



Presentation of the DiBiCoo projects

Author: Chuan Ma, Dominik Rutz (WIP)

Date: 29.06.2022

Deliverable: D7.6

DiBiCoo – Digital Global Biogas Cooperation

Grant Agreement N°857804

Inhalt

Executive Summary	2
1. Introduction	3
1.1 DiBiCoo project	3
1.2 Objectives of this document	3
2. List of Presentations	4
3. Assessment of Impact	12
4. Annex 1: Standard Presentation Template	13
5. DiBiCoo Consortium Partners	14

Executive Summary

The purpose of this deliverable is to describe the consortium's presentations at national and international conferences under T7.5.

To increase the impact made by the DiBiCoo project, the goal of T7.5 is to communicate and disseminate all project findings at the local, regional, national, European, and international levels. This will guarantee sustainable future market growth for biogas in Argentina, Ethiopia, Ghana, Indonesia, and South Africa, as well as present opportunities for export for European stakeholders. Therefore, the DiBiCoo project and its (interim) results were presented at conferences or workshops of various national or European networks or programs encouraging the production and use of woody bioenergy and biogas, as agreed upon by all consortium members.

In total, 34 presentations were made by the consortium, reaching out at least 8200 recipients. Twelve presentations were at national/regional level, twenty-two were at international level. The events spanned across 12 cities worldwide and addressed a wide variety of stakeholders, such as biogas technology developers, biogas technology providers, biogas companies, biogas associations, policy makers, renewable energy industry and researchers etc.

As the consortium contributed more than what was initially anticipated, communication of the DiBiCoo project events during the previous three years can be viewed as suitable.

1. Introduction

1.1 DiBiCoo project

The **Digital Global Biogas Cooperation (DiBiCoo)** project is part of the EU's Horizon 2020 Societal Challenge 'Secure, clean and efficient energy', under the call 'Market Uptake Support'. The target importing emerging and developing countries are Argentina, Ethiopia, Ghana, South Africa, and Indonesia. Additionally, the project involves partners from Germany, Austria, Belgium, and Latvia. The project started in October 2019 with a 33 months-timeline and a budget of 3 million Euros. It is implemented by the consortium and coordinated by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

The overall objective of the project is to prepare markets in developing and emerging countries for the import of sustainable biogas/biomethane technologies from Europe. DiBiCoo aims to mutually benefit importing and exporting countries through facilitating dialogue between European biogas industries and biogas stakeholders or developers from emerging and developing markets. The consortium works to advance knowledge transfer and experience sharing to improve local policies that allow increased market uptake by target countries. This will be facilitated through a digital matchmaking platform and classical capacity development mechanisms for improved networking, information sharing, and technical/financial competences. Furthermore, DiBiCoo will identify five demo cases up to investment stages in the 5 importing countries. Thus, the project will help mitigate GHG emissions and increase the share of global renewable energy generation. The project also contributes to the UN Sustainable Development Goals (SDG 7) for 'Affordable and clean energy', among others.

Further information can be found on the DiBiCoo website: www.dibicoo.org

1.2 Objectives of this document

This document gives an overview of the presentations made by the DiBiCoo consortium during the 3 years journey of the project.

To increase the impact made by the DiBiCoo project, the goal of T7.5 is to communicate and disseminate all project findings at the local, regional, national, European, and international levels. This will guarantee sustainable future market growth for biogas in Argentina, Ethiopia, Ghana, Indonesia, and South Africa, as well as present opportunities for export for European stakeholders.

The DiBiCoo project and its (interim) results were presented at conferences or workshops of various national, European or global networks or programs encouraging the production and use of woody bioenergy and biogas, as agreed upon by all consortium members (26 presentations are expected in GA). For this purpose, WIP created a standard presentation (Annex 1) for all partners which they can independently adapt and modify for the presentation's unique purpose).

In the scope of the project 34 presentations were made by the consortium, and at least over 8200 relevant event attendants were addressed across the whole world.

2. List of Presentations

The events are presented in chronological order.

