



# D7.7 Report on the Final Conference

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**DiBiCoo – Digital Global Biogas Cooperation**

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## Executive Summary

After a 3-year journey of the Digital global Biogas Cooperation project (DiBiCoo) with several project achievements and lessons learned about the biogas sector, GIZ organized a one-day Final International Conference on 21<sup>st</sup> June 2022 with the topic “Biogas for Future”.

The event was held online via an event platform to allow participants from Europe and emerging markets to join the conference. The DiBiCoo Final Conference served as the major platform for the presentation and discussion of the DiBiCoo results to the political and economic communities in Europe and the five target countries of the project in Africa, southeast Asia, and Latin America. In line with the core aim of the DiBiCoo project, the Final Conference aimed at fostering alliances between public and private sector stakeholders from biogas markets in Europe and emerging markets in order to facilitate the further roll-out of sustainable biogas technologies worldwide. Several international biogas experts were invited to speak at the conference and to present their experiences from biogas development around the world. The event was moderated by a professional TV host. The whole Final Conference was recorded and can still be watched online.

This document will provide detailed information about the Final Conference, including the agenda, the speakers, and the presentations that were held.



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



## 1. Introduction

After 3 years of the Digital global Biogas Cooperation project (DiBiCoo), the journey of the consortium has almost come to an end. For the last and final event, it was GIZ's task to organize the International Final Conference. The purpose of this event was to present and discuss the results of the project to the political and economic communities in Europe and the five target countries in Africa, southeast Asia, and Latin America with the aim to foster the further roll out of biogas technologies globally.

Therefore, the consortium jointly selected a currently relevant topic within the biogas sector including different aspects, such as energy security, circular economy, and climate change.

The DiBiCoo International Final Conference took place on 21<sup>st</sup> June 2022 from 12pm-4pm CEST under the topic:

### Biogas for Future

Energy security, a circular economy & climate change mitigation –

What role can biogas play to achieve these goals in the future?

The event was held online. Three language channels allowed the international audience to follow along in English or via two other channels with simultaneous translation into Bahasa Indonesia and Spanish. Several international high-level experts from the biogas sector were invited to speak on different topics at the conference (see chapter 4.1). The event was moderated by Sasha Twining, a professional TV host. The complete event was recorded and can be rewatched online on YouTube (see links below).

Session 1 - YouTube stream English: [https://youtu.be/K-4d8bVkt\\_0](https://youtu.be/K-4d8bVkt_0)

Session 1 - YouTube stream Bahasa Indonesia: <https://youtu.be/vfq2uYoeltI>

Session 1 - YouTube stream Spanish: <https://youtu.be/2KRJBV97xeM>

Session 2 - YouTube stream English: <https://youtu.be/h6Voosn8BtA>

Session 2 - YouTube stream Bahasa Indonesia: <https://youtu.be/58HJUuu4XAw>

Session 2 - YouTube stream Spanish: [https://youtu.be/7a\\_Hlt1by2g](https://youtu.be/7a_Hlt1by2g)



## **2. Objectives**

### **2.1 Objectives of the Final Conference**

The consortium jointly developed an important and current guiding question for the Final Conference of DiBiCoo:

#### **What is the current and future role and potential of biogas globally?**

The DiBiCoo Final Conference approached the answer to this question from different perspectives. As a platform for discussion, the conference explored the huge potential of the biogas sector in contributing to climate change mitigation.

Climate change, energy crisis, waste management and mineral fertilizer shortage: Biogas is considered a multi-talent and opportunity to tackle many global challenges that countries all over the world are facing. A panel of biogas experts from Europe and emerging markets in Argentina, Africa and Indonesia discussed on the potential of biogas and its role to address said challenges now and in the future. They shed light on:

- How can biogas contribute to the aims of achieving energy security and of becoming independent from fossil energy?
- How can biogas production contribute to a circular economy?
- What role can biogas production play to substitute mineral fertilizers?
- How can biogas contribute to greenhouse gas (GHG) reduction?
- Sustainable transportation and compressed natural gas (CNG): biomethane as transport fuel

### **2.2 Target group of the Final Conference**

The broad range of guests invited to the Final Conference included all areas that impact the biogas sector. These included, among others:

- High-level biogas experts discussing the future role of biogas
- Representatives from RE associations, trade chambers and other key areas working on the advancement of the biogas sector
- Biogas industry representatives, technology providers and manufacturers
- Policy makers and authorities from the EU and emerging countries
- Stakeholders from food- and agro-industries and biogas project developers from Argentina, Ethiopia, Ghana, Indonesia, South Africa, and Europe

Please see chapter 4.6 for further information on the audience during the Final Conference.

### 3. Conference platform

Originally, it was planned that the DiBiCoo Final Conference would take place in Brussels. Due to ongoing COVID regulations GIZ decided to plan the event online instead, in order to reach more interested participants from all around the world to join.

As the event had an international character, GIZ decided to host the event via a professional and specifically designed event platform.

In a first step, a registration page was designed and set up (<https://eventapp.co.za/dibicoo-final-conference/>) with all major information about the event, the agenda, the partners, the speakers, the topic and a section to register for the event.

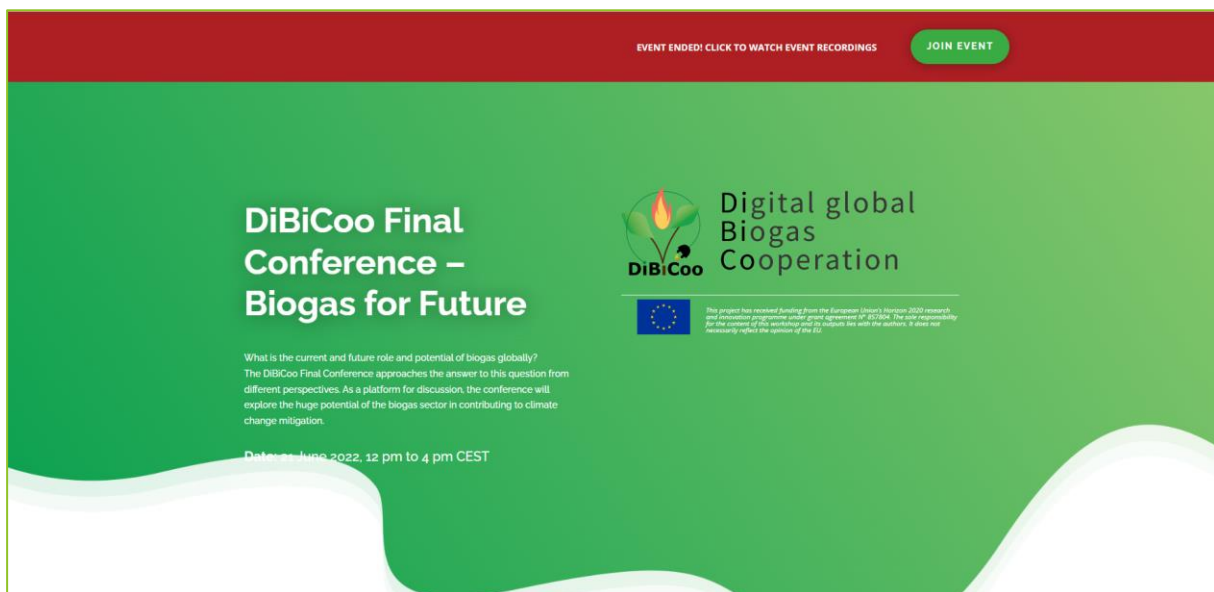


Figure 1: Registration page of the DiBiCoo Final Conference

In a second step, the official event platform was created: <https://dibicoo.participate.co.za>

The platform was structured in a way that shows a side bar menu on the left. In the menu, participants could enter the *Program* overview, which opened the overview of the three different language channels and two main sessions. With a click on each session, the participant was able to enter the session into the live event or, after the session was held, the closed session. It is still possible to enter the closed session. In each session there is a link to the recorded video, which can be re-watched on YouTube. The section *Speakers* offered an overview of all invited experts with a short biography. Similarly, the sections *Partners* and *Exhibitors* both showed an overview of all DiBiCoo consortium partners with a description text, a link to the corresponding website and a contact e-mail-address.



