

**Selection of Importing Countries:** The target countries (importing countries) selected for the DiBiCoo proposal are Argentina, Ethiopia, Ghana, Indonesia and South Africa. These countries have been selected because of the high market potential for biogas projects in the country, along with favourable regulatory environment and support schemes in each of these countries.

**Implementation:** The project is implemented by a consortium of 13 members from all the target countries and Europe, comprising of several biogas associations and think tanks on renewable energy. The structure of the DiBiCoo project includes eight work packages with specific deliverables and milestones.

**Coordination and Funding:** The 33 month project is coordinated by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, as a lead partner with a budget of 2.99 Mio EUR. DiBiCoo received funding from the European Union's Horizon 2020 Research and Innovation Programme.

## KEY IMPACTS



Facilitate the introduction of biogas technologies and increase the share of renewable energy in final energy consumption;



Lead to substantial and measurable optimisation of project developments, whilst still fully address the need for environmental impact assessments and public engagement;



Develop evidence based policy, market support and financial frameworks, notably at national, regional and local level, leading to more cost-effective support schemes and lower financing costs for RES facilities.

## CONSORTIUM MEMBERS



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## BACKGROUND

Biogas has proved its potential as a versatile energy carrier, to meet the growing demand for heating, power and fuel. In the European Union, biogas plants have an installed electric capacity of 11 GW with Germany leading the sector worldwide. The Digital Global Biogas Cooperation (DiBiCoo) project is an effort to link European technology providers with emerging and developing markets for new investment opportunities and knowledge transfer.

## OBJECTIVE

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

This will be achieved by the development and application of innovative digital and non-digital support tools and actions, by knowledge transfer and capacity building as well as by the preparation of demo cases up to the investment stage. The project aims to increase the share of renewable energies, in the importing countries and will help mitigate GHG emissions. The project also contributes to the UN Sustainable Development Goal (SDG 7) for ‘Affordable and clean energy’, among others.

## AIM



Facilitate cooperation between relevant stakeholders in the biogas industry from Europe, and stakeholders from developing and emerging countries.



Share information on available European technologies as well as on the framework conditions, market opportunities, research needs, financing opportunities and project ideas in the potential importing countries.



Develop digital support tools for capacity building, networking and an online information system to facilitate technology exports and act as a database for interested stakeholders.



Support the development of at least five biogas projects in target countries as “demo cases” up to, or close to the investment stage.



Promote and improve national, regional and local policies, supporting further market uptake in the target countries by developing and disseminating best practices.

## KEY PROJECT FACTS

**Technology Focus:** In the DiBiCoo project, the main focus is on biogas and biomethane value chains based on anaerobic digestion (AD) technologies. Solid waste and residues that cannot be treated by AD as a potential feedstock source, are also considered in DiBiCoo through gasification technologies.

## Cooperation Model:

### Exporting countries

Europe

### Stakeholders

European biogas industry: manufacturers, technology developers, equipment suppliers, project developers.

### Challenges

Untapped export opportunities.  
Commitments to support emerging and developing markets.

New Markets



Knowledge, Technology, Funding

### Importing Countries

Developing and emerging countries: Argentina, Ethiopia, Ghana, Indonesia, South Africa.

### Stakeholders

Project developers, food and agro-industries, farmers, decision makers, politicians.

### Challenges

Supplying bio - waste management and renewable energy.