

GreenGas Webinar

A silver laptop is open on a dark, reflective surface. The laptop screen displays a presentation slide with a vibrant green background of leaves and a bright sun flare. The text 'GreenGas Webinar' is written in a bold, green, sans-serif font. The laptop's keyboard is visible below the screen. The surface the laptop sits on is highly reflective, mirroring the laptop and the slide content, though the reflection is blurred. In the background, a wooden door with a silver handle and a glass partition are visible, suggesting an office or meeting room environment.

Agenda



1. **Welcome**
2. CEGH GreenGas Platform
3. E-Control Green Gas Update
4. Q & A Session

Virtual Online Meeting Guidelines

- Please turn your **cameras and your mics OFF**
- If you have questions, please write them into the chat window, we will answer them after the presentation in our Q&A session

Agenda



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- 2. CEGH GreenGas Platform**
3. E-Control Green Gas Update
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CEGH GreenGas Platform for Marketing of Green Gases



CEGH GreenGas Platform – Way to more transparency and liquidity

- CEGH GreenGas Platform for **marketing of green gases**, such as biogas and hydrogen, in Austria
- Development of the **CEGH GreenGas Platform based on market feedback** in order to meet the current needs and wishes
- **Gradual expansion** to Central and Eastern Europe is envisaged
- **Functionalities of CEGH GreenGas Platform will be expanded** alongside the evolving green gas market
- CEGH offers the CEGH GreenGas Platform **free of charge**

CEGH GreenGas Platform



- CEGH is offering the CEGH GreenGas Platform in German and English language
- CEGH GreenGas Platform “Users” can easily publish their Guarantee of Origins (GOs) or bio-methane volumes with or without the GOs (bid/ask) or can place bids/offers for existing offers via the CEGH GreenGas Platform
- Wien Energie Vertriebs GmbH & Co KG placed two different sale offers for Guarantees of Origin on the CEGH GreenGas Platform!

The screenshot displays the CEGH GreenGas Platform interface. At the top, there is a navigation bar with the CEGH logo, the text 'Wien Energie Vertriebs GmbH & Co KG', and a 'Filter' button. Below the navigation bar, there are two offer cards, each with a green header that reads 'OPEN FOR BIDDING UNTIL REVOKED'. The first offer card shows a volume of 876 MWh, a production period from 01.12.21 to 01.01.22, and a minimum price of 40.00 €/MWh. The second offer card shows a volume of 848 MWh, a production period from 01.11.21 to 01.12.21, and a minimum price of 40.00 €/MWh. Both offers are for 'Biomethane from biogas (B110000)' and are published by 'Wien Energie Vertriebs GmbH & Co KG'. The interface also includes a filter sidebar on the left with options for status (open, closed, published, not published, cancelled), company, offer ID, side (Bid, Ask), registry, certificate, country, publication date, and bidding period.

CEGH GreenGas Platform



Easy registration process so that everyone can participate.

2 possibilities:

- Registration as “User” for active participation on CEGH GreenGas Platform
- Registration for “Publication Alert” to get a notification via email in case new bid/ask offers are placed

When you register as “User”, please provide proof of an existing registry membership in order to be able to participate in marketing activities for the corresponding registries.

EN Login

CEGH GREENGAS PLATFORM OVERVIEW REGISTRATION MEMBERS

Registration

User to participate in offers

Publication alert receive information about upcoming offers

1. Company details

EIC (optional)

Name

Street

Zip Code City

Country

2. User details

Title (optional)

First Name Surname

Email

Phone number (optional) +43 / 690 / 909090

Country code Area code Phone number

Language English (EN)

Password

Password verify

3. Registry memberships

In order to be able to participate in offers on the Green-Gas platform, the particular registries in which your company has a membership must be supplied. The specified memberships will be checked and approved by CEGH after registration. Subsequent entry or editing of registry memberships is possible at any time after registration under the menu item "Edit profile".

Add Registry membership

I have read the Terms of Use / Data Protection of the Platform and accept them.