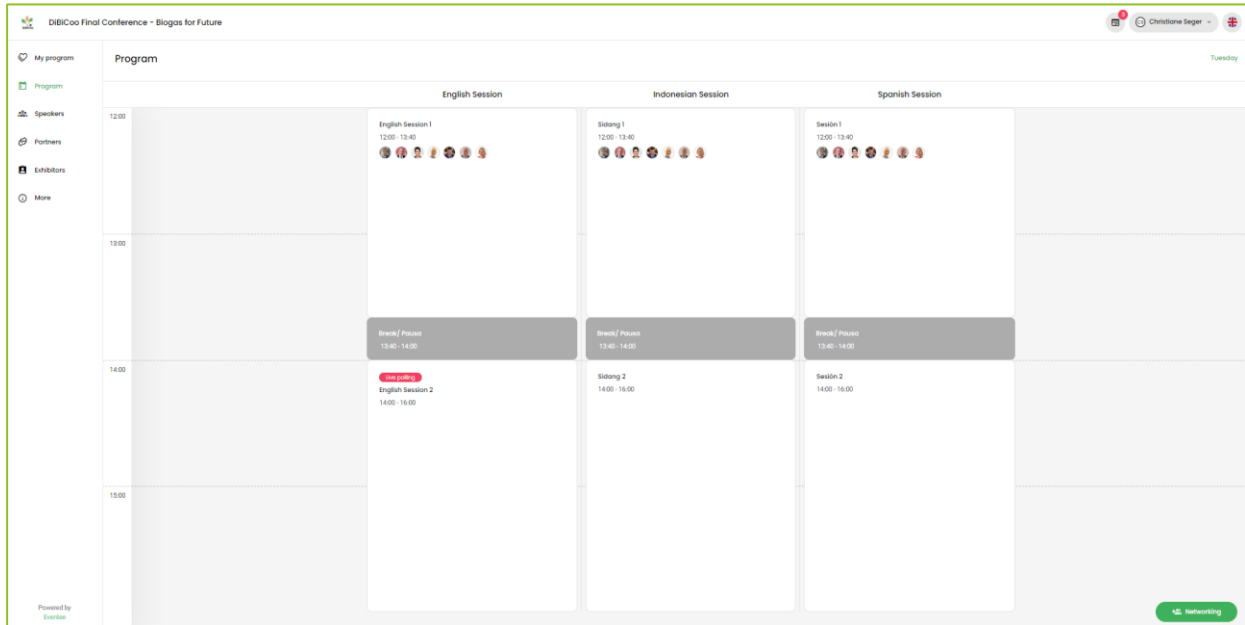


Figure 2: Overview of the event platform. The section “Program” showed the 3 different language channels of both main sessions

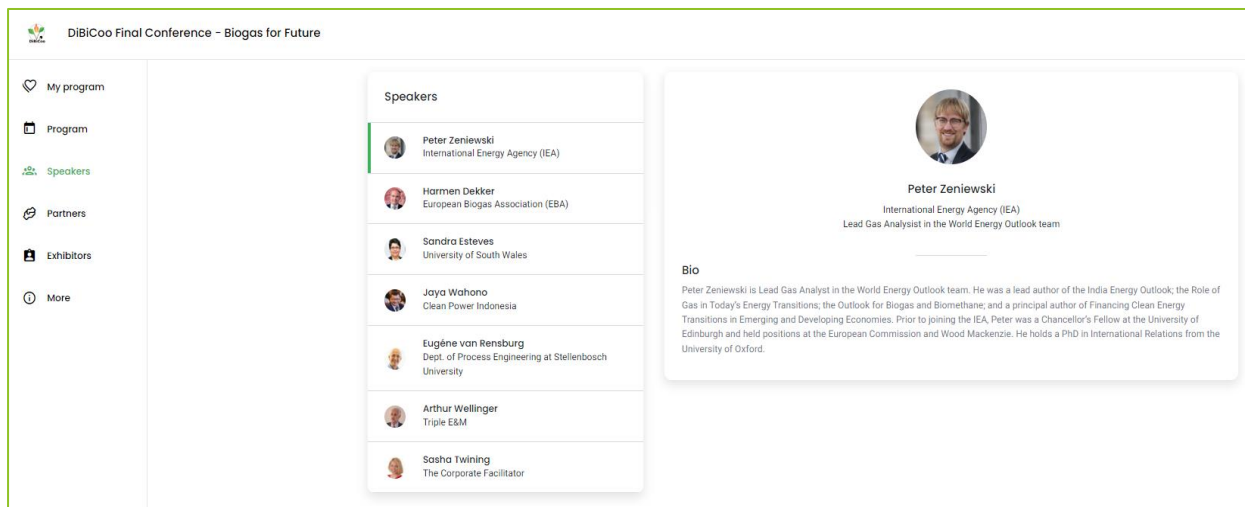
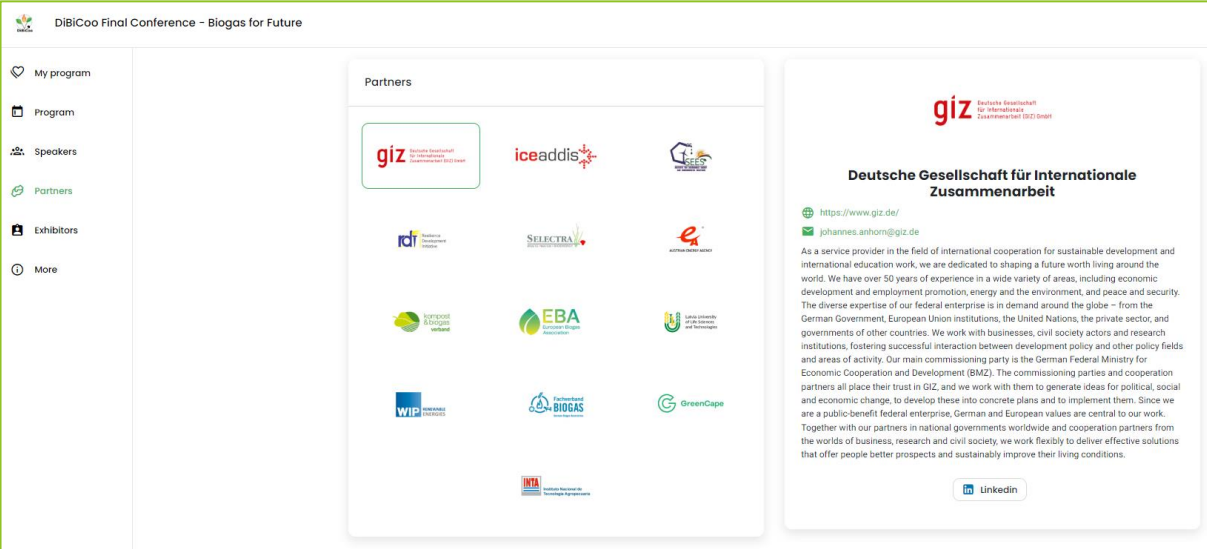


Figure 3: Overview of the speakers on the event platform



The screenshot shows the 'Partners' section of the DiBiCoo Final Conference - Biogas for Future event platform. On the left is a navigation menu with options: My program, Program, Speakers, Partners, Exhibitors, and More. The main content area is divided into two columns. The left column displays a grid of partner logos, including GIZ, iceaddis, rdt, SELECTRA, EBA, WIP, BIOMASS, GreenCape, and INTA. The right column features a detailed profile for GIZ, titled 'Deutsche Gesellschaft für Internationale Zusammenarbeit'. This profile includes the GIZ logo, the website URL 'https://www.giz.de/', the email 'johannes.anhorn@giz.de', and a paragraph of text describing GIZ's mission and services in international cooperation for sustainable development and education. A LinkedIn button is located at the bottom of the GIZ profile.

Figure 4: Overview of all DiBiCoo partners on the event platform

## 4. Agenda

The Final Conference was separated into two main sessions.

The *first session* consisted of the official welcome and introduction by the moderator Sasha Twining who gave the word to Johannes Anhorn from GIZ as the coordinating partner of the DiBiCoo consortium who welcomed all participants and speakers to the Final Conference. This was followed by two keynote speeches, one from Peter Zeniewski (International Energy Agency, IEA) and the second one from Harmen Dekker (European Biogas Association, EBA). Both introduced the audience to the role and potential of biogas globally each with a 10-minutes presentation. Subsequently, Sasha Twining introduced the speakers of the expert panel, Sandra Esteves, Yaya Wahono, Arthur Wellinger, and Eugène van Rensburg.

After the first session there was a short break, during which the audience was encouraged to get in touch via the networking lounge on the platform.

The *second session* of DiBiCoo's Final Conference included a one-hour slot about the results and lessons learned from the DiBiCoo project which were presented by different members of the DiBiCoo consortium. This was followed by a Deep Dive on policy and financing mechanisms in Europe and emerging markets with two presentations from Mieke Dekorte (European Biogas Association, EBA) and Elisabeth Rianawati (Resilience Development Initiative Indonesia, RDI) who are both members of the DiBiCoo consortium.

After all questions from the audience were answered by the speakers, Johannes Anhorn and Sasha Twining closed the Final Conference and thanked all speakers and the audience for their participation.

