



REGATRACE

Renewable Gas Trade Centre in Europe

Target Workshop

Renewable Gas Registries and

harmonised European Biomethane Guarantees of Origin

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Milan, Italy
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Content



- Composition and Content of a European Biomethane Guarantee of Origin
- Guidelines for establishing a national Renewable Gas Registry



Report D2.1

Content and attributes of European Biomethane Guarantees of Origin



Definition of EBGO by REGATRACE

In the spirit of RED I and RED II, the term “European Biomethane Guarantee of Origin (EBGO)” is used in this report with the following meaning:

“EBGO is an electronic dataset including Europe-wide harmonised information and attributes related to a specified biomethane consignment.

EBGOs may have documents attached to them - like auditor’s reports, sustainability certificates, etc. – to confirm the information contained.

It shall be of the minimum standard size of 1 MWh.”

Content & Composition of an EBGO

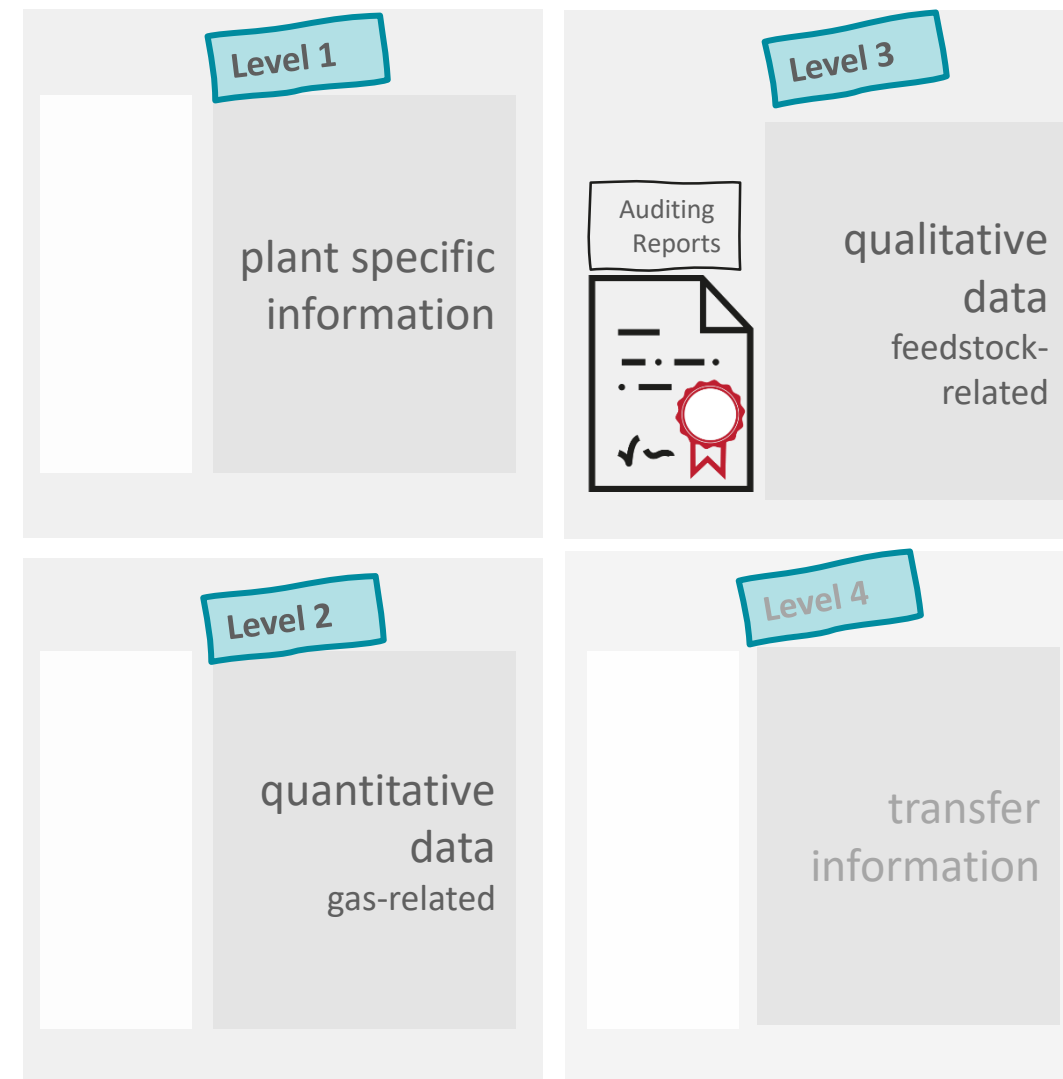


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The attribute list is the centrepiece of the Biomethane Certificate, providing all relevant information and data on the origin, quantity and quality of biomethane (renewable gas product).