Register

CEGH GreenGas Platform - Registration



Registry-Membership Database of E-Control Austria:

- 1) The market participant who is aiming to register on CEGH Greengas Trading Platform submits a request to the department, which is responsible for the HKN database. (Dr. Harald Proidl, Mag. Viola Neubauer)
- 2) After the request, E-Control will send you a confirmation for the membership at the database of E-Control
- 3) Upload the document under “Registry memberships” on our CEGH GreenGas Platform

CEGH GreenGas Platform - Registration



Registry Membership at Biomethan-Register Austria :

- 1) The market participant who is aiming to register on CEGH Greengas Trading Platform submits a request to Biomethan Register Austria via info@biomethanregister.at to receive confirmation of active market participation and registered account.
- 2) After the request has been made, AGCS issues a confirmation (1-page, paper) to the market participant.
- 3) Under “Registry memberships” please enter the ID no. (Identification number) and upload the confirmation document of AGCS during the registration process, so that the membership in the Biomethan-Register Austria can be confirmed by CEGH.

CEGH GreenGas Platform



Welcome, Müller Bernd EN [Edit profile](#) [Logout](#)

Create offer:

- Publication date
- Bidding period
 - Specified period (auction)
 - Until revoked (bulletin board)
- Upload contract details and the competitive tendering procedure (mandatory)
- Product details
 - Specify if Guarantee of Origins (GOs), bio-methane volumes without GOs or bio-methane volumes with GOs should be offered or asked
- Price information (optional)

CEGH GREENGAS PLATFORM OVERVIEW CREATE OFFER MEMBERS

Create offer

1. Basic Information

Publication Date (Format: dd.mm.yyyy hh:mm)

Bidding period

specified period (Format: dd.mm.yyyy hh:mm)

until revoked

Notice (optional)

Documents

[Choose file\(s\)](#)

Please upload a document describing the award procedure and any additional documents in PDF format (max. 5 MB file size).

2. Product Details

Side

Bid Ask

Product

Guarantee of origin

Registry

AGCS BioMethan Register

Certificate

Certificate of origin

Country of origin

Austria

Bidder registry membership

AGCS BioMethan Register

To participate in this offer, bidders must be members of one of the selected registries.

TechCode

(B100000) Biomethan

Volume

Unit

MWh

Production period

3. Price Details

Bid price

Minimum price (optional)

Unit

€ / MWh

Save

CEGH GreenGas Platform



Place a bid:

- Requested Volume (MWh)
- Minimum accepted volume (MWh) [optional]
- Price (€/MWh)
- Upload optional documents in case needed (e.g. contract relevant details)
- Placed bids of your company can be seen on the CEGH GreenGas Platform or exported to an MS-Excel sheet

The screenshot shows the bidding interface for Wien Energie Vertriebs GmbH & Co KG. The top navigation bar includes 'CEGH GREENGAS PLATFORM', 'OVERVIEW', 'CREATE OFFER', 'MEMBERS', and 'ADMINISTRATION'. A green banner indicates 'OPEN FOR BIDDING UNTIL REVOKED' with a 'Place your bid' button. Below this are 'Edit', 'Cancel', and 'Delete' buttons. The main content area displays the company name, publication date (31.05.2022 10:58), and product details: 'Guarantee of origin', 'Registry / Certificate / Country of origin' (AGCS Biomethan Register Austria / Certificate of origin / Austria), and 'Bidding period until revoked'. A 'Biomethane from biogas (B110000)' section shows a volume of 376 MWh and a production period of 01.12.21 - 01.01.22. An 'Ask' button is present with a minimum price of 40.00 €/MWh. A 'Documents' sidebar on the right shows 'No documents available.' and an 'End bidding phase' button.

Place a bid

Requested volume: MWh Minimum accepted volume (optional): MWh

Price (>= 40.00 €/MWh): €/MWh

Volume (optional):

Additional documents

* Please upload the document(s) as a PDF file (max. 5 MB file size).

I have read the [Terms of Use](#) of the Platform and accept them.

CEGH GreenGas Platform



Interested persons or companies can

- register for publication alerts via email or
- register as “Platform Users” for the possibility to place bids/asks

Platform Users are

- publishing bids/asks for Guarantee of Origins (GOs), bio-methane volumes without GOs or bio-methane volumes with GOs
- informing all registered platform users by using the CEGH GreenGas Platform
- collecting bids
- the contact for all product related questions

CEGH is

- operator of the CEGH GreenGas Platform
- providing technical support for customers
- Further improving and developing the CEGH GreenGas Platform based on market needs

The conclusion of a contract for the offered products is subject to discretion of the company offering or requesting this products.