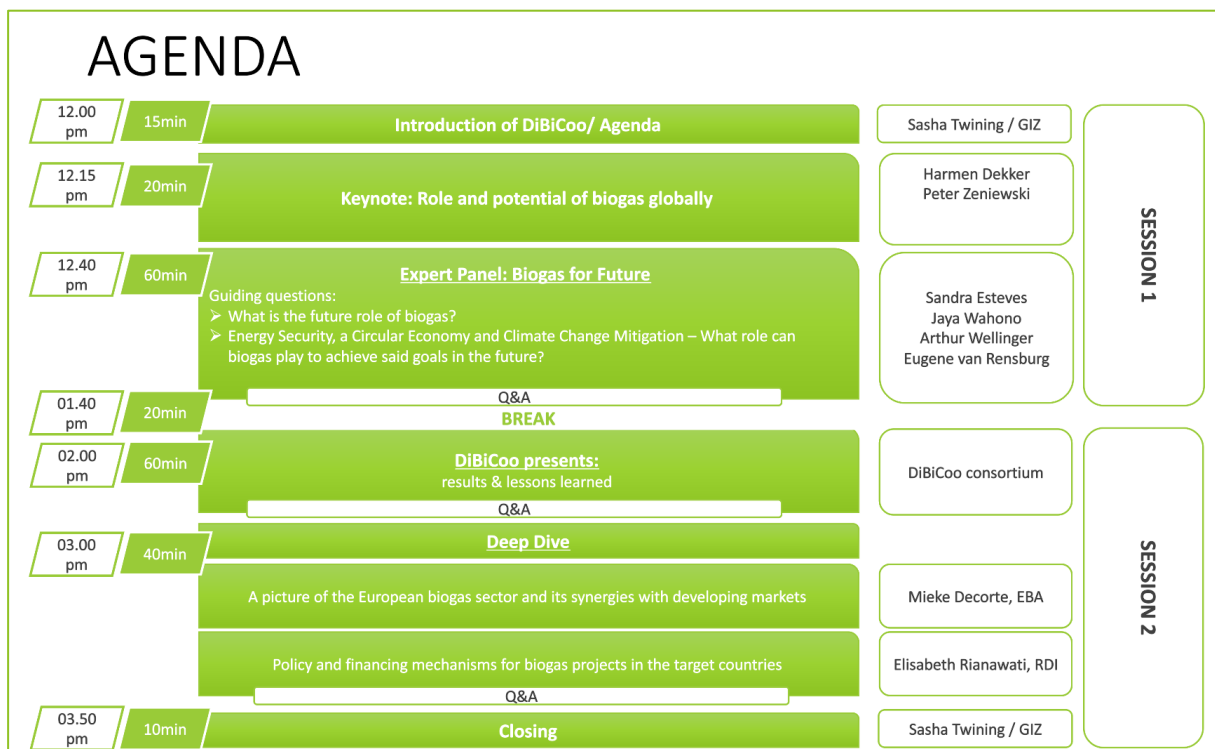


Figure 5: The full agenda of the DiBiCoo Final Conference

## 4.1 Speakers

### Moderator



**Sasha Twining**, the corporate facilitator, radio and TV presenter, debate host and facilitator, currently heard globally on the BBC World Service

Sasha Twining has been a television and radio presenter for 25+ years.

She currently presents business programmes for the BBC World Service (audience 97 million worldwide).

Sasha also works in the corporate sector as a conference host and facilitator. She works with clients across Europe and America in fields including Energy, Sustainability, Technology, Transportation and Communications. She works in both the private and public sector, and has moderated for many NGO's, trade associations, governmental organizations including the EU Presidency, the European Commission, as well as for events supporting COP.

Her television work includes Sky News (UK and International) BBC (UK) ITV (UK) and Channel 9 (Australia)

Sasha is an advocate of new technology - she has an embedded NFC chip in her hand and presented a BBC programme about the innovation.

### Keynote speakers



**Peter Zeniewski, Lead Gas Analystist at the International Energy Agency (IEA)**

Peter Zeniewski is Lead Gas Analyst in the World Energy Outlook team. He was a lead author of the India Energy Outlook; the Role of Gas in Today's Energy Transitions; the Outlook for Biogas and Biomethane; and a principal author of Financing Clean Energy Transitions in Emerging and Developing Economies. Prior to joining the IEA, Peter was a Chancellor's Fellow at the University of Edinburgh and held positions at the European Commission and

Wood Mackenzie. He holds a PhD in International Relations from the University of Oxford.



**Harmen Dekker, Director of the European Biogas Association (EBA)**

Harmen Dekker has worked for almost 15 years within the sustainability sector and is devoted to the mitigation of climate change. He has built his career in the water and gas sector, where he has held different management positions. He joined the EBA after 5 years of service at DMT Environmental Technology. As manager for business development, he worked on the expansion of the biogas sector in new geographic regions. During those years, he also

focused on the implementation of new techniques for valorizing biogas, such as bio-LNG. These responsibilities included the analysis of future opportunities to produce bio-Methanol and bioplastics. He has its background in chemistry and business administration.

## Speakers from the Expert Panel



### **Sandra Esteves, Professor in Bioprocess Technology for Resource Recovery (Energy and Materials) at the University of South Wales**

Sandra Esteves is the Director for Wales Centre of Excellence for Anaerobic Digestion and has over 20 years' experience in biotechnology research, development and full-scale deployment of anaerobic processes. Sandra earned a first-class BSc (Hons) degree in Energy & Environmental Technology from the University of Glamorgan (now University of South Wales). Sandra read her PhD from the University of Glamorgan on the control of biotechnology processes using artificial intelligence techniques. She has directed and co-investigated ~£12M of R&D projects. Her research has been funded by the EU, Innovate UK, BEIS and Research Councils as well as through private sector funding. Sandra is a member of the European Biogas Association' Scientific Advisory Council, Member of the International Advisory Group for the Swedish Biogas Research Centre & supports AD deployment internationally.



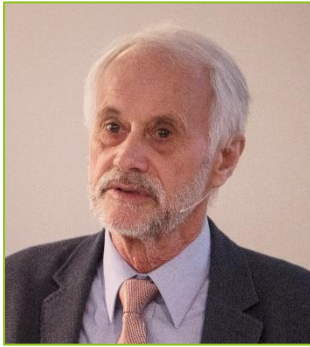
### **Jaya Wahono, Founder and CEO of Clean Power Indonesia (CPI)**

Jaya Wahono has Bachelor of Science in Mechanical Engineering from Bandung Institute of Technology and Master of Science in Engineering Economic Studies from George Washington University, Washington DC, USA. His company Clean Power Indonesia specializes in the development of community-based biomass distributed power for rural areas. Jaya has been promoting 100% renewable energy target by 2030 in small islands all over Indonesia in order to bring affordable, sustainable, reliable and equitable electricity to its population. This effort is now being expanded to Powering the Archipelago program with ITB SDG Center to bring reliable electricity to 20,000 villages all over Indonesia.



### **Eugène van Rensburg, Associate Professor at Dept. of Process Engineering at Stellenbosch University**

Prof Eugène van Rensburg is an industrial microbiologist who holds a PhD in Microbiology from the University of the Free State and an MBA from Stellenbosch University. He actively participated in the development of various bioprocesses, including renewable energy-related projects for the past 15 years. He heads up the anaerobic digestion and ethanol fermentation groups in the greater Bioresource Engineering Group at the Dept. of Process Engineering, Stellenbosch University. His main research interests include (i) bioprocess development with emphasis on anaerobic digestion and monoculture fermentation systems (submerged and solid state), and associated up- and downstream processing, (ii) biomass processing and extraction of valuable products, including protein, and (iii) valorisation of agricultural, bioprocessing and industrial wastes. He seeks to integrate these foci in a multidisciplinary approach, including an assessment of business cases, where bio-based technologies can be applied to address the Food-Energy-Water Nexus triple challenge within the context of sustainable development in rural Africa.



### Arthur Wellinger, Managing Director of Triple E&M

Arthur Wellinger is working with Triple E&M as Managing Director, a research and consulting company in Switzerland participating in projects of Horizon and of the Swiss government. Triple E&M is also covering technical projects for international private industries in the field of biogas. They do have long year mandates of IEA Bioenergy (Communication, Task Leader and Technical Coordinator). Arthur Wellinger is President of various associations in the field of biomass (EBA, Biomasse Suisse, Inspectorate and R2Gas covering research and advice in renewable gas).

## 4.2 Keynote: Role and potential of biogas globally

A highlight of the Final Conference was the two keynote speeches of the high-level experts in the biogas sector Peter Zeniewski from the International Energy Agency (IEA) and Harmen Dekker, the Director of the European Biogas Association.

Both held a 10-minute presentation on the following question:

### What role is biogas playing within the sector worldwide now and in the future?

The topic of Peter Zeniewski's presentation was "World Energy Outlook 2021 and the role of biogas and biomethane". He presented recent data and figures on the projected development and pathways i.a. of the (natural) gas demand and gaseous fuels as well as the assessed costs and potential of biomethane globally. He highlighted that it is assessed that the global technical potential of biomethane grows by 60% to 2050. Similarly, he points to the huge potential of biogas across all use cases (upgrading to biomethane; electricity and heat; buildings and agriculture) and how this potential is still mostly untapped and only a small fraction of it is realised as of now. The keynote speech concluded with a clear statement for biomethane and its key role in a low carbon energy transition as well as biogas with its huge potential to provide renewable electricity and clean cooking especially in developing countries. However, for wide-spread deployment of biogas and biomethane production various criteria need to be met, especially a policy-driven surge in clean energy transition is needed.

