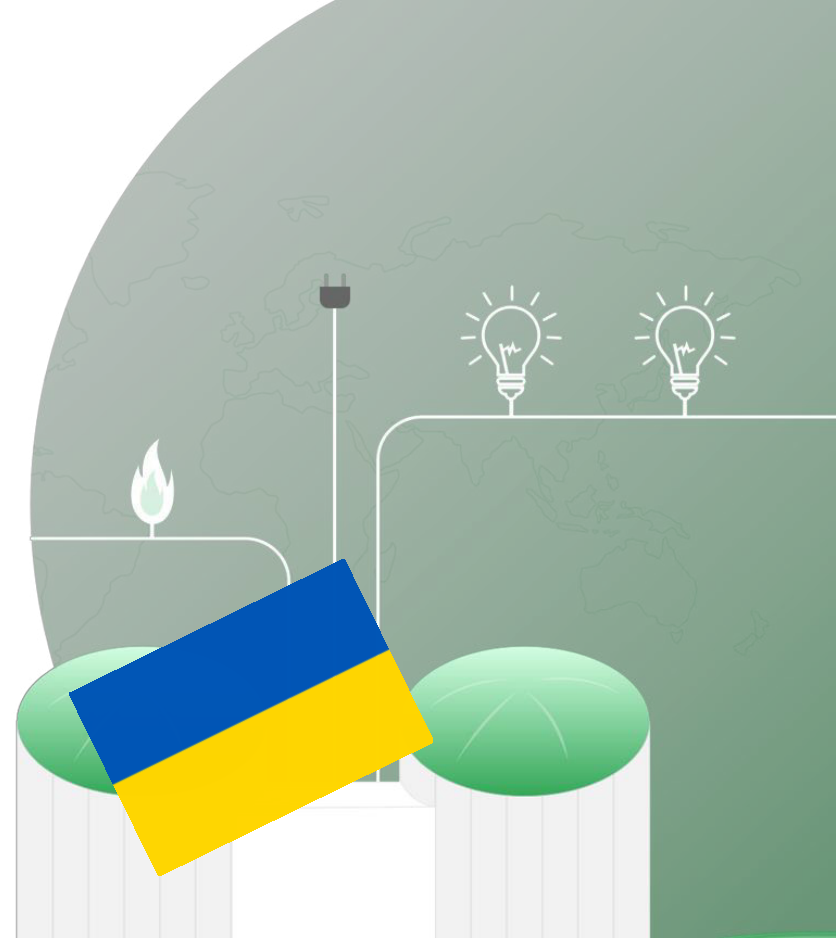


# DiBiCoo

## Digital global Biogas Cooperation

**BIOFIT virtual Business Mission to Ukraine**

Dominik Rutz, Rainer Janssen



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 857804. The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the EU.



**Digital global  
Biogas  
Cooperation**

# Programme, Coordination, Funding

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- The project has received funding from the **EU's Horizon 2020** research and innovation programme under grant agreement No 857804.
- October **2019** – June **2022**
- Consortium: **13 organisations** from 5 target countries and Europe: biogas associations and think tanks on renewable energy
- DiBiCoo is **coordinated** by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).