CEGH GreenGas Platform



- CEGH is inviting everyone (producers & market participants) to register and participate
- CEGH is happy to receive feedback for further improving and developing the platform
- CEGH is looking for input on additional features

Agenda



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GOs for Gas in Austria

1. Legal framework for gas disclosure

2. E-Control database

3. Current status

4. International trade and current issues in the debate

5. Further certificates issued by E-control

- E-Control is the **issuing body** for GOs - Electricity AND Gas
- No other issuing body in Austria
- E-Control is responsible to run the system and to supervise the disclosure for Electricity AND Gas
- E-Control has 20 years experience in GOs and disclosure
- E-Control is member of AIB (Association of Issuing Bodies)
- E-Control decides about acceptance of GOs from other countries (based on legal framework in member states and the processes of AIB)

- ~ 200.000 power plants in our database
- Operator of power plants have the obligation to register
- ~ 140 electricity suppliers → disclosure statement
- 100% of electricity must be labelled with GOs
- GOs are traded across Europe (EU and non-EU)
- The technical platform for the international transfers is provided by AIB

RED II 2018/2001 Art. 19:

1. For the purposes of demonstrating to final customers the share or quantity of energy from renewable sources in an energy supplier's energy mix and in the energy supplied to consumers under contracts marketed with reference to the consumption of energy from renewable sources, **Member States shall ensure that the origin of energy from renewable sources can be guaranteed “**
2. “[...] **Member States shall ensure that the same unit of energy from renewable sources is taken into account only once.**”
5. [...] **The designated competent bodies shall not have overlapping geographical responsibilities, and shall be independent of production, trade and supply activities.**

EAG 2021 – Renewable Act

- § 81 (1):
- **E-Control** appointed as the **national body responsible** for issuing, monitoring the transfer and cancelling the guarantees of origin.

Gaskennzeichnungsverordnung - gas labeling ordinance 2021

- § 8 (2):
- Labeling [...] **must** be carried out for the first time in 2023 for the gas quantities delivered in **2022**. For 2021 the labeling can be carried out on a voluntary basis.

Gaswirtschaftsgesetz (GWG) – Gas act

- § 130
- stating the criteria on where and how to displace the origin of gas

GOs for:

- Biomethane
- Hydrogen
- Fossil gas
(explored in AT)

→ E-Control Database for Gas-Gos → similar to the system for electricity

Eigene Daten Stammdaten Abgabedaten Gasnachweise Reports Administration Abmelden

News



Operations in the database

- > Registration process for companies and Users:

https://www.stromnachweis.at/stammdaten_unternehmen_registrieren.asp

Companies/Users:

- **Producers of gas** → public grid!!
- **Grid operator** → reporting the production of gas = issuing of GOs
- **Gas supplier** → using GOs for disclosure statement
- **Traders** → trading of GOs

The screenshot shows the 'Unternehmen registrieren' (Register Company) form on the E-Control website. The form is divided into three main sections: 'Unternehmensdaten' (Company Data), 'Unternehmen registrieren' (Company Registration), and 'Benutzerdaten' (User Data). The 'Unternehmensdaten' section includes fields for company name, address, postal code, location, and contact information. The 'Unternehmen registrieren' section includes fields for title, first name, last name, address, postal code, location, telephone number, fax number, and email. The 'Benutzerdaten' section includes fields for user name, first name, last name, address, postal code, location, telephone number, fax number, and email. A dropdown menu for 'Art des Unternehmens' (Company Type) is open, showing options like 'GAS-Anlagenbetreiber', 'Stromlieferant', 'HKV-Händler', 'Netzbetreiber', 'Anlagenbevollmächtigter', 'Anlagenbetreiber', 'GAS-Anlagenbetreiber', 'GAS-Händler', 'GAS-Versorger', and 'GAS-Bilanzgruppenkoordinatoren'. The 'GAS-Anlagenbetreiber' option is selected. A 'wKBULR' logo is visible in the bottom left corner. The 'Zurück' (Back) and 'Registrieren' (Register) buttons are at the bottom.