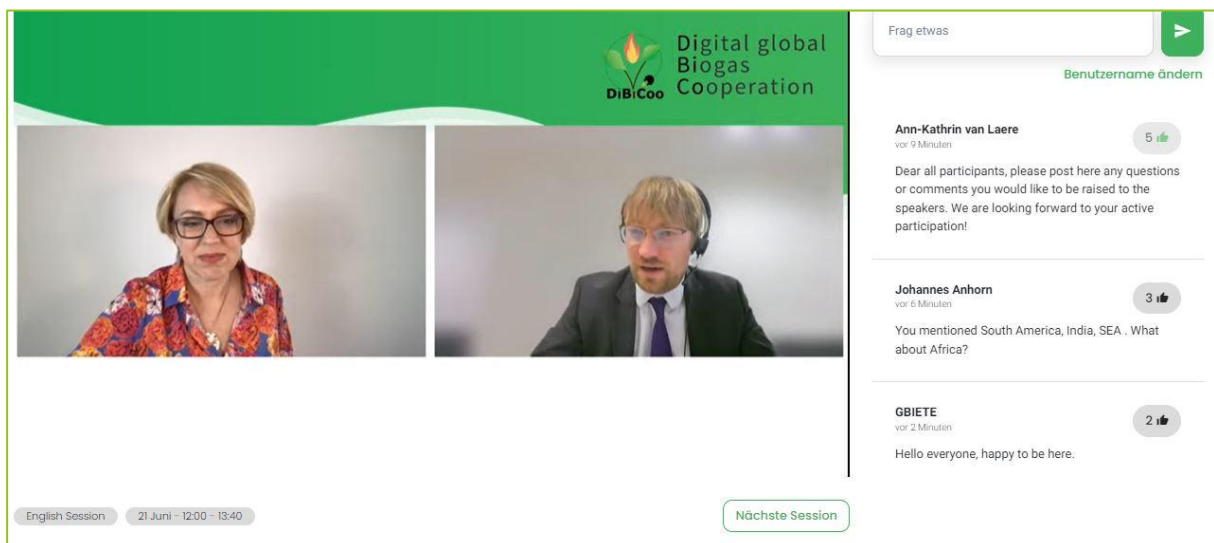


Figure 6: Keynote speaker Peter Zeniewski from IEA answering questions from the audience, moderated by Sasha Twining

As second presenter, Harmen Dekker gave an overview of the biogas sector in Europe.

His keynote speech focused mainly on recent developments within the biogas sector in Europe such as the REPowerEU plan and its implications for the sector. Harmen Dekker presented the objectives and instruments outlined in this ambitious REPowerEU plan and its focus especially on the deployment of biomethane within the EU. He outlined the potential of biomethane production in the EU and the needed steps to realize the potential to contribute to energy security and resilience by replacing 10% of today's EU gas demand by 2030. He especially called on European institutions to undertake the needed policy steps for the sustainable expansion of the sector. The keynote concluded with a presentation of the additional benefits of this envisaged biogas and biomethane expansion, such as the support for the transition to a circular economy where waste from households and industries is used as a resource to produce RE as well as the benefit for the move towards sustainable and long-term rural development.



Figure 7: Keynote speaker Harmen Dekker from EBA presenting on current topics and developments in the European biogas sector

### 4.3 Expert Panel: Biogas for Future

During the expert panel on the topic of „**Biogas for Future: Energy security, a circular economy & climate change mitigation – What role can biogas play to achieve these goals in the future?**” Sandra Esteves, Yaya Wahono, Arthur Wellinger, and Eugène van Rensburg gave interesting insights and opinions on this matter with experiences from their countries moderated by Sasha Twining.

The following topics and guiding questions were discussed among others:

- Energy Security
  - How can biogas contribute to the aim of achieving energy security?
  - Which role can biogas play in becoming independent from importing fossil energy carriers?
- Circular Economy

- One of the major goals of the Circular Economy is the reduction of waste – how does biogas contribute to this objective?
- What role can biogas production play to support the development of a sustainable agriculture and what is the role of Biogas in using agricultural waste in developing countries?
- GHG reduction/Climate change mitigation
  - How can biogas contribute to the aim of mitigating GHG emissions?
  - What is done to secure and prove the sustainability of biogas production?

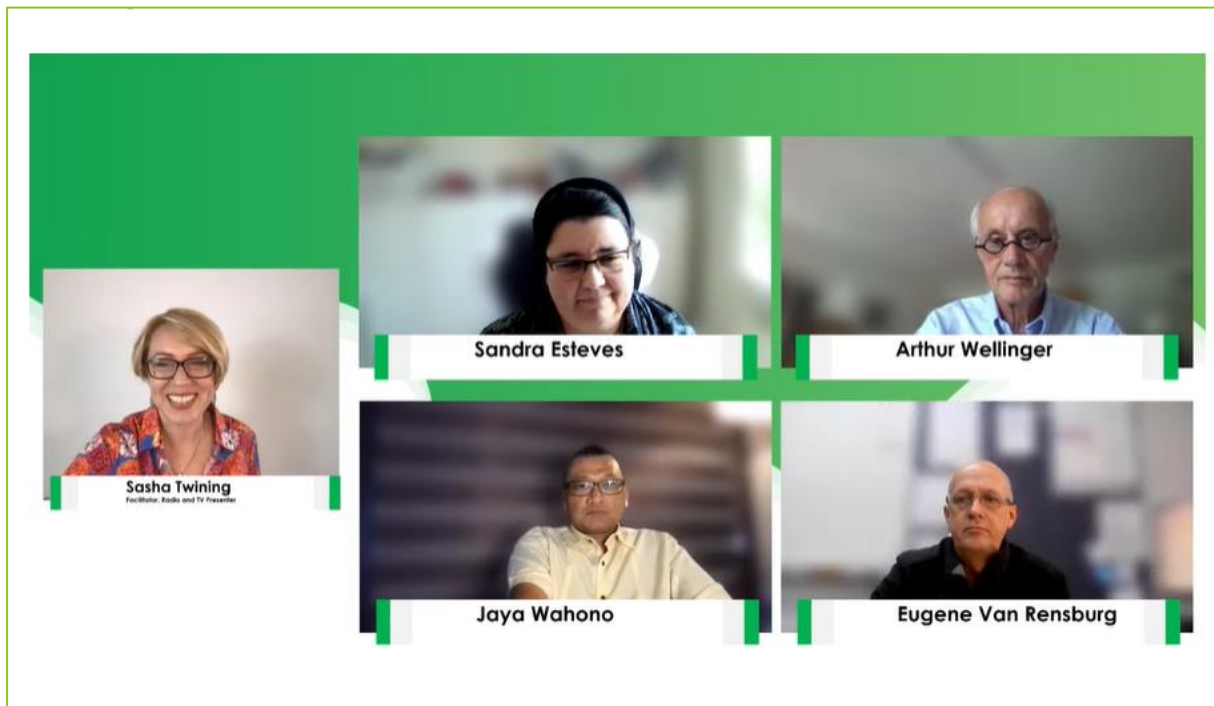


Figure 8: The four panellists discussing with moderator Sasha Twining about their experiences in the biogas sector.

The four panellists shared interesting insights and experiences from biogas project development within their respective countries (UK, Switzerland, Indonesia, and South Africa). They discussed about the differences in biogas development globally as well as common approaches. The biogas potential especially in emerging countries was debated and learnings from the European biogas sector shared. In addition, current barriers in biogas development in emerging markets were addressed and needed steps to overcome those discussed. The expert panel was concluded by the question raised from Sasha Twining to all four panellists and their diverse answers on: “What excites you the most for the future of biogas?” The interesting discussion can be re-watched online as the session was also recorded.

#### 4.4 DiBiCoo presents “Results & lessons learned”

After the break, the partners of the DiBiCoo consortium presented the 3-year journey of DiBiCoo: project achievements, lessons learned, and a deep dive into policy and financing frameworks worldwide. This session was clustered into 4 different topics, each presented by one of the partners who has been working on the corresponding activities.

- **Matchmaking Platform: Identifying suitable business partners worldwide | LLU**



- Knowledge exchange on biogas related topics | WIP
- Setting up new biogas projects in emerging markets | AEA
- Lessons learned and impact – 3 years of DiBiCoo and way forward | GIZ

The presentations showcased some of the various and big achievements DiBiCoo has made. One of the main goals of DiBiCoo was to launch and facilitate the Biogas and Gasification Matchmaking Platform which was successfully achieved in November 2021. The main aim of the platform is to connect the biogas/biomethane and gasification industry worldwide. Currently, the platform has more than 400 registered users who will still benefit from the Biogas and Gasification Matchmaking Platform even after the project lifetime.

In total, DiBiCoo has advanced knowledge transfer and experience sharing through 2 virtual and 3 on-site study tours, 10 capacity building trainings, 11 web seminars and 5 business design trainings in Indonesia, Ghana, Ethiopia, South Africa, and Argentina.

Within the market uptake programme 5 demo projects as well as 20 follower projects were guided within DiBiCoo. Through 5 matchmaking events exporters and importers of biogas technologies were connected, thus supporting the development of sustainable business networks globally.

Additional activities that aimed to approach and engage local stakeholders and knowing more about the potential and market characteristic of biogas in the emerging markets were organized. These goals were achieved through 9 local stakeholder discussion workshops, bilateral meetings, and desk reviews in each country resulting in a biogas stakeholders mapping analysis; biogas market and policy framework report; biogas financing opportunity analysis; report on research needs related to the biogas sectors; and the identification of potential biogas project ideas from the five target countries.

All of DiBiCoo's results are presented in the Deliverable 1.2, the *Result-oriented report*, which can be read and downloaded on the [DiBiCoo website](#). On the website, all of the following project results are showcased, too:

- Virtual study tours on Anaerobic Digestion: [Virtual Study Tours: Anaerobic Digestion - YouTube](#)
- Virtual study tours on Biomass Gasification: [Virtual Study Tours: Biomass Gasification - YouTube](#)
- Web seminars: [Web Seminars - DiBiCoo](#)
- Promotional videos
  - DiBiCoo project: [DiBiCoo Project - YouTube](#)
  - DiBiCoo Biogas and Gasification Matchmaking Platform / English: [DiBiCoo Online Digital Platform Explainer | English - YouTube](#) (additional videos translated into Bahasa, Spanish and Amharic are also available)
- Reports: [Project Results - DiBiCoo](#)

#### **4.5 Deep Dive: Policy and financing mechanisms worldwide**

The presentation on the past 3 years in the DiBiCoo project was followed by a deep dive into an important topic of the biogas and gasification sector. To highlight the policy and financing mechanisms in the sector worldwide, the partners Mieke Decorte from the European Biogas

Association (EBA) and Elisabeth Rianawati from the Resilience Development Initiative Indonesia (RDI) presented each to the audience:

- **A picture of the European biogas sector and its synergies with developing markets | EBA**
- **Policy and financing mechanisms in emerging biogas markets | RDI**

After their presentations, the two speakers, moderated by Sasha Twining, answered open questions from the audience and discussed them together.