# Key Project Facts

## Consortium



# DiBiCoo Project Objective

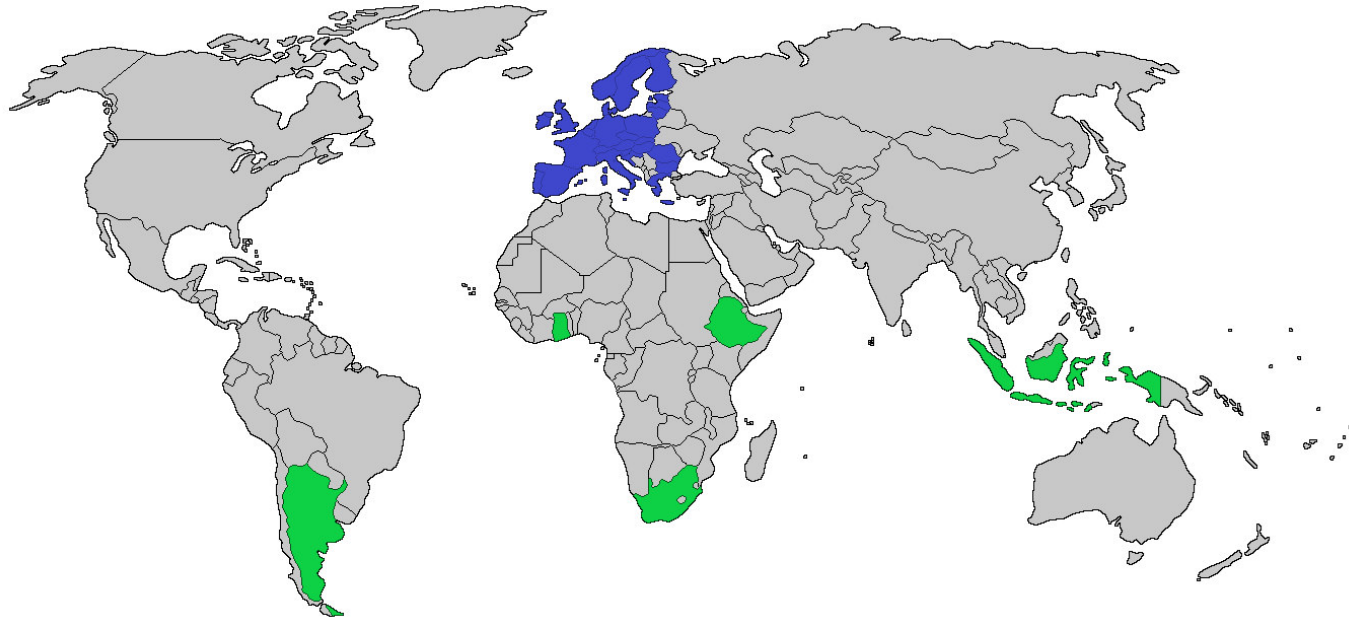
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DiBiCoo is a cooperation project between biogas technology exporting and importing countries, with the overall objective **to prepare markets in developing and emerging countries for the uptake of sustainable biogas/biomethane technologies from Europe.**



## Key Project Facts

# Technology Importing and Exporting Countries



European Biogas  
Industry Scope

DiBiCoo target  
countries



Indonesia



Argentina



Ethiopia



Ghana



South Africa



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# DiBiCoo: a two-way collaboration project



Who participates?

**Stakeholders**  
European biogas industry: manufacturers, technology developers, equipment suppliers, project developers

**Key challenges**  
Decreasing market opportunities for new biogas projects



**Stakeholders**  
Project developers, Agri- and Agro-Industrial, Energy Decision makers, Governments in Argentina, India, Ghana, Indonesia, Kenya, South Africa

**Key challenges**  
Supplying renewable energy & managing bio-waste

*Other countries, e.g. like Ukraine*

What is DiBiCoo about?

We work & act together to facilitate the introduction of biogas technologies & increase the share of RE

How to achieve DiBiCoo's goals?



Info Exchange



Cooperation



Digital Platform



Demo Cases



Policy



Digital global Biogas Cooperation



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# Biogas and Gasification Matchmaking Plattform

[www.biogasplatform.eu](http://www.biogasplatform.eu)



# Biogas & Gasification Matchmaking Platform

= online and **free** platform which facilitates **worldwide networking** and is considered as an **additional marketing option** for EU companies and for stakeholders in countries of the global south to get in contact and connect with each other

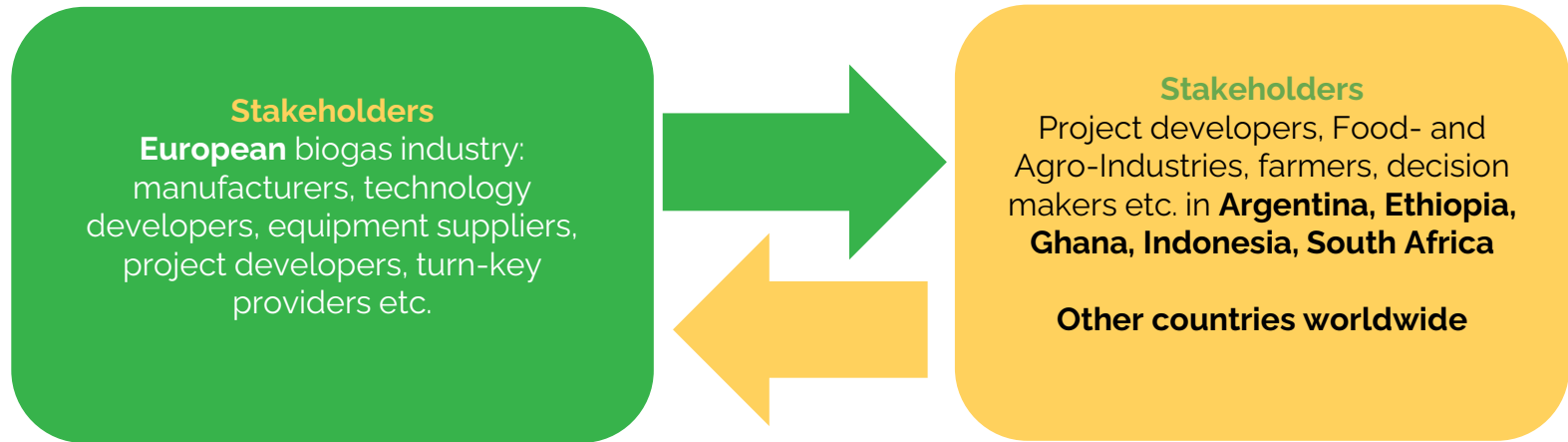
- **Database** of biogas and gasification related stakeholders from EU and non-EU companies
- **B2B Matchmaking** feature
- **Marketplace** to promote business opportunities
- **Information hub** on available biogas and gasification technologies and services







