



# REGATRACE

Renewable Gas Trade Centre in Europe

November 2020



**REGATRACE (*REnewable GAs TRAdE Centre in Europe*)**  
projekti raames luuakse tõhus kauplemissüsteem, tuginedes  
biometaani ja taastuvatest energiaallikatest toodetud gaasi  
päritolutunnistuste (**Guarantees of Origin, GoO**)  
väljastamisele ja nendega kauplemisele. Päritolutunnistuste

## **kauplemissüsteem aitab kaasa Euroopa ühise biometaanituru tekkele.**

### **Uudised biometaanimaailmast**

#### **34. Madridi foorumi päevakorras olid olulisel kohal päritolutagatised ja sertifikaadid**

Euroopa 34. gaasituru reguleerijate foorumil (Madridi foorum) rõhutas Euroopa Komisjon vajadust luua tugev ja vastupidav taastuvatest energiaallikatest toodetud ja vähese CO<sub>2</sub>-heitega gaaside sertifitseerimise süsteem, et saavutada 2050. aastaks CO<sub>2</sub>-neutraalsus.

Taastuvatest energiaallikatest toodetud ja vähese CO<sub>2</sub>-heitega gaaside sertifikaadid pälvivad suurt tähelepanu pärast teadet taastuvenergia direktiivi (EL) 2018/2001 (REDII) uuesti sõnastamise kohta ning vesinikustrateegia ja energiasüsteemi integreerimise strateegia avaldamist ELi roheleppe raames. Mõlemas algatuses käsitletakse neid sertifikaate vahenditena vähese CO<sub>2</sub>-heitega ja taastuvatest energiaallikatest toodetud gaaside nõudluse suurendamiseks ja tugeva turu väljaarendamiseks.

Loe lähemalt [SIIT](#)

#### **Biometaani kui transpordikütuse täieliku potentsiaali tunnistamine**

Alates 2010. aastast tehtud uuringud alternatiivkütuste kohta, sealhulgas ELi Teadusuuringute Ühiskeskuse aruanded, näitavad, et biometaani abil võib transpordisektoris saavutada isegi CO<sub>2</sub>-heite negatiivse taseme. See taastuvkütus on kergesti kättesaadav ja skaleeritav ning aitab säilitada ELis tugevat autotööstust. Nüüd on ülioluline kasutada ära biometaani väärtuslikku potentsiaali võrdsetel alustel elektrilise liikuvusega, et tagada CO<sub>2</sub>-heite äärmiselt vajalik vähenemine ELi transpordisektoris.

Loe lähemalt [SIIT](#)

## REGATRACE projekti uudised

### **Eeluuring jõudis lõpule: IT-süsteemide lahendused biometaani/taastuvatest energiaallikatest toodetud gaasi omandiõiguse üleeuroopaliseks piiriüleseks üleandmiseks**

Projektikonsortsium REGATRACE viis lõpule eeluuringu IT-süsteemide lahenduste kohta biometaani/taastuvatest energiaallikatest toodetud gaasi sertifikaatide omandiõiguse piiriüleseks üleandmiseks Euroopas, mis on praegu Euroopa Komisjonis läbivaatamisel.

Omandiõiguse üleeuroopalise üleandmise lahenduste aluseks on riiklike organisatsioonide, näiteks riiklike biometaani/taastuvatest energiaallikatest toodetud gaasi registrite, sertifikaate väljastavate asutuste ja biokütuste registrite/andmebaaside IT-süsteemid. Need ei kavandata mitte ainult riiklike turgude jälgimiseks, vaid ka Euroopa turu loomiseks. Selleks ühendatakse need üleeuroopalise IT-lahendusega, mille aluseks on Euroopa skeem.

Loe lähemalt [SIIT](#)

### **IT-teenuste hankemenetluse suunised**

Selleks, et leida taastuvatest energiaallikatest toodetud gaasiga kauplemise platvormi jaoks konkreetsete IT-teenuste hankimiseks parim võimalik IT-teenuse pakkuja, tuleks läbi viia avatud, selge, struktureeritud ja pettusi välistav hankemenetlus, mis tagab paljude eri pakujate läbipaistva konkurentsi. REGATRACE'i aruanne D2.5 sisaldab suunised ja käsitleb hankemenetluse korraldamist, samuti võimalikke pakkujaid, keda võiks hankesse kaasata.