Unternehmensdaten	Unternehmen registrieren	Benutzerdaten
* Firma Max Mustermann	Titel	
* Adresszeile 1 (Strasse / Nr.) Musterstrasse 5	* Vorname Max	
* PLZ 1100	* Nachname Mustermann	
* Ort Wien	* Strasse/Platz/Weg Musterstrasse 5	
Postfach	* PLZ 1100	
* Bundesland Wien	* Ort Wien	
Land Austria	* Telefonnummer 0664 9999999	
* Korrespondenzsprache Deutsch	Faxnummer	
Telefon	* e-mail max.mustermann@chello.at	
Fax		
Url		

Felder, die mit einem Stern (*) gekennzeichnet sind, müssen ausgefüllt werden.

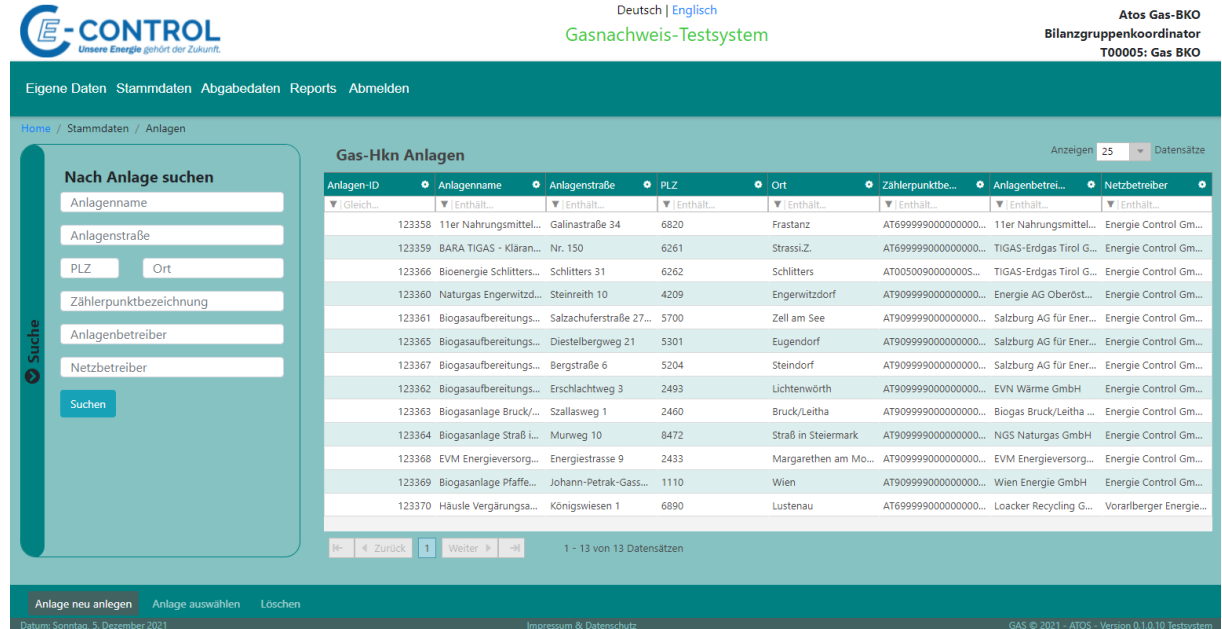
Nach der Registrierung erhalten Sie ein mail mit der Anmeldebestätigung. Nach erfolgreicher Überprüfung durch E-Control werden Sie im System freigeschaltet und erhalten via Post die Zugangsinformationen.