# Biogas & Gasification Matchmaking Platform





# Biogas and Gasification Matchmaking Platform

The only matchmaking platform for biogas and gasification you ever need.

Join platform for free!

## Company profiles

Leading stakeholders in the biogas and gasification sectors



Explore profiles of the world leading companies and entrepreneurs in the biogas and gasification sector. Browse companies by categories or view them on the global map. Find an appropriate partner to bring your ideas to life!

## Business opportunities

Counterparties presenting their needs and looking for business cooperation



Become a participant of a dynamic and evolving marketplace for making business deals. Build collaboration with various experienced biogas solution providers by selecting one of the existing or posting your own request for a biogas solution, service or project idea.

## Knowledge base

Biogas and gasification related information sources and factsheets



Are you new to a biogas sector? Get insight into the biogas sector by reading our selected list of relevant literature sources. Developed factsheets are created to summarise basic elements of the biogas plants and present this information in an easy to understand way.



# The Biogas and Gasification Matchmaking Platform in a nutshell:

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- register for free as a user
- create a profile for your company
- explore the company database and find suitable business partners around the world
- upload a business opportunity / business idea

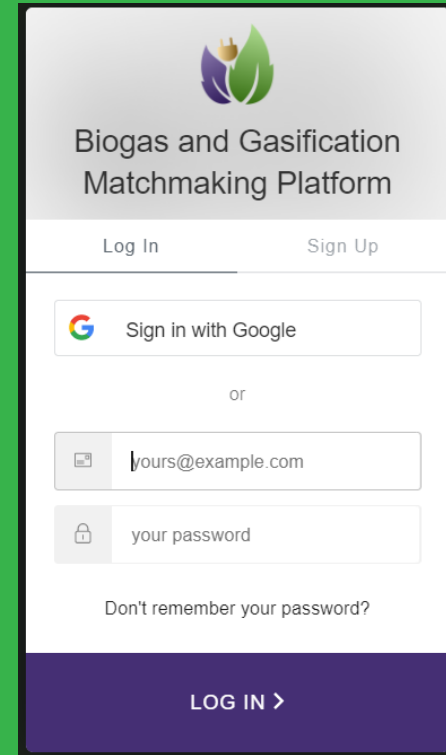




# Visit our platform and register as user!

## Biogas and Gasification Matchmaking Platform

([www.biogasplatform.eu](http://www.biogasplatform.eu))



The screenshot shows the login interface for the Biogas and Gasification Matchmaking Platform. At the top, there is a logo consisting of a green leaf and a yellow flame. Below the logo, the text reads "Biogas and Gasification Matchmaking Platform". There are two buttons: "Log In" and "Sign Up". Below these buttons is a "Sign in with Google" button with the Google logo. Underneath is the word "or". There are two input fields: one for an email address (containing "yours@example.com") and one for a password (containing "your password"). Below the password field is a link that says "Don't remember your password?". At the bottom of the form is a large purple button with the text "LOG IN >".