Date	Location	Partner	Title of Event	Range	Website	Number of Participants	Target Groups	Description
1 2 -13 Decem- ber 2019	Spain	ISEES	COP25 - United Nations Climate Change Conference	Global	https://twitter.com/lseesGhana/status/1211173430172823552?s=20&t=ndr5dh57Dwx29pIXx-U0cA https://ecovillage.org/gen-cop25-african-countries-development/	20	Climate Change and Ecovillage Champions	Oral presentation about the Dibicoo project
2 23 Januar y 2020	Graz, Austria	WIP	6 th Central European Biomass Conference 2020	European	https://www.cebc.at/oesterreichischer_biomasse-verband/6_mitteeuropaeische_biomassekonferenz_cebc_2020/programm.html	20	Austrian and German Biogas stakeholders	Oral presentation about the DiBiCoo project
3 18 May 2020	Virtual	INTA	World Biogas Association: Biogas e festival	Global	https://www.worldbiogasassociation.org/world-biogas-e-festival-a-virtual-conference/	150	Biogas technology providers. Consultants and developpers general public	Session on Emerging Latin American biogas markets
4 23 June 2020	Virtual	INTA	Contributing to the Biogas Market in Indonesia: Best Practices in the Country and Partnering with the European Biogas Industry	National	https://www.youtube.com/watch?v=n7ZeP3ID0O8	630 views on YouTube	Worldwide, mostly Indonesian stakeholders: Researchers, biogas producers and technology developers, investors, sustainability consultants, biogas users, policymakers, biogas associations, journalists, civil society organisations and public.	The main aim of this webinar-under DiBiCoo's banner- was to further promote our project in Indonesia and to attract more local stakeholders to register into DiBiCoo as demo case/follower case candidates.
5 7 July 2020	Virtual	WIP	28 th European Biomass Conference and Exhibition 2020	Global	https://www.eubce.com/	50	Global biogas sector	Poster presentation about the DiBiCoo project
6 26 August 2020	Virtual	INTA	World Biogas Association: Ask WBA - Biogas trends and case studies	Global	https://www.worldbiogasassociation.org/web-seminar-biogas-trends-and-case-studies	48	Biogas technology providers, Consultants and developers general public	Plants in Argentina and life cycle assessments' findings. Report based on Dibicoo tech visits
7 5 Octobe r 2020	Tema, Ghana	ISEES	Ghana Biogas Association - Stakeholder Workshop on Conversion of Septic	National	https://twitter.com/lseesGhana/status/1210006139267690496?s=20&t=ndr5dh57Dwx29pIXx-U0cA	40	Biogas technology providers, consultants, installers	Oral presentation and introduction to the DiBiCoo project, its benefits, and

				Tanks to Biodigesters, Business Sector Advocacy Challenge Fund Program		https://iseesghana.org/isees-busac-trains-biogas-association-practitioners-in-design-principles-in-biogas-construction/			opportunities for members to explore the demo cases
8	16 – 17 November 2020	Virtual	RDI	International Seminar on Chemical Engineering Soehadi Reksowardojo (STKSR 2020)	Global	https://stksr.che.itb.ac.id/about-stksr-2022/	Over 1000 participants	Scholars and practitioners in Bioenergy	STKSR is an annual seminar held by the Department of Chemical Engineering Institut Teknologi Bandung (ITB). STKSR 2020 held by virtual conference, starting from November 16th to November 17th, 2020. Bringing forward the theme “Circular Economy for a Better World”, RDI presented “The potential of Biogas in Energy Transition in Indonesia”.
9	15 April 2021	Virtual	GIZ	BRC FO7 – Knowledge Exchange: International Biogas Business Development	Global	N/A	N/A	Researchers, biogas companies and biogas associations interested in international business development and the export of biogas technology and knowledge	A knowledge exchange seminar on international biogas business development arranged by the Biogas Research Center (BRC FO7) and the DiBiCoo project consortium. The seminar will include researchers, biogas companies and biogas associations interested in international business development and the export of biogas technology and knowledge. Confirmed speakers will share experiences on the biogas market development in Europe in general together with specific examples from Argentina and Sweden.
10	26 - 29 April 2021	Virtual	WIP	The 29th European Biomass Conference and Exhibition 2021	Global	https://www.eubce.com/eubce-2021/	50	Global biogas sector	Poster presentation about DiBiCoo project by Felix Colmorgen
11	26 - 29 May 2021	Virtual	RDI	Kick-off Meeting for Sustainable Biogas Roadmap Development with MEMR	Global	https://www.eubce.com/why-attend/29th-european-biomass-conference-exhibition/	N/A	Scientists and Research in the whole field of the Biomass, Bioenergy & Bioeconomy	The RDI Team contributed to the 29th European Biomass Conference & Exhibition. The research was carried out under the DiBiCoo project, with the theme “Indonesia Biogas Market: An Opportunity together with the B100 Program”. The first presentation explained that