Loe lähemalt [SIIT](#)

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**Biometaan Eestis**

# Biometaani tootmine – loodushoidliku praktilise ringmajanduse näide

CNG-kütuste ja biometaani tarvituse on nii maailmas kui ka Eestis üha enam hoogustunud. Praeguseks tegutseb Eestis neli biometaani tootmise jaama: esmalt hakkasid 2018. aastal biometaani tootma Kundas asuv OÜ Rohegaas reoveesetest ja Viljandimaal Koksvere külas paiknev OÜ Biometaan, mis saab tooraine sõnnikust ja biomassist. Sel suvel lisandusid OÜ Vinni Biogaas ja OÜ Tartu Biogaas. Mõlemas jaamas toodetakse biometaani loomsest sõnnikust, biojätmetest ja toiduainetööstuse jääkidest.

Loe lähemalt [SIIT](#) (artikkel avaldati Eesti Looduse oktoobrikuises ajakirjas)

## REGATRACE projekti riigid

### AUSTRIA

#### **Draft version of the Austrian Renewable Expansion Law leaves biomethane market in unclarity**

At the beginning of the year, the Austrian federal government has endorsed the target of reaching climate neutrality in Austria by 2040. The recently published draft law on the market uptake and expansion of renewables (EAG, Erneuerbare-Ausbau-Gesetz) shall set the legislative framework for achieving this target. Not only does the extensive draft law introduce a new law on the expansion of renewables (EAG) but also proposes amendments in eight further national legislation pieces.

***Read more here***

### ITALY

#### **First production of Bio LNG in Italy at the Lucra 96 company, Lodi, Lombardia region**

Lucra 96 will produce around 1.400 t bioLNG/y using the Organic fraction of Municipal Solid Waste mixed with pig slurry. The plant is the result of close collaboration between the companies of the SIAD Group: Tecno Project Industriale has developed

the Upgrading unit (membrane), SIAD MACCHINE IMPIANTI has designed and produced the Liquefier and SIAD S.p.A. manages the supply of liquid Nitrogen for the liquefaction of Biomethane.

*[Read more here](#)*

## **GERMANY**

### **German airport gets climate-friendly passenger bus**

Munich Airport has put a biomethane bus into operation as part of a pilot project. The "CMF Drive" drive concept used and patented by CM Fluids combines the advantages of a combustion engine with the benefits of an electric drive. The passenger bus is fuelled with bio-LNG, which drives a motor. The energy generated in this way is temporarily stored in a small buffer battery that supplies the bus's electric drive axle with electricity.

*[Read more here](#)*

### **Rolande opens new generation of LNG/CNG filling stations**

Rolande, a market leader in building infrastructures for LNG and bio-LNG for trucks in the Netherlands, has opened the first of five CNG and LNG filling stations in Ulm, Germany. The plant is a 24/7 self-serve petrol station with two LNG pumps and two CNG pumps with capacities guaranteeing "swift fuelling" without long waiting times. The station has a daily capacity for up to 150 vehicles and large driveways designed for heavy-duty trucks. Before the end of this year, the company will open new LNG locations with partners in Dortmund, Duisburg, Grasdorf, Lübeck and Ziesar. A further expansion of the network is planned in Germany for 2021.

*[Read more here](#)*

## **SPAIN**

### **The Ministry for Ecologic Transition and Demographic Challenge (MITECO) includes changes to the new regulation for financing investments in thermal facilities with renewable sources**

The "Order of Regulatory Basis for Investment Aids in Thermal Installations with Renewable Sources" published by MITECO has incorporated aspects that AEBIG suggested in its allegations and which represent an advance in the recognition of the positive impact of biomethane projects in "Just Transition Areas".