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# Other DiBiCoo activities

# DiBiCoo Demo Cases

## Biogas Utilization

Gas upgrading

## Feedstock

Wastewater

Organic municipal waste

## Electricity production (est.)

1.1 mio. m<sup>3</sup> bio-methane per year

## Operation

Local micro gas grid injection



**Demo Case in  
South Africa**

- More information on the demo cases on the DiBiCoo website
- Find request for collaboration on **the Biogas and Gasification Matchmaking Platform!**



## Biogas Utilization

Combined Heat-Power

### Feedstock

Thin stillage  
Organic fraction of municipal  
solid waste

### Electricity production (est.)

17 GWh per year

### Operation

Public grid injection



**Demo Case in  
Argentina**

## Biogas Utilization

Combined Heat-Power

### Feedstock

Water hyacinth  
Manure

### Electricity production (est.)

13 GWh per year

### Operation

Grid injection



Photo taken by Nega Tassie

**Demo Case in  
Ethiopia**



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**Biogas Utilization**  
Combined Heat-Power

**Feedstock**  
Palm oil mill residues

**2Electricity production (est.)**  
24 GWh per year

**Operation**  
Self Consumption



**Demo Case in  
Indonesia**

**Biogas Utilization**  
Combined Heat-Power

**Feedstock**  
Organic household waste  
Faecal sludge and septage

**2Electricity production (est.)**  
24 GWh per year

**Operation**  
Public grid injection



**Demo Case in  
Ghana**



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# Capacity Building and Networking

- **Matchmaking Events** to bring exporters and importers together
- **Study Tours** (to Europe and partner countries) for business delegations
- Capacity Building **Training Courses** on biogas project development
- **Business Design Trainings**
- **Web Seminar Series**



 Digital global Biogas Cooperation

**Web Seminar 006** 

**BIO METHANE (CNG & LNG) AND WASTE TREATMENT**

  
**Alexey Mozgovoy**  
Fachverband Biogas e.V./FVBI

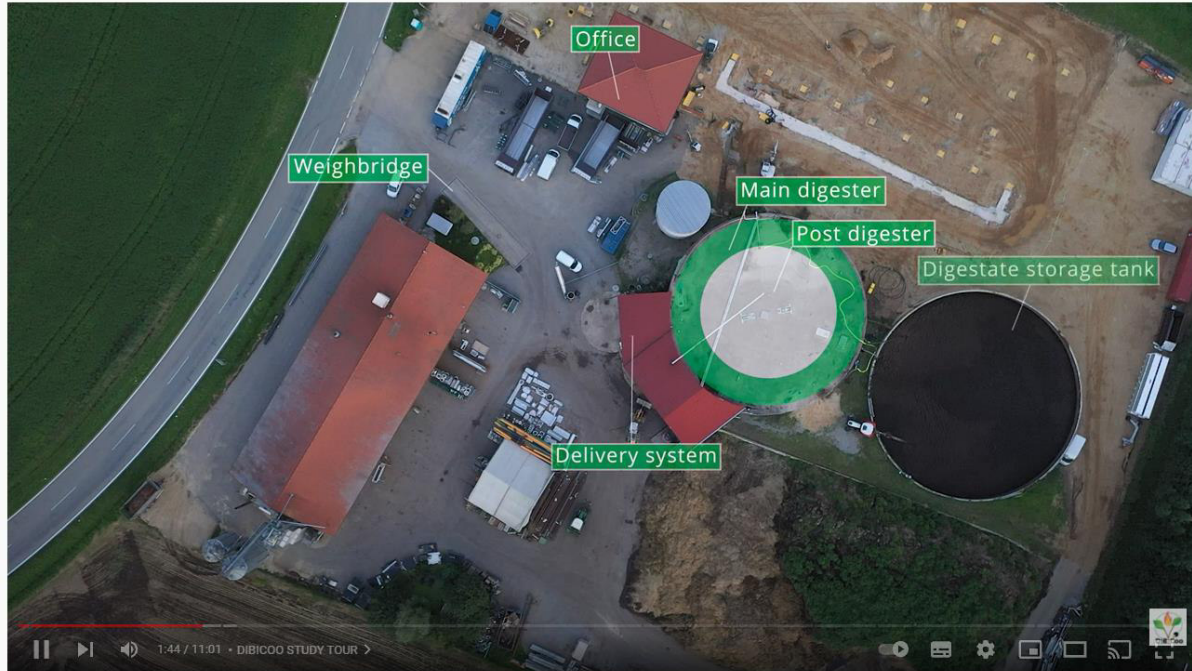
  
**Ing. Nicolas Marinelli**  
Techored Energia

  
**Marion Melix**  
Chargée de Mission Digestats at ATEE Club Biogas

Our 6th Web Seminar Series focuses on two important aspects: Biomethane & Waste treatment. We will start with an introduction on biomethane and its use as CNG or LNG from a European perspective. This will be followed by practical lessons presentation of bio methane production and use in Argentina. The second section discusses 'biowaste to biogas' technologies. Register to hear from our global intellectuals and partners of DIBiCoo.