- **Level 1 – plant specific information**
 - Information about the production plant
 - The facility at which the biomethane was produced (incl. commissioning)
 - Country, Injection point, plant type, etc.
- **Level 2 – quantitative data (gas-related)**
 - quantity / volume (metering/clearing data)
 - Specific to the issuing registry
- **Level 3 – qualitative data (feedstock-related)**
 - Externally audited data
 - Used/treated substrates incl. details on processing, quality, volume, emission mitigation, etc.
 - Sustainability criteria (REDcert, ISCC, TÜV)
- **Level 4 – transfer information (transfer-related)**
 - does NOT contribute information to the renewable gas product
 - to enable the (semi-)automated transfer IT-processes

Example Austria



WP3 Set-up of national Registries

Report D3.1

Guidelines for establishing national biomethane /renewable gas registries



REGATRACE TARGET

Establish national Renewable Gas Registry as one centralised clearing agency for renewable gases in each European country.

to cover

- All types of renewable gases
- All types of marketing pathways
- All types of documentation/proofs with flexible and comprehensive attribute lists

to provide

- Maximum trust and transparency
- Simplicity for market participants
- Reduced costs for market participants



WP3 Set-up of national GoO issuing bodies

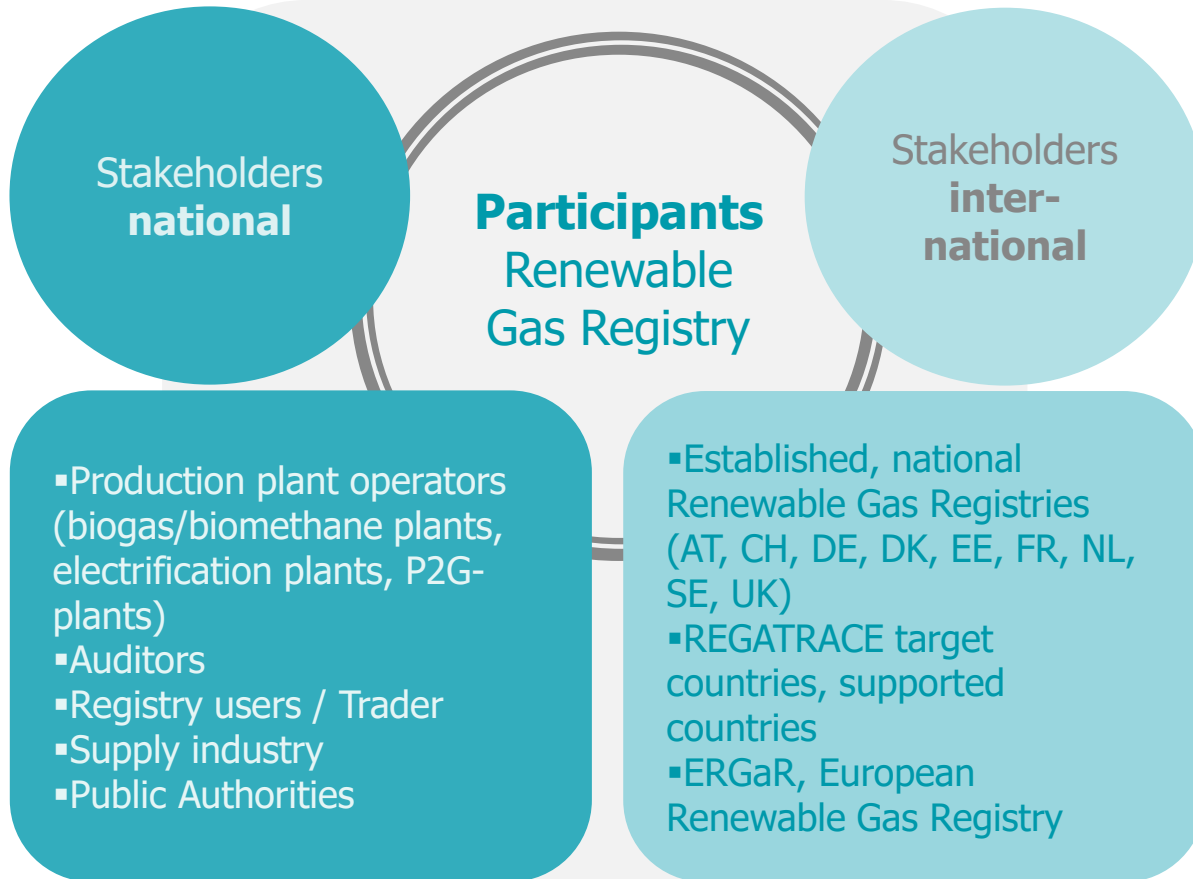


- Steps for the Set-Up of a Renewable Gas Registry
 - Stakeholder Analysis
 - Analysis of national and international standards
