

Preliminary Program

11-13 October 2022

Schwäbisch Hall, Germany

Progress in Biomethane-Mobility

International Conference, Trade exhibition and Excursion

Venue: Neubausaal, Rosenbühl 14, 74523 Schwäbisch Hall

SCIENCE meets PRACTICE

Tuesday, October 11, 2022

09:00 **Registration**

10:00 - 10:15 **Welcome**

INTRODUCTION & FRAMEWORK CONDITIONS

Latest developments in the use of biomethane in the transport sector, *Harmen DEKKER, CEO - European Biogas Association, Belgium (EN)*

Perspectives for existing biogas plants – For which plants is biomethane for grid injection or for local vehicle fuel supply a bright future?, *Dr.-Ing. Frank SCHOLWIN, Institut für Biogas, Kreislaufwirtschaft & Energie (EN)*

Biomethane Next Level: high quality fuel with CCS, *Constantin VEITL, Landwärme GmbH, Germany (DE)*

GHG tool for optimal greenhouse gas accounting according to RED II in the biomethane fuel sector, *Helena KARATASSIOS, agriportance GmbH, Germany (DE)*

12:15 - 13:45 **Lunch + Exhibition**

DEVELOPMENTS IN BIOGAS UPGRADING TECHNOLOGIES

Biological methanation by GICON®-trickle bed process - an upgrade for conventional biogas plants allows supply of “green” natural gas, *Dr.-Ing. Marko BURKHARDT, GICON-Grossmann Ingenieur Consult GmbH, Germany (EN)*

The Triple-A process (AmbientAminAbsorption) - Optimized gas scrubbing for an integrated expansion of biomethane production in small scale biogas plants, *Joshua GÜSEWELL, Stuttgart University, Deutschland (EN)*

The hot potassium carbonate: an appealing solution for biomethane production and flue gas treatment, *Walter GIACOPINI, Green Methane, Italy, (EN)*

Biomethane injection and how do we keep it with own electricity and process heat, *Alfons HIMMELSTOSS, AEV Energy GmbH, Germany (DE)*

BEST PRACTICE EXAMPLES

Pilot SBG - Bioresources and hydrogen to methane as fuel, *Dr.-Ing. Marcel POHL, DBFZ Deutsches Biomasseforschungszentrum gemeinnützige GmbH, Germany (DE)*

Biomethane from WWTP Franca/Brazil - Results and challenges, *Rosane EBERT MIKI, Federal University of Santa Maria - RS/Brazil (EN)*

16:30 - 17:00 **Break + Exhibition**

INNOVATION FORUM

Bio-LNG as a key decarbonization technology and the experience of AB on bio LNG projects in Italy and Germany, *Enrico CALZAVACCA, AB Energy, Italy (EN)*

Field report from the planning and construction process of biomethane plants, *Jörg HIECKE, GICON-Grossmann Ingenieur Consult GmbH, Germany (DE)*

Green fuels from farm manure - Practical report and future concept for plant operators, *Hermann BENNING, revis Bioenergy GmbH, Germany (DE)*

BIOPRO Baden-Württemberg: Joining Forces - Guiding Innovation, Partner for Companies and Research Institutions, *Tommy Alexander Schmid, BIOPRO Baden-Württemberg GmbH, Germany (DE)*

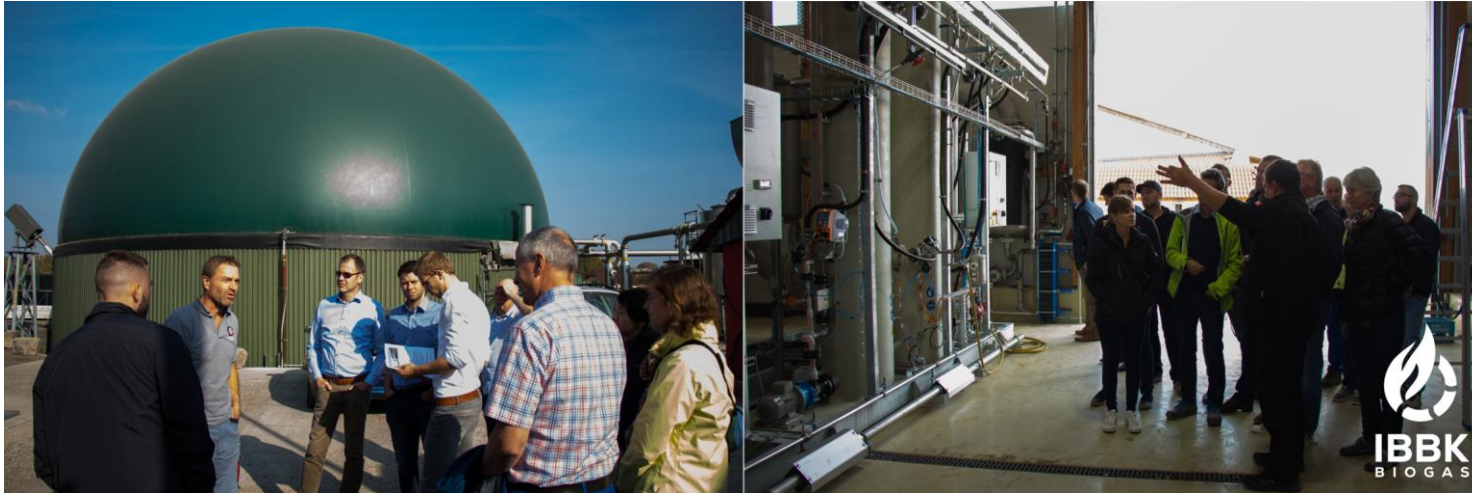
18:30 **End of the first day**

Wednesday, October 12, 2022

09:00	CLIMATE-NEUTRAL MULTI-TALENT BIOMETHANE
	<p>Current factors influencing the operating perspective of natural gas filling stations with biomethane, <i>Thomas DEEG, Stadtwerke Schwäbisch Hall GmbH, Germany (DE)</i></p> <p>The hybrid biogas buses of Stadtwerke Augsburg, <i>Klaus RÖDER, Stadtwerke Augsburg Verkehrs-GmbH, Germany (DE)</i></p> <p>Comparative consideration of economic, ecological and social aspects of biomethane production, <i>Andreas HERMANN, TU Bergakademie Freiberg, Germany (DE)</i></p>
10:30 - 11:00	Break + Exhibition
	GREEN GASES
	<p>The sustainable BioCNG drive for almost any application - Current truck, bus, tractor and car models and their use, <i>Thomas WÖBER, gibgas consulting, Germany (DE)</i></p> <p>A generator-electric powered city bus with regional bio-LNG as fuel, <i>Jochen LAUER, Lauer & Weiss GmbH, Germany (DE)</i></p> <p>Combined production of BioLNG as fuel and CO₂ for dry ice production for food manufacturers, <i>Andreas LINGER, ARCANUM Energy Systems GmbH & Co., Germany (DE)</i></p>
12:30 - 14:00	Lunch + Exhibition
	<p>Model Region Bio-LNG a Lower Saxony Pilot Project, <i>Michael KRALEMANN, 3N Competence Center, Lower Saxony Network Renewable Resources and Bioeconomy e.V., Germany (DE)</i></p> <p>Hydrogen from biogas - potentials, sustainability and challenges, <i>Maximilian SCHLEUPEN, RWTH Aachen, