIL0000000000032

Esta declaración informativa certifica que las Garantías de Origen aquí listadas han sido redimidas, atribuyendo las características medioambientales de la energía asociada a un consumo. Por tanto, queda expresamente prohibida su transferencia o exportación a un tercero que no sea el suministrador o consumidor de la energía.

Información General Tipo de redención Conversión

> Punto de consumo ES0230845612398765XR

> > Mes - año 04 - 2023

Energía mensual consumida 50.000 kWh

> Tenedor (Productor) Energías Renovables S.A.

> > 01XENERGIL Código tenedor

Código instalación de producción 843702522500000315

Operación de Redención

Código de redención	Periodo de consumo	% Consumo redimido	Cantidad redimida (GDOs)
R0000000000000000000000000000000000000	1/04/2023 - 30/04/2023	80	40

Detalle operación de redención

Lote	Cantidad GdOs	Desde	Hasta
1	10	843702522500000000000000000245	843702522500000000000000000254
2	10	8437025225000000000000000000255	843702522500000000000000000264
3	10	8437025225000000000000000000265	843702522500000000000000000274
4	10	843702522500000000000000000275	843702522500000000000000000284





Sistema de Garantías de Origen de gases renovables

Enagás GTS – Entidad Responsable Año 2023



E-mail: gdo_gts@enagas.es **Enagás GTS, S.A.U.** Paseo de los Olmos 19, Madrid

Análisis Estadístico

Cantidad por Fuente de Energía

Fuente de energía	Código	Cantidad GdOs
Gas de vertedero	F01030100	20
Residuos municipales	F01020100	10
Biomasa agrícola	F01010501	10

Cantidad por Tecnología

Tecnología	Código	Cantidad GdOs
Digestión anaerobia	G010000	30
Pirólisis	G060000	10

Cantidad por país donde se ha producido la energía

País	Cantidad GdOs
España	40

Cantidad por comunidad autónoma y provincia donde se han redimido GdOs

Comunidad Autónoma	Provincia	Cantidad GdOs
Madrid	Madrid	10
Andalucía	Sevilla	10
Galicia	Pontevedra	10
Castilla y León	León	10