 - Analysis of market and policy drivers
 - Analyses of production potentials of synthetic and biomethane, hydrogen
 - Analysis of technical limitations on the direct injection of hydrogen
 - Governance
 - Organisational Structure
 - Financing and Fees
 - Business Processes (registration, change, deletion, reporting)



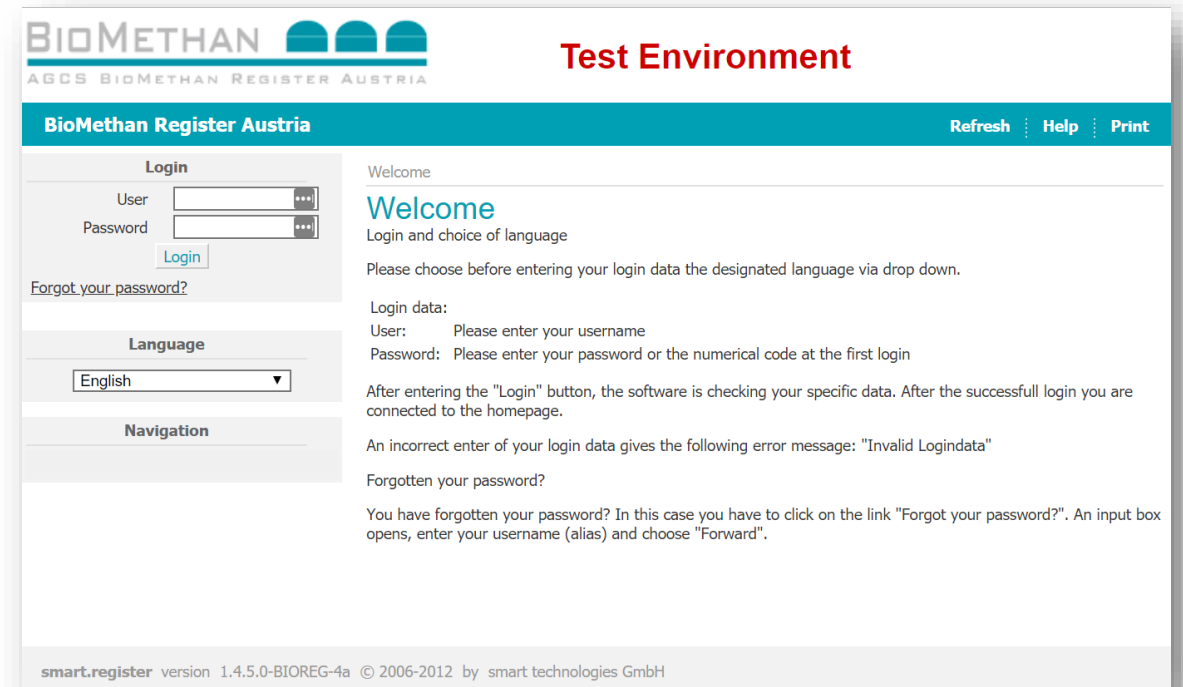
WP3 Set-up of national GoO issuing bodies

Stakeholder analysis set-up of master database



pilot IT-systems

in English language based on the Austrian application



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Login

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Welcome

Welcome

Login and choice of language

Please choose before entering your login data the designated language via drop down.

Login data:

User: Please enter your username

Password: Please enter your password or the numerical code at the first login

After entering the "Login" button, the software is checking your specific data. After the successful login you are connected to the homepage.

An incorrect enter of your login data gives the following error message: "Invalid Logindata"

Forgotten your password?

You have forgotten your password? In this case you have to click on the link "Forgot your password?". An input box opens, enter your username (alias) and choose "Forward".

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Thanks for your attention!

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