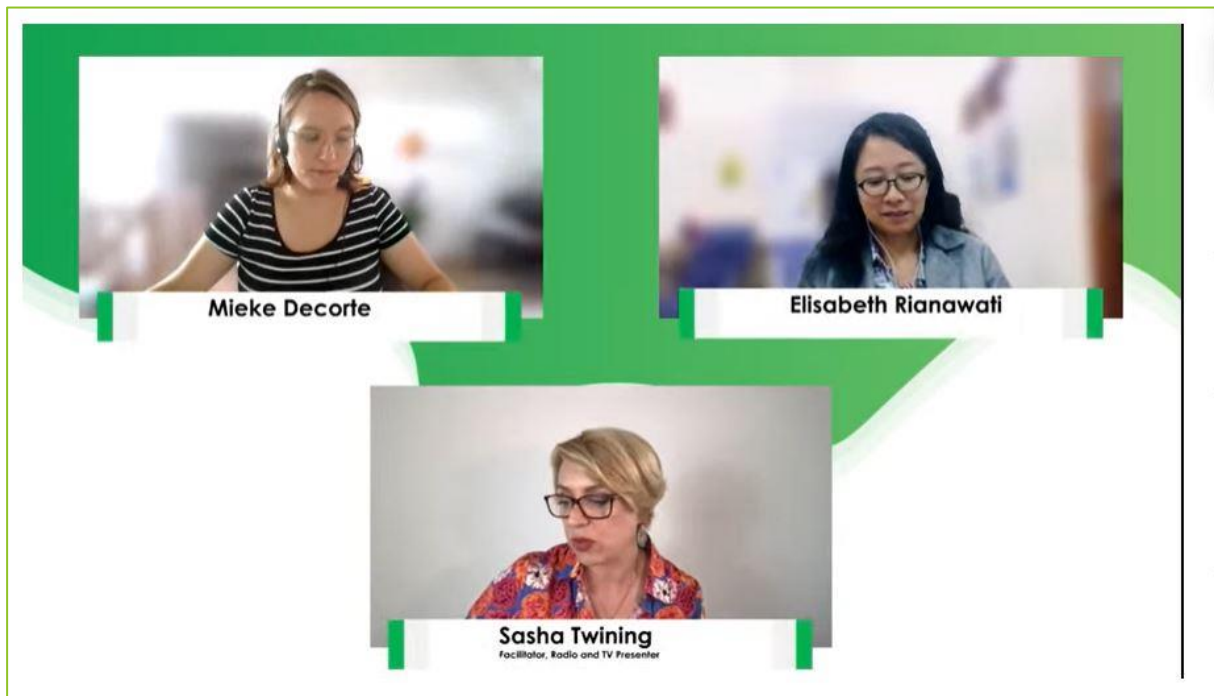


Figure 9: The panelists of the Deep Dive with moderator Sasha Twining

#### **4.6 Audience & interaction with the participants**

The DiBiCoo Final Conference was attended by approximately 124 participants who entered the event via the event platform. The number of visitors watching in the English channel was significantly higher than in the other two language channels. The lower visitor number by Indonesian and Spanish speaking attendances can be explained mainly by the time difference to the European time zone. Figure 10 shows the number of viewers in the three different language channels during main session 1 and main session 2.

	English audience	Indonesian audience	Spanish audience
Session 1	122	28	24
Session 2	90	13	14
Total platform users	124		

Figure 10: Number of attendances during the Final Conference

The variety of countries from which biogas stakeholders had registered for the Final Conference is very large. A total of 175 people registered upfront for the Final Conference. Most people registered from South Africa (28). From Ghana and Indonesia 18 persons each. From Germany there were 10 registrations, from Argentina 9, as well as 8 persons each from Belgium and Nigeria. There were also 7 registrations from India and Italy each, 5 from France, and from Kenya, the Netherlands, Spain, Sweden, and Switzerland each 3. Furthermore, there were also 2 registered persons each from Brazil, Côte d'Ivoire, Czech Republic, Ethiopia, Botswana, Greece, Liberia, Niger, and Norway. The internationality of the Final Conference did not stop there. People from Cambodia, Cameroon, Eswatini (Swaziland), Gambia, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Mauritius, Mexico, Morocco, Portugal, Somalia, Tanzania, Togo, Turkey, United Kingdom, Zambia, and Latvia made the Final Conference with their registrations complete.

This diversity showed that DiBiCoo did indeed reach a wide target audience from all over the world and its impact was way beyond its original five target countries Argentina, Indonesia, Ghana, Ethiopia, and South Africa. It demonstrates the relevance of biogas and the interest from stakeholders globally on experiences and lessons learned from biogas development in Europe and emerging countries.

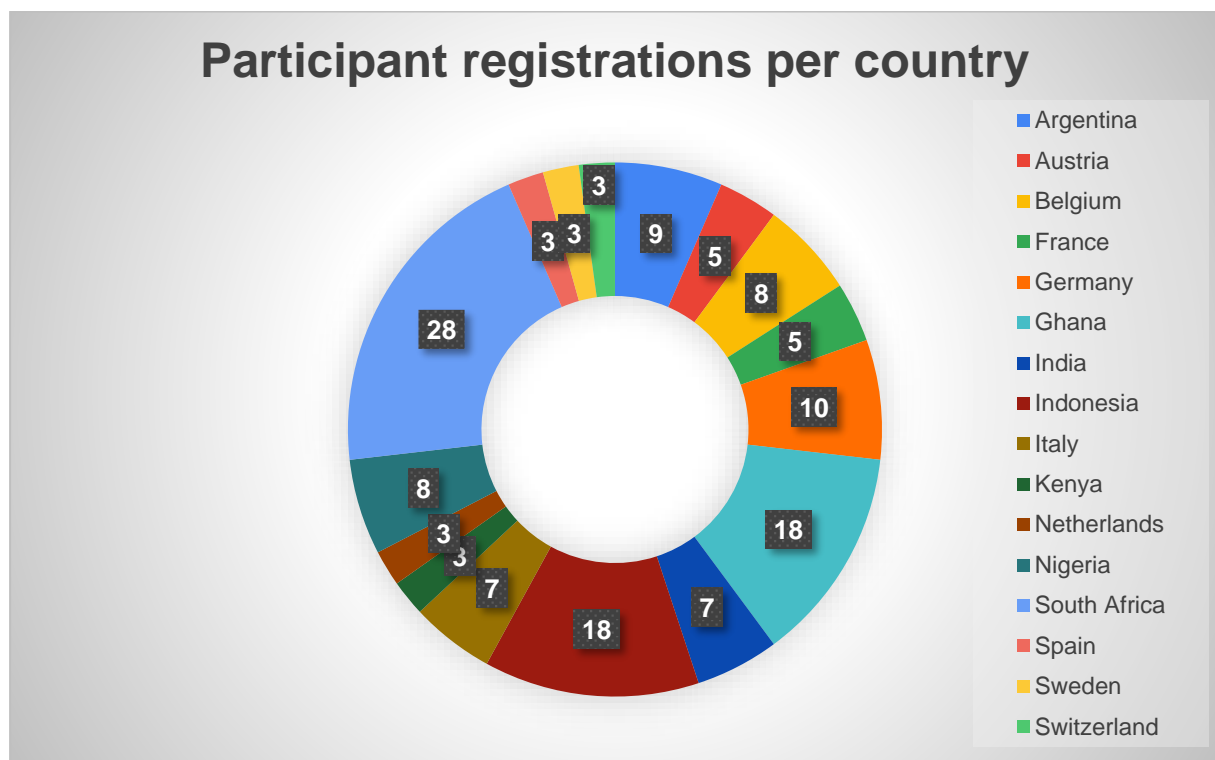


Figure 11: Percentage of participants at the DiBiCoo Final Conference by country

The highest number of registrations came from European biogas/gasification technology provider, manufacturer, company representative (27% of all registrations). 15% of the people registered upfront were representatives from the scientific community/ research institute. From the total registrations, 8% joined from the African, Asian or Latin American bio-waste producing industries (food processing, beverages, agro-industries, municipal solid waste, water waste, etc.) as well as 8% from project development or planning organisations. 28% stated at the registration that they were working in another industry sector than the sectors mentioned. Other registrations were policy makers/government representatives/municipality from Africa, Asia or Latin America (6%), European trade chambers, biogas- or renewable energy associations (5%), European policy makers/government representatives (2%) or representatives from financial organizations/ banks/ investors (1%).

This shows that there was a huge diversity of participants and their professional background. This underlines the relevance of the topic for various industries and the need to bring those various stakeholder groups together to highlight the potential of biogas as well as to discuss potential obstacles and how to tackle them. Furthermore, the participation in the Final Conference underlines the interest of biogas stakeholders from Europe and emerging countries to learn from each other.