									Indonesia as the world's largest producer, exporter, and consumer of palm oil has triggered the Indonesian government to set a national target for new and renewable energy through the mandatory biodiesel blend program or the B100 program.
1 2	5 Februa- ry 2021	Virtual	LLU	Biosystems Engineering conference	Global	https://bse.emu.ee/event/bse-2021-fully-in-virtual-platorm/	60	Researchers, policy makers	Initially planned in Estonia, but held Online
1 3	22 June 2021	Virtual	EBA	Match-Making Event EU-Brazil: Make your own Green Deal	National	https://live.eventtia.com/en/lowcarbonmatchmakingbrazil	Approx. 100	Medium/ Large Brazilian Companies looking for biogas, biomass, biomethane and solar energy technology solutions, European Greentech providers	EBA presented European biogas technologies and the DiBiCoo project during a match-making event EU-Brazil.
1 4	29 June 2021	Virtual, Africa	Green Cape	Local Stakeholder Workshop - On the Enlit Africa Connect platform	National	https://app.swapcard.com/event/enlit-africa	90	Government, private sector, financiers	Part of the Enlit Africa 2021 virtual connect program, DiBiCoo was afforded the opportunity to disseminate and present its findings on the market and framework analysis for RSA biogas industry
1 5	28 -29 July 2021	Virtual, Africa	Green Cape	Capacity building Training Workshop - 2nd event of three virtual events planned for the 2021 SABIA National Biogas Conference Program	National	https://eventmobi.com/finance-biogas/	74	Primarily financing institutions and investors interested in entering and growing their presence within the biogas market. Secondary audience would be biogas project developers keen to gain a better understanding on how to de-risk the development and implementation of their project for financing.	SABIA hosted a series of virtual events for the 2021 SABIA National Biogas Conference Program. The DiBiCoo project was afforded the opportunity to conduct a capacity building workshop as part of the 2 nd event of the three events. The theme of this event was risk mitigation of the biogas business case within South Africa.
1 6	5 Octobe r 2021	Virtual	RDI	Bioshare Webinar Series#4 Agro-industrial Waste	National	https://youtu.be/yjwKqSTPbFM	Over 600 participants	Ministries/related government organizations, scholars, and practitioners in Bioenergy	To encourage the optimization of bioenergy utilization, this webinar has facilitated the development of bioenergy, particularly bioenergy from agro-industrial waste. and wood processing (agro-industry).

									RDI was presenting at the end of the session to show how DiBiCoo contributes as one of the bioenergy development strategies through Biogas and Gasification Matchmaking Platform.
17	26 - 27 October 2021	Brussels	GIZ	Presentation of DiBiCoo and the Matchmaking Platform at European Biogas Conference 2021	Global	https://www.europeanbiogas.eu/european-biogas-conference-2022/ European Biogas Conference 2021 European Biogas Association PR 04.11.21: https://www.europeanbiogas.eu/successful-european-biogas-conference-proves-the-sector-is-ready-to-deliver-fit-for-55-solutions/	Over 200 participants and more than 40 speakers	High-level stakeholders from the renewable gas industry. Representatives from key areas for the development of our industry, including the waste management and agrobusiness sectors. Researchers and academia working on innovative renewable gas technologies to develop our industry. Influential policy-makers for our sector in Europe.	<p>“European Biogas Conference 2021 - Speeding-up climate-neutrality with renewable gas”</p> <p>Constructive dialogue and knowledge-exchange is critical in this crucial moment. The European Biogas Conference will provide this opportunity to discuss some of the most relevant topics for our industry:</p> <p>What is the role of biomethane in these future energy systems? How can we accelerate the ramp-up of biomethane production enabling the industry to become a key actor in this transition? How can biogas stimulate rural development and help us build a more sustainable and competitive farming sector? What is needed to unlock the immense potential of biogas in developing circular cities and regions?</p>
18	27 October 2021	Brussels	EBA	European Biogas Conference 2021	European	https://www.europeanbiogas.eu/european-biogas-conference-2021/	Over 200	Mostly, stakeholders from Europe: Researchers, biogas producers and technology developers, investors, sustainability consultants, biogas users, policy-makers, national biogas associations, journalists.	DiBiCoo was presented in the R&I session of the conference. A poster of the project was exhibited in the dedicated poster space and there was a stand of the project promoting the match-making platform.