*[Read more here](#)*

## **REGATRACE and ECO-GATE committed in developing a system of certificates for renewable gases in Spain**

RETEMA, a Spanish environmental magazine published an article on the REGATRACE and the ECO-GATE projects, in which explains how the renewable gas from Butarque's water waste treatment plant has been the first ever to be injected to the gas grid in Spain.

*[Read more here](#)*

## **POLAND**

### **A letter of intent was signed for the development of the biogas and biomethane sector in Poland**

During the 3rd International Conference of Biogas and Biomethane Producers "Green Gas Poland 2020" organized by UPEBI at the beginning of October this year, the Government Plenipotentiary for RES, Ireneusz Zyska, announced the signing of the "Letter of Intent to establish a partnership for the development of the biogas and biomethane sector and the conclusion of a sectoral agreement". The document was signed at the Ministry of Climate and Environment on the 13th of October, and its signatories included, apart from UPEBI, PGNiG, ORLEN, PSG and GAZ-SYSTEM.

*[Read more here](#)*

### **The first participatory REGATRACE workshop in Poland**

On 2<sup>nd</sup> October UPEBI organized the first participatory REGATRACE workshop at Hotel Boss in Warsaw. It was the first direct meeting after the online webinar "Biomethane in Poland - development opportunities" in June aimed at elaboration of a national strategy for the development of the biomethane sector that would combine the needs and visions of various stakeholders.

*[Read more here](#)*

## **BELGIUM**

### **First injection of green gas into the Walloon network**

The first site in Wallonia for the injection of biomethane into the gas network is now operational. This is a major step forward that not only contributes to Wallonia's energy transition process, but also to the construction of a new model for the circular economy.

On 7th October in Fleurus, Ministers Philippe Henry (Climate, Energy and Mobility) and Willy Borsus (Economy, Foreign Trade, Research and Innovation, Digital, Spatial

Planning, Agriculture, IFAPME and Centres of Expertise) inaugurated the first injection site in Wallonia of gas produced from renewable sources into the gas distribution network.

*[Read more here](#)*

### **Decreasing investment support for biomethane from the Flemish government**

For 2020 the Flemish government had already decreased the investment support for biomethane plants from 1 mio€ per year to 250 K€.

In the first call of 2020 one biomethane project has received support for an amount of 108 K€.

*[Read more here](#)*

## **LITHUANIA**

### **37 million EUR from the Climate Change Program for energy, transport and agriculture**

In order to reduce greenhouse gas emissions, EUR 37 million are allocated from the Climate Change Program for the energy, transport and agriculture sectors.

15 million EUR are allocated to purchase vehicles using electricity, compressed or liquefied natural gas, biomethane or hydrogen. The subsidy reaches up to 40% and it is dedicated to businesses that are involved with passenger transport, utilities services, commercial or logistics services and that are developing alternative fuel infrastructure.

*[Read more here](#)*

## **ROMANIA**

### **State aid of 150 million euros approved for Romania by the European Commission for investments in the transition from fossil fuels to heating systems based on renewable sources**

In order to unlock the potential of district heating systems to contribute to the transition to a climate-neutral economy, the Investment Plan has given Member States more flexibility in providing support for heat production, in accordance with EU state aid rules.

The European Commission has approved Romania's request to provide public

support worth up to 750 million lei (150 million euros) for the construction and / or modernization of several thermal energy production facilities and distribution networks.

*[Read more here](#)*

## **IRELAND**

### **Irish Green Gas Registry**

Ireland has now launched a Renewable Gas Registry which has issued the first Renewable Gas Certificates for grid injected biomethane. This Registry is being operated by Gas Networks Ireland, the gas grid operator, on a voluntary basis. The Irish Government are expected to appoint Gas Networks Ireland as the official Issuing Body imminently.

*[Read more here](#)*



# REGATRACE projekti liikmed

ISI/NOVA



AIB  
association of issuing bodies



elering



Projekti rahastas toetuslepingu nr 857796 alusel Euroopa Liidu teadusuuringute ja innovatsiooni programm „Horisont 2020“.

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