 [www.dibicoo.org](http://www.dibicoo.org) <https://bit.ly/3nfPcMP> January 14, 2021 1:00 PM – 2:45 PM, CET

# DiBiCoo Virtual Study Tour



DiBiCoo virtual study tour biogas plant Utzenaich EN

76 Aufrufe • 01.10.2021

6 0 TEILEN SPEICHERN

ABONNIEREN



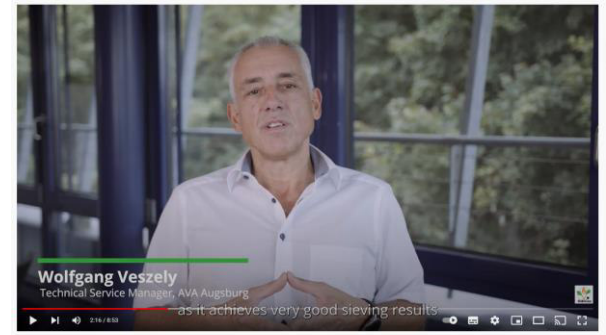
oo virtual study tour biogas plant Bruck an der Leitha DE

Brufe • 23.09.2021

TEILEN SPEICHERN

DiBiCoo  
84 Abonnenten

ABONNIEREN



DiBiCoo virtual study tour biogas plant Augsburg EN 1

114 Aufrufe • 01.10.2021

TEILEN SPEICHERN

DiBiCoo  
84 Abonnenten

ABONNIEREN



# Upcoming

- **18 November 13:30**

Virtual study tour: Gasification examples in Austria

<https://dibicoo.org/2nd-dibicoo-virtual-study-tour-biomass-gasification/>

- **23 November 2021 12:30**

Virtual Workshop & Matchmaking Event on the occasion of the “Biogas Convention”



# If you are interested to join, please contact us!



[www.dibicoo.org](http://www.dibicoo.org)



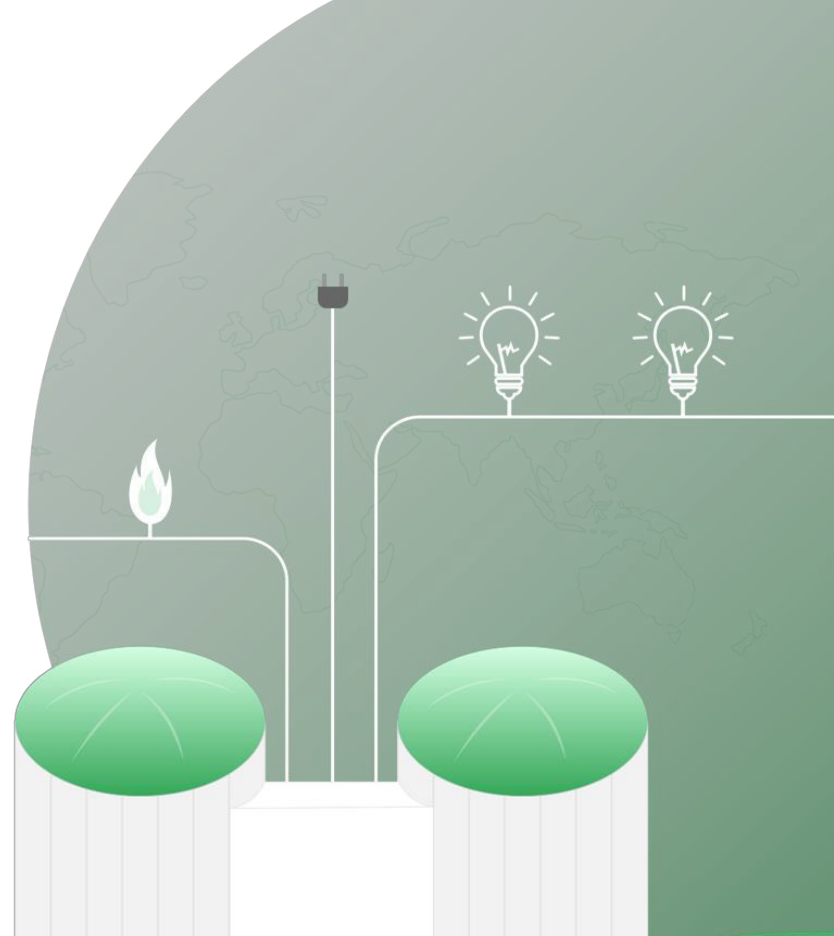
[facebook.com/dibicoo](https://facebook.com/dibicoo)



[@dibicoo\\_eu](https://twitter.com/dibicoo_eu)



[Dominik.rutz@wip-munich.de](mailto:Dominik.rutz@wip-munich.de)



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Cooperation**