19	11 November 2021	Johannesburg, South Africa	Green Cape	#cocreateMYCITY Johannesburg workshop: Valorization of Organic Residues in Cities and the role of biogas	National	N/A	20	Municipalities, private sector	Presentation at a (physical) resilient cities event in Johannesburg where a two-hour workshop will be hosted on biogas projects.
20	23 November 2021	Virtual	RDI	The 10th Indonesia EBTKE ConEx 2021, Bioenergy Plenary Session: Biogas Forum	Global	https://www.indoebtkeconex.com/	Over 1500 participants	All stakeholders from government officials, industry professionals, academicians to students	Coming into its 10th year of serving the industry, Indonesia EBTKE ConEx is setting the course and becoming the industry reference of how sustainable energy is the face of energy for the future. The event presents a comprehensive array and perspectives to advocate the adoption of sustainable energy and eventually achieving the targeted energy mix 23% by year 2025. RDI was presenting at the Biogas Forum session during this event, bringing up "Biogas Business Model in Various Countries".
21	9 December 2021	Nuremberg, Germany	FVB	Biogas Trade Fair 2021	National & Global	https://dibicoo.org/dibicoo-prasentiert-sich-im-rahmen-der-biogas-convention-trade-fair/ See also the Biogas Trade Fair program on the 9.12 at 11am: https://www.biogas-convention.com/de/programm/biogas-fachforum-live/	Approx. 135 biogas industry exhibitors and 2150 visitors.	German and international biogas industry, biogas interested individuals.	The aim was to use the potential of a physical biogas trade fair with a lot of interested biogas participants to present the DiBiCoo project. Moreover, the goal was also to present the new Biogasplatform to the German and International Biogas Industry and how they can use this digital marketing tool.
22	10 December 2021	Virtual	AEA	klimaaktiv biogas21 Congress	Global	https://www.kompost-biogas.info/veranstaltungen/kongress-biogas21/	~ 180	Policy makers, professional associations, biogas and renewable energy experts, scientists	Oral presentation at the Austrian biogas21 Congress
23	15 December 2021	Virtual	INTA	GMI Biogas GMI subcommittee annual meeting and workshop	Global	https://www.globalmethane.org/events/details.aspx?eventid=655	23	Governmental agencies, Research, and development organizations	Experience on life cycle assessments

24	15-16 December 2021	Virtual	ICEA-DDIS	Linking Science and Industry: Renewable Energy Research, Innovation and Higher Education in Africa	Global	https://www.uas-excellence.de/about-2/final-conference/	75	University academics, professional associations, non-governmental organizations	Fostering close cooperation between universities and the renewable energies industry as well as further research and innovation cooperation between Africa and Europe including the transfer of knowledge to contribute to the development towards a more practice-oriented higher education in Kenya and other African countries.
25	March 2022	Hybrid	AKBOE	Compost and Biogas Association Austria – Local Stakeholder Workshop about current Biogas topics	National	N/A	20	Biogas stakeholders	“Matchmaking and business opportunities through DiBiCoo” Presentation about actual development and business opportunities to Austrian biogas stakeholders
26	4 April 2022	Virtual	LLU	The 17th international scientific conference “Students on their Way to Science”	Global	https://www.sws.llu.lv/	20	Researchers	Oral presentation about the Biogas and Gasification Matchmaking platform
27	15 April 2022	Virtual, Sweden	EBA	BRC FO7 - Knowledge exchange: International Biogas Business Development	Global	https://www.europeanbiogas.eu/wp-content/uploads/2021/03/Poster-Wisdom-kanda-v2-eng3.pdf	70	Worldwide audience: Researchers, biogas producers and technology developers, investors, sustainability consultants, biogas users.	Knowledge exchange seminar on international biogas business development.
28	11 th May 2022	Virtual	WIP	The 29th European Biomass Conference and Exhibition 2021	Global	https://www.eubce.com/eubce-2022/	150	Global biomass sector	Plenary presentation about DiBiCoo project by Dominik Rutz
29	25-27 May 2022	Jelgava, Latvia	LLU	21st International Scientific Conference Engineering for Rural Development	Global	https://www.tf.llu.lv/conference/	20	Researchers	Oral presentation about the Biogas and Gasification Matchmaking platform

30	31 May 2022	Munich, Germany	FvB	IFAT, World's Leading Trade Fair for Water, Sewage, Waste and Raw Materials Management	Global	https://ifat.de/en/	30	Experts on biogas, water treatment, waste and raw materials management	IFAT is the worlds leading trade fair for water, waste and raw material management. FvB had a stand on IFAT. On that some general information material about DiBiCoo was disseminated. The DiBiCoo presentation lasted about 45 minutes. Several biogas stakeholders were very interested in the topics. Some companies mentioned that they will register in the platform and use it for their business.
31	8 June 2022	Cape Town, South Africa	Green Cape	Enlit Africa 2022	<u>Africa</u>	https://www.enlit-africa.com/	Over 1000 participants	Renewable energy, water and waste management stakeholders	Panel discussion on the demo case projects selected for support by the DiBiCoo project
32	12 June, 2022	Hybrid	ICEAD DIS	Iceaddis presented the DiBiCoo project at the International Conference on Environment, Resources and Energy Engineering	Global	http://www.eree.org	51	Environmental sector, renewable energy industry, researchers and biogas stakeholders	EREE 2022 is an optimal platform for academic communications, exchange of ideas and inspirations between specialists and scholars in the fields of Environment, Resources and Energy Engineering, including hot issues such as solar energy, natural environment and renewable resources. The event will encourage the exploration of the potential synergies that may arise from pooling the different perspectives.
33	14 June 2022	Rottenmann, Austria	AEA	1st Migulator Symposium	National	https://www.ipus.at/	100	Farmers and agriculturists	Key Note presentation (20 min) in the morning session at the 1-day event in presence of the local media/press