* Art des Unternehmens
GAS-Anlagenbetreiber
Stromlieferant
HKV-Händler
Netzbetreiber
Anlagenbevollmächtigter
Anlagenbetreiber
GAS-Anlagenbetreiber
GAS-Händler
GAS-Versorger
GAS-Bilanzgruppenkoordinatoren

Zurück Registrieren

Processes in the database

> Registration of plants



The screenshot displays the user interface of the E-Control Gasnachweis-Testsystem. At the top, there is a navigation bar with the E-Control logo, language options (Deutsch | Englisch), the system name (Gasnachweis-Testsystem), and user information (Atos Gas-BKO, Bilanzgruppenkoordinator, T00005: Gas BKO). Below the navigation bar, there are tabs for 'Eigene Daten', 'Stammdaten', 'Abgabedaten', 'Reports', and 'Abmelden'. The main content area is titled 'Gas-Hkn Anlagen' and features a search form on the left and a data table on the right. The search form includes fields for 'Anlagenname', 'Anlagenstraße', 'PLZ', 'Ort', 'Zählerpunktbezeichnung', 'Anlagenbetreiber', and 'Netzbetreiber', along with a 'Suchen' button. The data table lists 13 gas plants with columns for Anlagen-ID, Anlagenname, Anlagenstraße, PLZ, Ort, Zählerpunkte..., Anlagenbetrie..., and Netzbetreiber. The table is currently displaying 13 out of 13 Datensätze.

Anlagen-ID	Anlagenname	Anlagenstraße	PLZ	Ort	Zählerpunkte...	Anlagenbetrie...	Netzbetreiber
123358	11er Nahrungsmittel...	Galinastraße 34	6820	Frastanz	AT6999990000000000...	11er Nahrungsmittel...	Energie Control Gm...
123359	BARA TIGAS - Kläran...	Nr. 150	6261	Strass.Z.	AT6999990000000000...	TIGAS-Erdgas Tirol G...	Energie Control Gm...
123366	Bioenergie Schlitters...	Schlitters 31	6262	Schlitters	AT0050090000000000...	TIGAS-Erdgas Tirol G...	Energie Control Gm...
123360	Naturgas Engerwitzd...	Steinreith 10	4209	Engerwitzdorf	AT9099990000000000...	Energie AG Oberöst...	Energie Control Gm...
123361	Biogasaufbereitungs...	Salzachuferstraße 27...	5700	Zell am See	AT9099990000000000...	Salzburg AG für Ener...	Energie Control Gm...
123365	Biogasaufbereitungs...	Diestelbergweg 21	5301	Eugendorf	AT9099990000000000...	Salzburg AG für Ener...	Energie Control Gm...
123367	Biogasaufbereitungs...	Bergstraße 6	5204	Steindorf	AT9099990000000000...	Salzburg AG für Ener...	Energie Control Gm...
123362	Biogasaufbereitungs...	Erschlachtweg 3	2493	Lichtenwörth	AT9099990000000000...	EVN Wärme GmbH	Energie Control Gm...
123363	Biogasanlage Bruck/...	Szallaweg 1	2460	Bruck/Leitha	AT9099990000000000...	Biogas Bruck/Leitha ...	Energie Control Gm...
123364	Biogasanlage Straß l...	Murweg 10	8472	Straß in Steiermark	AT9099990000000000...	NGS Naturgas GmbH	Energie Control Gm...
123368	EVM Energieversorg...	Energiestrasse 9	2433	Margarethen am Mo...	AT9099990000000000...	EVM Energieversorg...	Energie Control Gm...
123369	Biogasanlage Pfaffe...	Johann-Petrak-Gass...	1110	Wien	AT9099990000000000...	Wien Energie GmbH	Energie Control Gm...
123370	Häusle Vergärungs...	Königswiesen 1	6890	Lustenau	AT6999990000000000...	Loacker Recycling G...	Vorarberger Energie...

Further processes in the database:

- Assigning specific Tech-Codes after certification by an approved auditor
- Issuing 'traditional' GOs
- Issuing certificates for a future renewable-gas-quota-system
- Issuing green certificates for off-grid renewable-gas
- Disclosure statement of gas suppliers

