



ISABEL will unfold simultaneously in three regions across Europe, located in the United Kingdom, Germany, and Greece. There, ISABEL will attempt to set up and grow local biogas communities and provide them with the necessary tools and support to develop and manage their local biogas production and consumption.

Q-PLAN INTERNATIONAL (Greece, Coordinator)

INSEAD
The Business School for the World® (France)

FNR
Fachagentur Nachwachsende Rohstoffe e.V. (Germany)

UNIVERSITY OF SURREY (United Kingdom)

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sustainable biogas community
Project duration
January 2016 - December 2018

Triggering Sustainable Biogas Energy Communities through Social Innovation

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Local community

ISABEL is focused on local and small-scale production and consumption of biogas. We operate under the assumption that local biogas supply chains are best organised when all stakeholders, including citizens, are involved in the governance and decision-making processes.

To realise this vision, ISABEL launches local interventions with the aim to create new and support existing communities of biogas supporters in co-developing and testing different cooperative models, tailored to local conditions, needs, and expectations.



emPOWERment

ISABEL strives to empower communities to realise their local vision by providing them with:

- **Expert advice and information** on all aspects of AD Biogas and community energy
- A **digital collaborative platform** and specialised tools for planning and development
- **Hands-on collaboration and innovation** workshops and events (36 events in total)
- Targeted **awareness campaign** and **online presence** (reaching >3000 stakeholders)
- **Access to policy-makers** and authorities
- A **platform to share knowledge and resources** with similar initiatives across Europe



Sustainable Biogas

ISABEL promotes Biogas produced through **Anaerobic Digestion (AD) of organic waste**. This process is considered to be fully sustainable as it has the following advantages:

1. It can function on **100% organic waste** without requiring energy crops
2. It is a **zero-sum GHG emissions** process
3. It produces **usable by-products**
4. It is suitable for **small-scale production**
5. It is **synergistic with other renewables** (e.g. solar and wind)
6. There is a **plethora of alternative uses** for the Biogas



ISABEL Outcomes

- Local **“Biogas Social Innovation Platforms and Communities”** (one per region)
- ISABEL **online portal and tools**
- Validated **Service Portfolio**
- Plans for **Sustainable Biogas production**
- **Monitoring and evaluation** methodology
- Analysis of **local perceptions and specificities**
- **Best Practises & Replication** Guide
- **Policy recommendations**