3 4	16 June 2022	Virtual	INTA	World Biogas Summit and Expo 2022	Global	https://www.biogastradeshows.com/theengineerroom/	120	Biogas stakeholders, European biogas companies, trade officers	Presented the developments and potential of the biogas sector in Argentina and the Dibicoo project biogas matchmaking tool
--------	--------------------	---------	------	-----------------------------------	--------	---	-----	--	--

3. Assessment of Impact

The DiBiCoo project was represented and presented in a variety of global and national events during the project duration between 2019-2022. Despite the events held virtually, the physical events attended spanned across 12 cities across the whole world and addressed a wide variety of stakeholders, such as biogas technology developers, biogas companies, researchers, NGOs, investors, sustainability consultants, biogas users, policymakers, biogas associations governmental agencies, renewable energy industry and public etc.

Moreover, with a focus on the most relevant topic for the project, the DiBiCoo project and the Biogas and Gasification Matchmaking Platform were presented. Twenty-two of the events had an international reach, while twelve were held at a European/regional level.

Table 2. Overview of the presentation contribution by partners

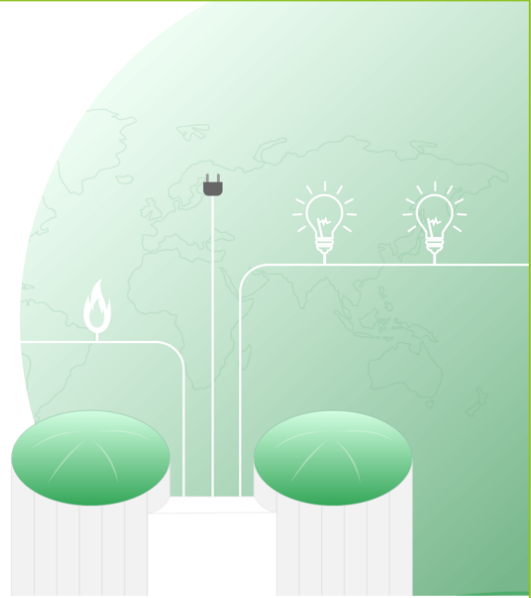
Partner	Number of presentations	Partner	Number of presentations
ISEES	2	Green Cape	4
WIP	4	FVB	2
INTA	4	AEA	2
RDI	4	ICEADDIS	2
GIZ	2	EBA	4
AKBOE	1		
LLU	3	Total	34

In total, 34 presentations were made by the DiBiCoo consortium, this is more than the initial target set in the GA (26 presentations were expected). In conclusion, communication at events in the past three years of the DiBiCoo project can be considered satisfactory as the consortium was able to address at least over 8200 relevant event attendants. Awareness and interest of the target stakeholders for the project was maintained and appropriately expanded, which benefits the impact of project.

4. Annex 1: Standard Presentation Template

Digital global Biogas Cooperation (DiBiCoo)

Global cooperation on biogas
technologies



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.



- Click to add text

5. DiBiCoo Consortium Partners

Coordinator



Partners from exporting countries



Partners from importing countries





Digital global Biogas Cooperation

Project website: www.dibicoo.org

Project Coordinator contact

Dr. Johannes Anhorn
Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH
Wielinger Straße 52
82340 Feldafing, Germany
T +49 8157 938 0
F +49 8157 937 777
E johannes.anhorn@giz.de
I www.giz.de

Author

Chuan Ma, Dominik Rutz

Photo credits/sources

DiBiCoo consortium if not otherwise stated.
Staff member (<Consortium Member>/name) if not otherwise stated.

Disclaimer

Neither the author(s) or GIZ nor any other consortium member will accept any liability at any time for any kind of damage or loss that might occur to anybody from referring to this document. In addition, neither the European Commission nor the Agencies (or any person acting on their behalf) can be held responsible for the use made of the information provided in this document.

URL links

Responsibility for the content of external websites linked in this publication always lies with their respective publishers. The author(s) expressly dissociates themselves from such content.

Germany, 2022



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.