- Legislation in place
- Technical processes established
- GOs can be issued for



A) Fossil gas
A.1 Natural gas
A.2 Synthetic gas from natural gas
B) Renewable gas
B.1 Biomethane
B.1.1 Biomethane from biogas
B.1.1.1 Biomethane from biogas made from agricultural products
B.1.1.1.1 Residues
B.1.1.1.1.1 Animal manure
B.1.1.1.1.2 Straw
B.1.1.1.1.3 Other residues
B.1.1.1.2 Energy crops
B.1.1.2 Biomethane from biogas made from food industry residues
B.1.1.3 Biomethane from biogas made from residues separately collected from households, restaurants, industrial kitchens, etc.
B.1.1.4 Biomethane from biogas made from other biogenic residues
B.1.2 Biomethane from landfill gas
B.1.3 Biomethane from sewage treatment plant gas
B.1.4 Biomethane from wood gas
B.1.4.1 Biomethane from forest residues
B.1.4.2 Biomethane from sawmill by-products
B.1.4.3 Biomethane from waste wood
B.1.5 Biomethane from other sources
B.2 Hydrogen from renewable sources
B.2.1 Hydrogen from wind or solar power
B.2.2 Hydrogen from electricity based on other renewable sources (not B.2.1)
B.2.2 Hydrogen from other renewable sources
B.3 Synthetic gas from renewable sources
B.3.1 Synthetic gas from wind or solar power
B.3.2 Synthetic gas from electricity based on other renewable sources (not B.3.1)
B.3.2 Synthetic gas from other renewable sources
B.4 Other renewable gases (not specified)
C) Other gas
C.1 Decarbonised gas
C.2 Coke oven gas
C.3 Furnace gas
C.4 Hydrogen from other sources (not B.2)
C.4.1 Hydrogen from fossil fuels
C.4.2 Hydrogen from nuclear power
C.5 Synthetic gas from other sources (not B.3)
C.5.1 Synthetic gas from fossil fuels (not A)
C.5.2 Synthetic gas from nuclear power
C.6 Gas from other sources

- Registration of plants
- Registration of market participants
- Qualified auditors to confirm the use of raw materials
- Domain protocol for the electronic interface with the AIB HUB
- Work in international focus groups to set up standards for further classification

- AIB – Association of issuing bodies
- Working on the harmonization and standardization for energy carriers -European Energy Certificate System - "EECS"
- HUB for the international transfer of Gas
- E-Control allows transfers only via the AIB-HUB
- The aim (equivalent to electricity): all issuing bodies are member of AIB-HUB

- **1. Legislation - according to RED II 2018/2001 Art. 19 - in place**
- **2. Issuing body appointed by national law**
- **3. Only electronic GOs will be acknowledged**
- **4. Connected to the AIB HUB**

Country	Legislation in place	Issuing body
Austria	Yes	E-Control
Belgium Brussels	Yes	Brugel
Belgium Federal	-----	-----
Belgium - Flanders	Yes	VREG
Bulgaria	Ongoing process	Prospectively SEDA
Estonia	Yes	Elering
Finland	Yes	Gasgrid Finland
France	Ongoing process	Ongoing process
Germany	Ongoing process	-----
Greece	Ongoing process	Prospectively Dapeep
Italy	Ongoing process	GSE
Latvia	Ongoing process	Ongoing process
Lithuania	Ongoing process	Ongoing process
Luxembourg	Ongoing process	Ongoing process
Netherlands	Ongoing process	Vertogas
Portugal	Ongoing process	REN
Slovakia	Ongoing process	Ongoing process
Spain	Yes	Ongoing process
Sweden	Ongoing process	Prospectively EM
Switzerland	Ongoing process	Ongoing process

➤ Green gas certificate § 86

- for gas which is not injected into the grid and which is used in end consumption or in a material process. Please note though that these are not normal GOs and they can't be used for labeling.
- In case an obligatory green gas quota as described in § 87 comes into force Green gas certificates as well as “traditional” GOs require a

➤ Green gas seal § 85

- issued in case renewable gas is produced from renewable energy that is countable for the national renewable reference target of Austria in accordance with Article 3 (2) of Directive (EU) 2018/2001. If gas is produced from energy in the form of biomass fuels, it must also meet the sustainability requirements and the criteria for greenhouse gas savings in accordance with Section 6 (2) and (3).

- Limited Activities at the moment
- Ongoing registration
- Increased demand for international GOs
- Electronic Interface (HUB) yet to be installed for Gas GOs
- Importance of GOs as a tool to guarantee transparency

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**Thank you very much
for your attention**

