

## **ISABEL**

***“Triggering Sustainable Biogas Energy Communities through Social Innovation”***

***GA Number 691752***

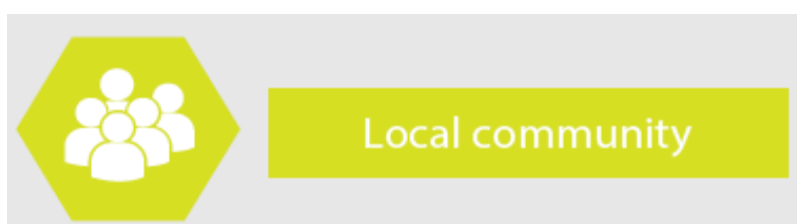
### **ISABEL INTERNATIONAL WORKSHOP**

<b>Date:</b>	<b>20<sup>th</sup> April 2018</b>
<b>Location:</b>	<b>Szczecin, Poland</b>
<b>Venue:</b>	<b>West Pomeranian University of Technology Szczecin Zachodniopomorski Uniwersytet Technologiczny Wydział Inżynierii Mechanicznej i Mechatroniki PL 70-310 Szczecin, al. Piastów 19 Sala Senatu GPS Coordinates: 53.4236213 , 14.5327752,17</b>
<b>Registration:</b>	<b><a href="mailto:D.PiedraGarcia@fnr.de">D.PiedraGarcia@fnr.de</a></b>

## Promoting, supporting and developing community biogas in Europe

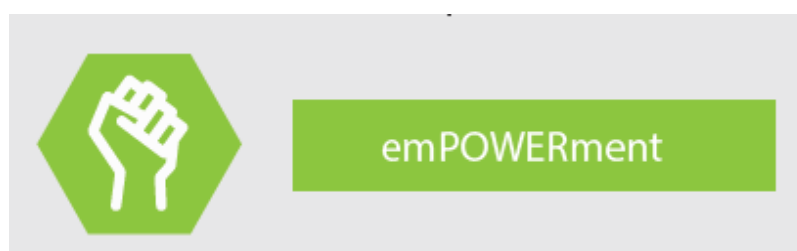
ISABEL is about promoting, supporting and developing **community biogas** in Europe. The project is set on providing all the framework conditions for biogas communities to shape, develop and thrive and works on all angles in order to pave the way for the transition from traditional supply chains to **community ownership** and to take full advantage of the ample societal benefits of local community-driven biogas systems, fuelled and inspired by **social innovation** principles.

ISABEL will unfold simultaneously in three regions across Europe, located in the **United Kingdom** (Yorkshire and Humber), **Germany** (Baden-Württemberg), and **Greece** (Central and Eastern Macedonia & Thrace). The three targeted countries and regions are notably in different phases of maturity and development, providing a complementary synthesis of evidence. For realising its aims and objectives the project brings together and uses as a **baseline the following three pillars**.



### Local community

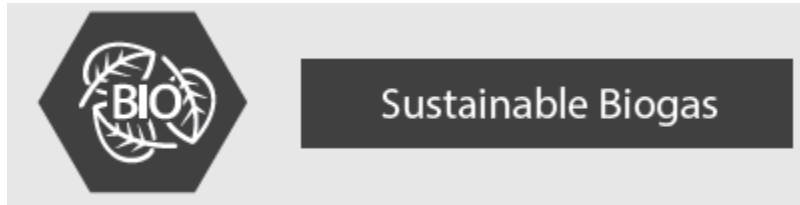
ISABEL is focused on local and small-scale production and consumption of biogas and operates under the assumption that local biogas supply chains are best organised when all stakeholders, including citizens, are involved in the governance and decision-making processes. In support to this vision, ISABEL launches local interventions with the aim to create new and support existing biogas communities in co-developing and testing different cooperative models, tailored to local contexts.



### Empowerment

ISABEL strives to empower communities to realize 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 specialized 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 includes a clear set of advantages:

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

**Friday, 20 April 2018**

<b>Time</b>	<b>Topic</b>	<b>Discussion leader(s)</b>
<i>9:15 – 9:30</i>	<b>Welcome Coffee</b>	
<i>9:30 – 9:40</i>	<b>Introduction of ISABEL – workshop scope</b>	FNR
<i>9:40 – 10:00</i>	<b>Is the energy policy of the European Union really sustainable?</b>	UEK
<i>10:00 – 10:20</i>	<b>ISABEL activities to create awareness and engage stakeholders from other regions of Europe</b>	FNR
<i>10:20 – 10:40</i>	<b>Bioenergy Communities in Germany</b>	LCF
<i>10:40 – 10:50</i>	<b>Discussion</b>	
<i>10:50 – 11:10</i>	<b>Potential use of Stalk biomass</b>	LFA MV
<i>11:10 – 11:30</i>	<b>Experience using low-bog biomass in a heating plant</b>	Agrotherm GmbH
<i>11:30 – 12:00</i>	<b>Renewable energy communities in Poland</b>	ZUT / UPP
<i>12:00 – 13:00</i>	<b>Discussion</b>	
<i>13:00 – 14:00</i>	<i>Lunch break</i>	
<i>14:00 – 14:30</i>	<b>Brainstorming for the implementation of renewable energy communities in Poland</b>	FNR / SURREY
<i>15:30 – 15:45</i>	<i>Coffee break</i>	
<i>15:45– 16:00</i>	<b>Lessons learned</b>	SURREY
<i>16:00</i>	<i>End of workshop</i>	

### Participants

	Organisation	Acronym	Country	Participant
1	Agency for Renewable Resources	FNR	Germany	Diego Piedra-Garcia
				Franziska Nych
2	Lake Constance Foundation	LCF	Germany	Dimitri Vedel
3	University of Surrey, Department of Sociology, Centre for Research in Social Simulation	SURREY	UK	Ananya Mukherjee
4	West Pomeranian University of Technology Szczecin	ZUT	Poland	Wojciech Zbaraszewski
5	Landesforschungsanstalt für Landwirtschaft und Fischerei Mecklenburg-Vorpommern	LFA MV	Germany	Telse Vogel
6	Agrotherm GmbH		Germany	Ludwig Bork
7	University of Economics in Katowice	UEK	Poland	Agnieszka Lorek
8	Poznań University of Life Sciences	UPP	Poland	Dariusz Pieńkowski

Google Maps (2018). Faculty of Mechanical Engineering and Mechatronics ZUT

<https://www.google.pl/maps/place/Wydział+C5%82+In+C5%BCynierii+Mechanicznej+i+Mechatroniki+ZUT/@53.4236213,14.5327752,17z/data=!3m1!4b1!4m5!3m4!1s0x47aa0923aa9b4c45:0x35aed802cf7eef1718m2!3d53.4236213!4d14.5349639>