In total, 124 biogas enthusiasts from 43 different countries attended the Final Conference of DiBiCoo.

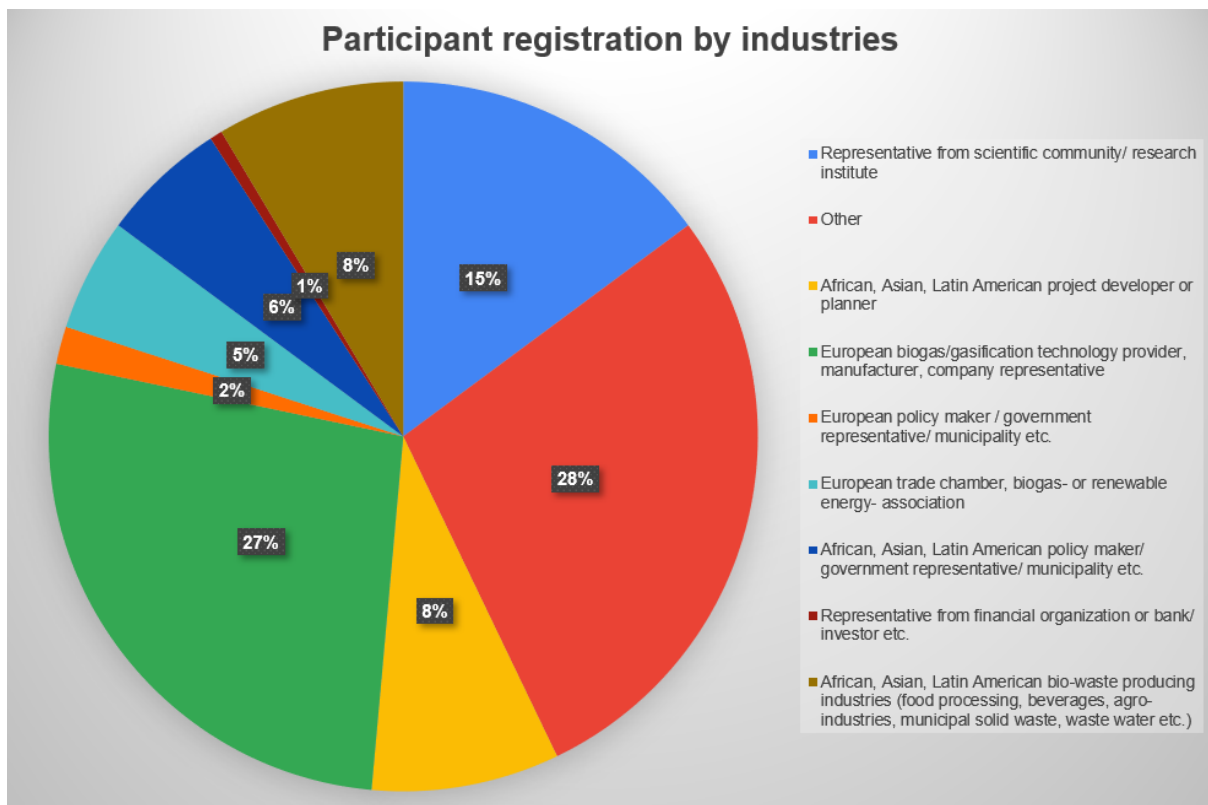


Figure 12: Percentage of participants at the DiBiCoo Final Conference by their professional background

During the whole event, the audience was encouraged to ask questions in the chat. The moderator collected them and redirected them to the speakers. A lot of questions were typed in the chat of which the most relevant were answered.

From the introduction ongoing, GIZ prepared question polls, which were implemented in the chat and opened to the public audience. They were translated into Spanish and Bahasa Indonesia as well to accommodate for the audience joining from Argentina and Indonesia. The audience could then choose their answer and see the live poll directly in the chat. The results of the polls were presented and discussed later in the event.

The questions of the live poll were the following:

- **Poll 1:** Which global challenge provides you with the best arguments for biogas?  
→ answer possibilities: Energy Security / Circular Economy / Climate Change Mitigation

- **Poll 2:** What is the most important commodity Biogas provides in the country you work?  
→ answer possibilities: Biogas / electricity / heat / waste management / emission certificates
- **Poll 3:** Have you/your company been actively involved in international biogas projects?  
→ answer possibilities: Yes successfully / Yes unsuccessfully / Yes still ongoing / No
- **Poll 4:** Are you interested in the Biogas and Gasification Matchmaking platform?  
→ answer possibilities: Yes, I am interested / I am already using it / No, not applicable for me
- **Poll 5:** Has the event raised your interest in the results and reports of the DiBiCoo project?  
→ answer possibilities: Yes, I am interested to learn more / I have already found all information / No, I am not interested
- **Poll 6:** What are the main obstacles from your perspective for successful biogas project development?  
→ answer possibilities: Skilled labor force / legal-regulatory frameworks / financing / networks and partners
- **Poll 7:** Have you been inspired to contribute to a Biogas Future?  
→ answer possibilities: 1 to 5 (yes very much – I better leave the biogas field)

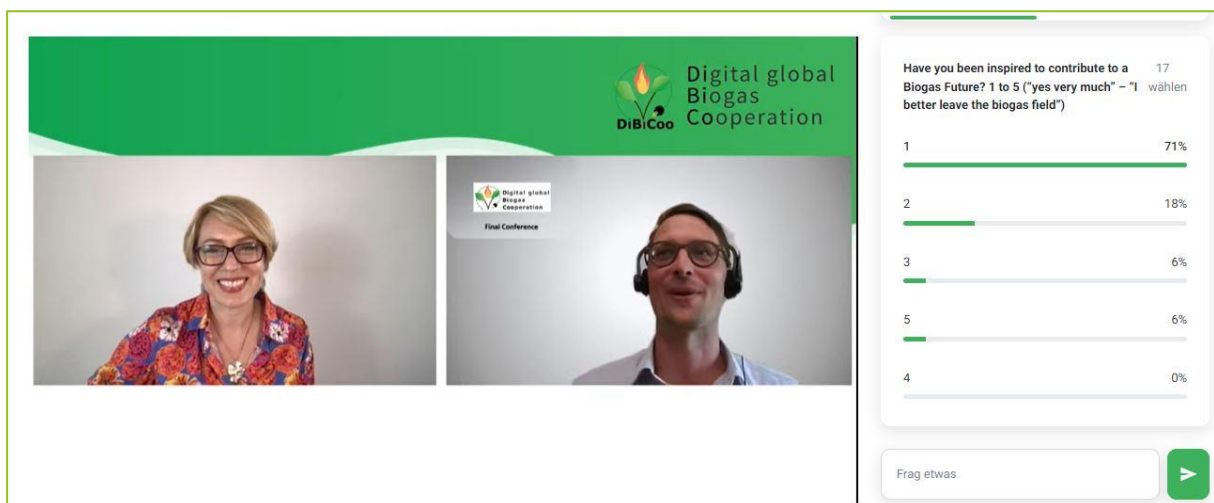


Figure 13: Moderator Sasha Twining and DiBiCoo coordinator Johannes Anhorn presenting the results from the last poll

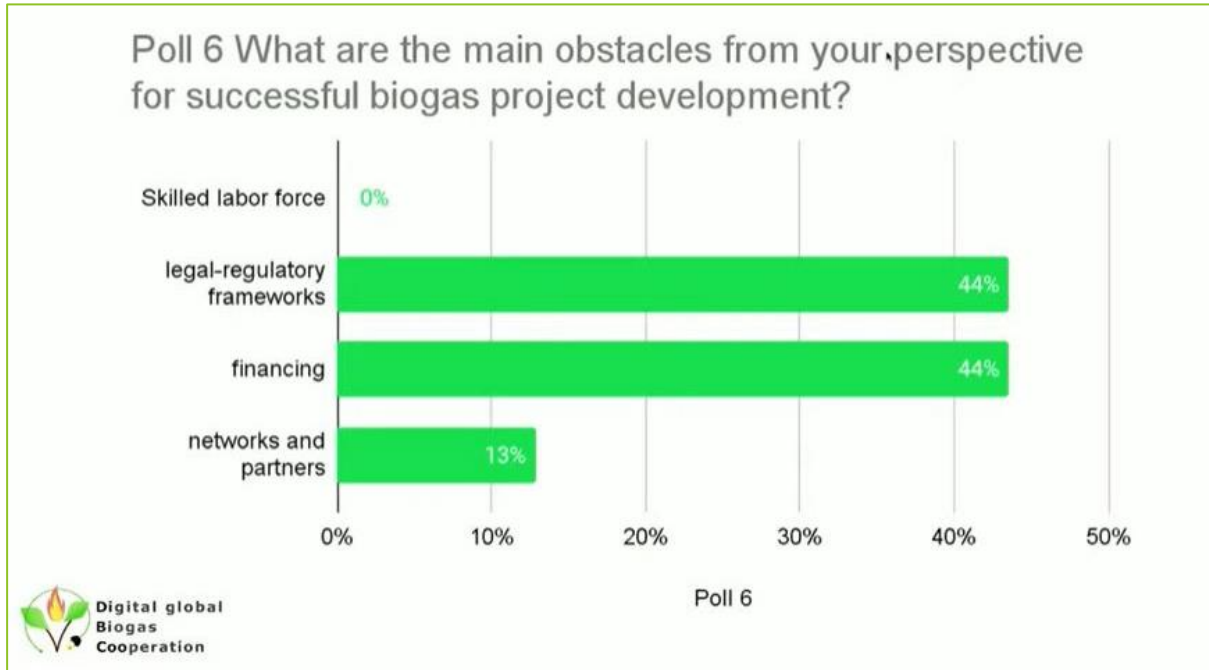


Figure 14: Poll 6 shows the answers from the audience on the question "What are the main obstacles from your perspective for successful biogas project development?"

