

SAVE THE DATE

DANUBIONET 2nd OPEN

INNOVATION WORKSHOP



Date: 25th of October, 2016

Venue: Timisoara, Romania

PANNON Pro Innovations Ltd. and Central European Initiative proudly announce the second open innovation workshop of the DANUBIONET project. Challenge to work on and industrial relevance are provided by the Hungarian Biogas Association in cooperation with Banat's University of Agricultural Sciences and Veterinary Medicine of Timișoara, the Romanian Sustainable Energy Cluster (ROSENC) and Archenerg Cluster from Szeged.

Here, we invite you a lively discussion and exchange of ideas, hence we encourage stakeholders with different backgrounds and of different sectors to apply, in case you feel you can contribute to the discussion on

How the biogas technology can help the development of new solutions within the circular bioeconomy concept and create new supply chains using new feedstock or new approaches to deliver not only energy but variety of bio-based materials.

If you wish to contribute to advancing the bioeconomy and strengthen collaboration with other stakeholders from the Danube Region please participate in the DANUBIONET survey available at <http://bit.do/DANUBIONET>



DANUBIONET is a pilot activity, implemented in the framework of Danube-INCO.NET project.

Danube-INCO.NET is a coordination and support action funded by the EU under FP7 to support the EU Strategy for the Danube Region in the field of research and innovation.

<https://danube-inco.net/>



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What is open innovation?

“Open innovation is the use of purposive inflows and outflows of knowledge to accelerate internal innovation, and expand the markets for external use of innovation, respectively. [This paradigm] assumes that firms can and should use external ideas as well as internal ideas, and internal and external paths to market, as they look to advance their technology.”

As defined by Henry Chesbrough author of the book “Open Innovation: Researching a New Paradigm (2006)”. In a simple way, when companies cannot or don't want to invest in R&D from the beginning but rather decide to publish challenges and gather potential solutions from anywhere.

What is the main focus of the event?

The main focus of the event is to work together with the experts of the Hungarian Biogas Association in a facilitated and interactive manner to find solutions to the challenge. Diverse competencies of the organizers and the well-recognized invited speakers will guarantee a fruitful one day event where the know-how of different stakeholders can be merged and help to overcome a real industrial challenge. Moreover, based on the answers of the DANUBIONET survey the workshop will steer the co-development process into the direction to bridge the gaps usually faced on bioeconomy project developments.

The agenda is currently under development but it will include team work with help of facilitators and pitching of the idea in front of a jury including a representative of the challenge owner.

What is the challenge?

This occasion, the Hungarian Biogas Association seeks solutions and start discussion about the position and benefits of the biogas technology in the wider concept of circular bioeconomy and how it could help exploitation of new feedstock and approaches to produce energy and bio-based materials at the same time.

Sustainable utilisation of biomass plays an important role in circular bioeconomy because it can be used not only for energy but also as feedstock for bio-based materials (fertiliser, biochar, etc.) Organic waste and agricultural by-products can be turned into valuable resource if the necessary processing techniques and logistical channels are developed and put into practice.

For this reason to use of already existing biogas plants for the implementation of new technology solutions are welcome—by new feedstock sources or proposal on how to put the biogas plant into the context of the circular bioeconomy by new approaches. As a hint, you can consider the further use and processing of all the outputs. The proposed novel strategy places biogas technology into the hub of the renewable energy production and utilization network. All ideas ranging from bio-hydrogen, algae, bioplastics and something we have never heard of are more than welcome.

Why should I participate?

We have several reasons to consider your participation. Firstly, now you have the opportunity to test your knowledge in relation to real industrial challenges and work together with challenge owner. If any of the partners likes your idea this may result in long term cooperation. An outstanding opportunity to turn your ideas to industrial reality. Secondly, we aim to foster cooperation and project generation, hence you can meet like-minded people, discuss with them, find complementary competences and start making projects. Thirdly, you can practice a new approach and learn from facilitators how to turn ideas into business development and pitch your thoughts. Last but not least, we are considering prizes for the teams and also travel reimbursement is offered. Hope, we have convinced you but we are open for your questions.

What are the next steps?

Please start thinking on potential solutions and soon, latest by mid of August we will publish an Expression of Interest form. If you want to make it sure to receive this form, send the organizers an email. Formally, you can apply by filling this form and returning this to us by a deadline of mid September. Then we will quickly assess the applications, short list them and invite the best 4 or 5 who will also enjoy our generous travel reimbursement.

Application is open for individuals and teams of individuals up to 5 members. Teams are preferred with a complementary composition and competences.

PANNON Pro Innovations Ltd. is a private consultancy providing a wide range of project and innovation management activities. Our key topics are sustainability, energy, climate change and bioeconomy. As an innovation management agency on a mission to make ideas work, we are bringing promising R&D developments to market. As a strategic consultancy dedicated to low carbon economy transition we support our clients to become innovative and resilient.

The **Central European Initiative** is one of the largest and oldest intergovernmental fora active in Central-, East- and South-East Europe, encompassing 18 Countries with a population of about 240 million. Since 1989, the CEI is committed to supporting European integration, and is actively promoting cooperation among its members and with a variety of stakeholders from all sectors. The CEI pursues its goals through a combination of multilateral diplomacy, programme and project management. Cooperation in the field of R&I being on top its agenda, the CEI aims at facilitating the links between science, academia and entrepreneurship in a regional perspective.

The **Hungarian Biogas Association** (HBA) aims to bring together research, development institutes, agricultural and industrial organizations, various experts, politicians and any other citizens interested in the future of renewable energy and environmental safety. As non-governmental civil organization HBA organizes different events to promote biogas and lobby. HBA developed close collaborations with other organizations in renewable energy in Hungary and it is a founding member of the European Biogas Association. HBA has an active membership of more than 100 companies, biogas facilities, agencies, research institutions .

Banat's University of Agricultural Sciences and Veterinary Medicine of Timișoara, established in 1945, by a decree issued by King Mihai (Michael) I of Romania, provides a vibrant and stimulating intellectual environment on the Danube-Kris-Mures-Tisza Euroregion, generating new concepts and developing models for agricultural structures, to integrate within the circular bioeconomy and to create new supply chains using agricultural materials.

ArchEnerg was established in 2007 with the aim of creating an economic and social model based on renewable energy efficiency that moves green economy enterprises and society towards a more sustainable future. It has steadily held a certificate of Accredited Innovation Cluster title since 2009. ArchEnerg have acquired the ECEI Gold Label certificate. The Cluster has 55 members: 50 SMEs, 2 large companies, and 3 academic institutions.

ROSENC Cluster was founded in 2011, and it has been gathering so far 63 members from all sectors. The common aim of the members is to promote Romania, the West Region and Timis county as leader in the fields of renewable energy, energy efficiency and the new sustainable energy fields and to participate in international networks.

For additional information on the

DANUBIONET

Open innovation workshop please contact

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