Another feature of the event platform was the networking lounge. The audience was encouraged to use the networking lounge during the break and post event to get in contact with more people interested in the biogas sector. By accessing the lounge, people were matched based on their profiles. With a click on "meet" they had the great opportunity to share their interest with another person in the sector via the private chat function or a call, to network and exchange the contact details. A total of 35 networking users made 60 networking connections during the event.

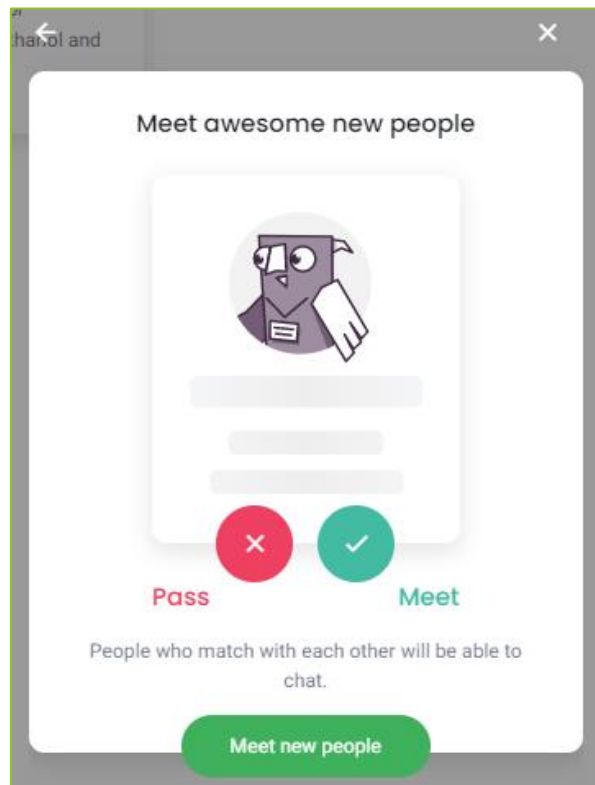


Figure 15: The networking lounge

## 4.7 Promotion

Some weeks before the Final Conference was taking place, DiBiCoo partner Iceaddis created different promotional material for the Final Conference.

The event was promoted via the DiBiCoo website and social media channels (Twitter, Facebook, LinkedIn) and distributed by all the consortium partners in their social networks, newsletters etc. The information was also spread to all who have signed up for the DiBiCoo mailing list.

GIZ also distributed the information and invitation to the Final Conference via their wide network especially towards other RE projects. EBA, AKBOE and FVB shared the information via their (company) newsletters, informing especially European stakeholders from the sector. In addition, the DiBiCoo Advisory Board was invited and asked to share the news also via their networks.

In a first step, a promotional poster was sent out as “Save the date” with the link to the registration platform. During the two weeks prior to the Final Conference, two additional posters were published containing information about 1) the keynote speakers and 2) the panel experts at the event.

Registered users furthermore received an e-mail reminder via the DiBiCoo mailing list a few days before the 21st of June.



Figure 16: DiBiCoo Final Conference Flyer „Save the date”



Figure 17: DiBiCoo Final Conference Flyer „Keynote speakers”



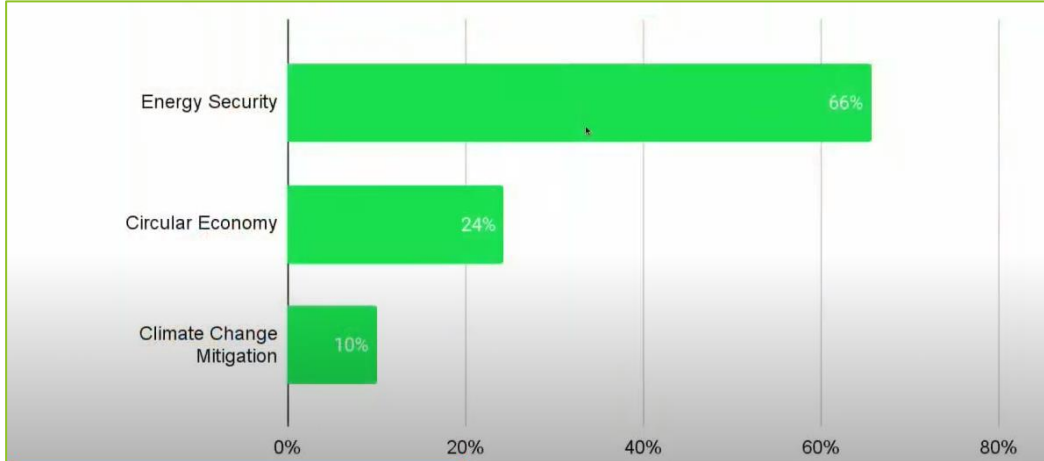
Figure 18: DiBiCoo Final Conference Flyer „Expert panellists”



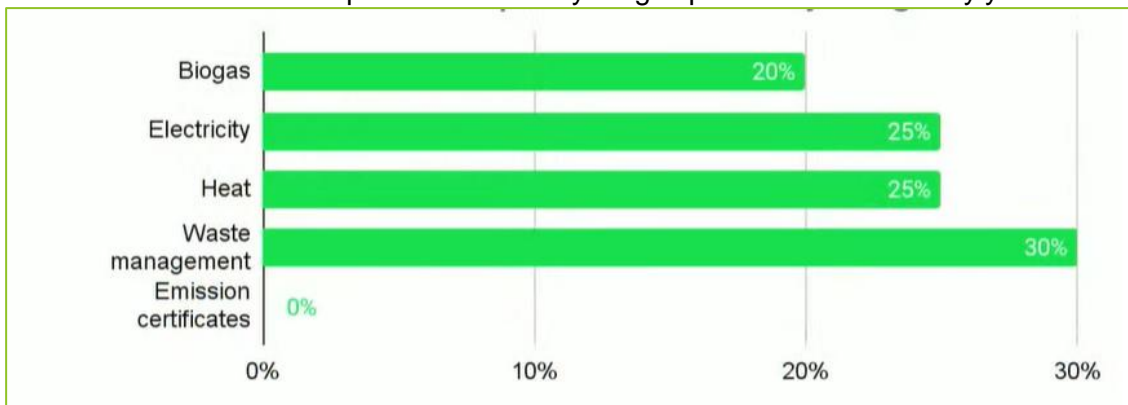
## 5. Annex

### 5.1 Poll questions and results

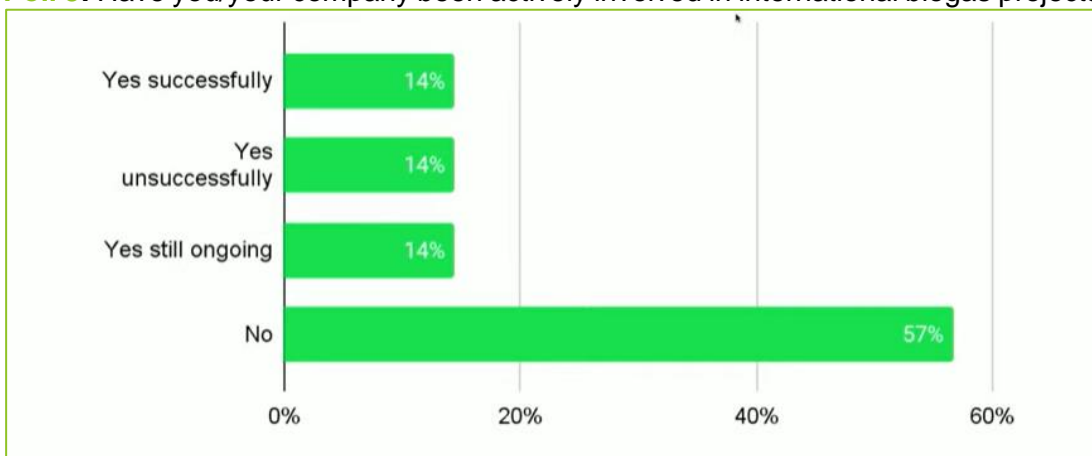
- **Poll 1:** Which global challenge provides you with the best arguments for biogas?



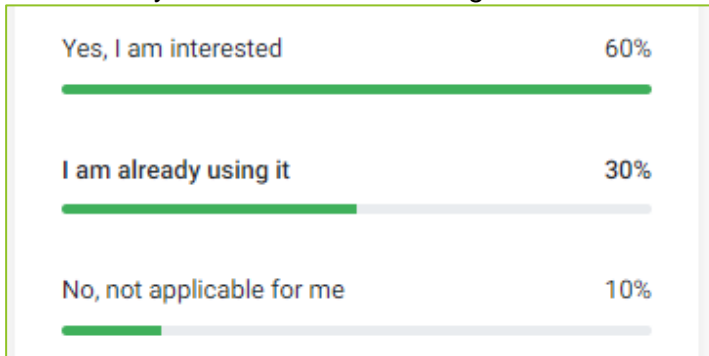
- **Poll 2:** What is the most important commodity Biogas provides in the country you work?



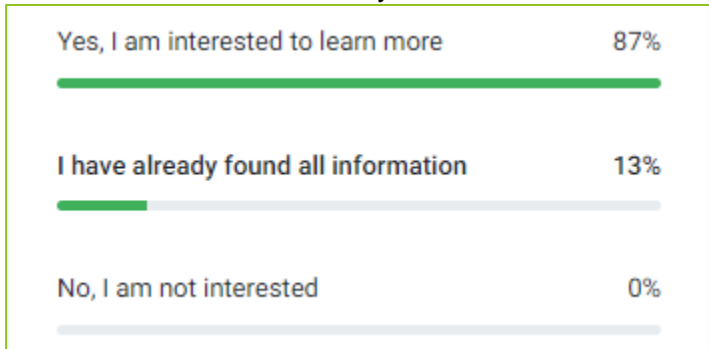
- **Poll 3:** Have you/your company been actively involved in international biogas projects?



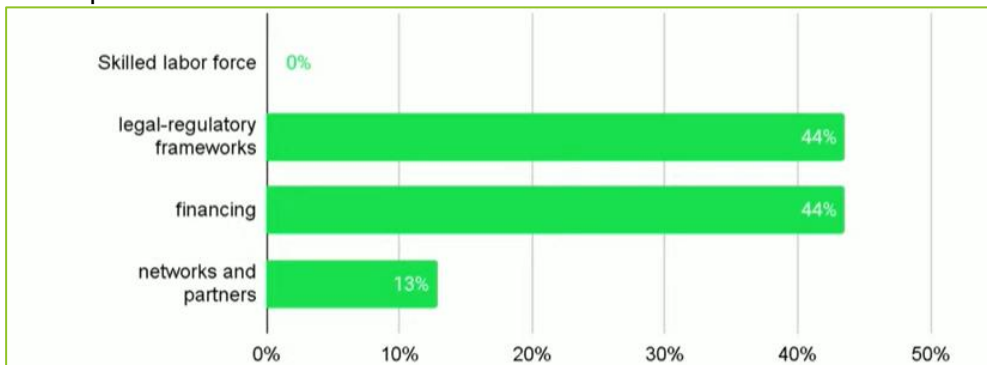
- **Poll 4:** Are you interested in the Biogas and Gasification Matchmaking platform?



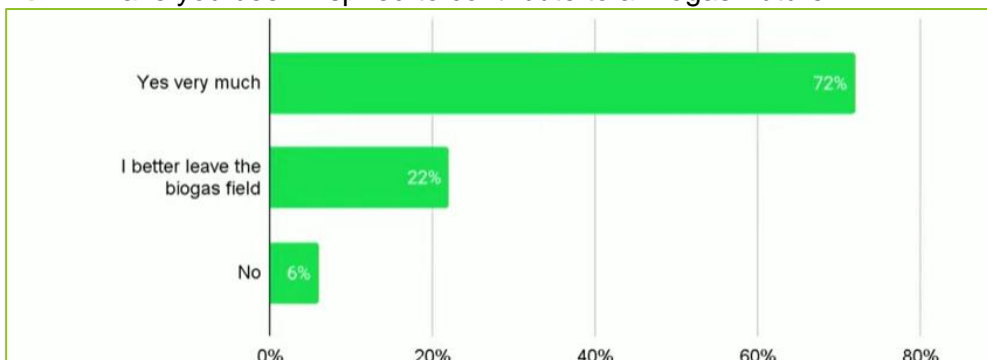
- **Poll 5:** Has the event raised your interest in the results and reports of the DiBiCoo



- **Poll 6:** What are the main obstacles from your perspective for successful biogas project development?




- **Poll 7:** Have you been inspired to contribute to a Biogas Future?



## 5.2 Presentations held at the Final Conference

### Session 1: Welcome from the DiBiCoo Consortium | Johannes Anhorn, GIZ





**Welcome  
from the Consortium**

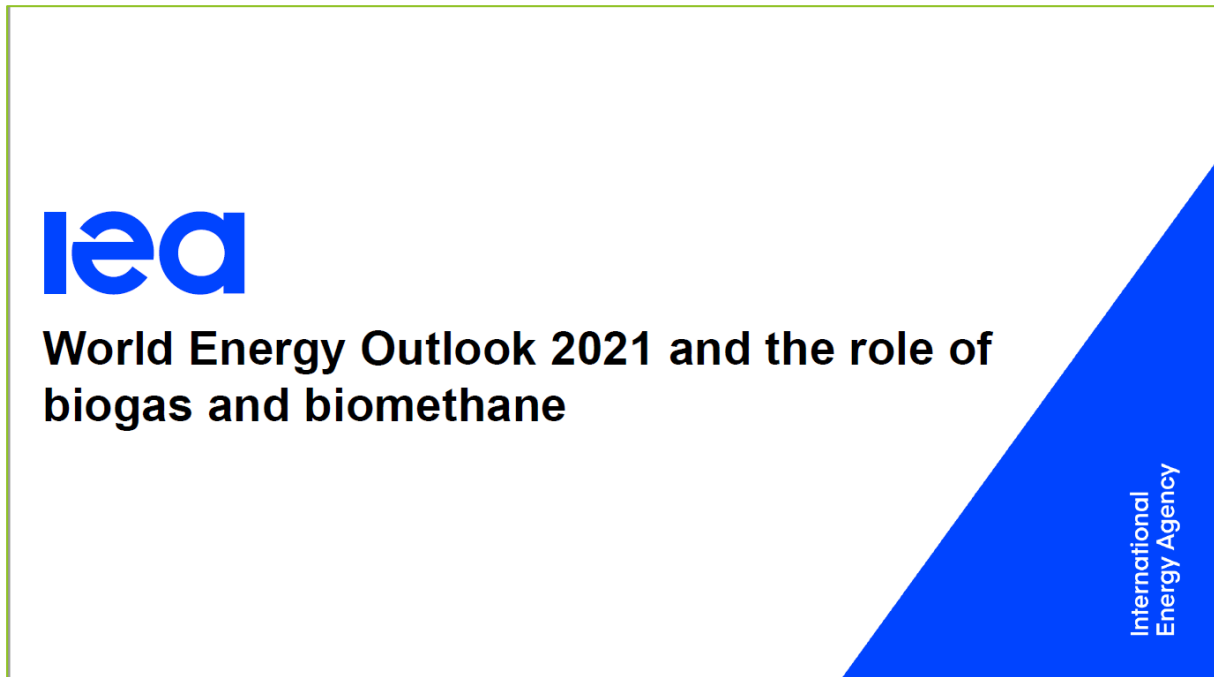
DiBiCoo – Final conference

*Dr. Johannes Anhorn (GIZ)*

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### Session 1: Keynote speech 1 “World Energy Outlook 2021 and the role of biogas and biomethane” | Peter Zeniewski, IEA



**iea**

**World Energy Outlook 2021 and the role of  
biogas and biomethane**

International  
Energy Agency

Session 1: Keynote speech 2 “Overview of the biogas sector in Europe” | Harmen Dekker, EBA



The voice of renewable gas in Europe

# Overview of the biogas sector in Europe

*Biogas for Future: DIBICOO project*

Harmen Dekker, CEO of the EBA  
[dekker@europeanbiogas.eu](mailto:dekker@europeanbiogas.eu)

Session 2: DiBiCoo presents “Matchmaking Platform: Identifying suitable business partners worldwide” | Aleksejs Zacepins, LLU



DiBiCoo Final Conference– Biogas for Future

## Biogas and Gasification Matchmaking Platform: Identifying suitable business partners worldwide

A.Zacepins, V.Komasilovs,  
M.Reinhard, F.Hofmann




 Latvia University of Life Sciences and Technologies

 Fachverband BIOGAS  
German Biogas Association

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 Digital global Biogas Cooperation



**Session 2: DiBiCoo presents “Knowledge exchange on biogas related topics” | Chuan Ma, WIP**



# Knowledge Exchange and Capacity Building on Biogas

Chuan Ma, Dominik Rutz, Stefanie Leanza  
WIP Renewable Energies

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**Session 2: DiBiCoo presents “Setting up new biogas projects in emerging countries” | Bernhard Wlcek, AEA**



# Setting up new biogas projects in emerging countries

DiBiCoo – Final conference

Bernhard Wlcek  
Austrian Energy Agency



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Session 2: DiBiCoo presents “Lessons learned and impact – 3 years of DiBiCoo and way forward” | Johannes Anhorn, GIZ



**giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

# Lessons Learned and Impact 3 years international collaboration

DiBiCoo – Final conference

*Dr. Johannes Anhorn (GIZ)*



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Session 2: Deep Dive “Market and policy frameworks in the target countries” | Elisabeth Rianawati, RDI



# Market and policy frameworks in the target countries

## DiBiCoo Final Conference

21 June 2022



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Session 2: Deep Dive “The European biogas sector and its synergies with developing markets” | Mieke Decorte, EBA

# Biogas for Future *DiBiCoo Final Conference*

## The European biogas sector and its synergies with developing markets

Mieke Decorte  
EBA Technical & Project Manager



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## 6. DiBiCoo Consortium Partners

### Coordinator



### Partners from exporting countries



### Partners from importing countries







# Digital global Biogas Cooperation

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

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DiBiCoo consortium if not otherwise stated.

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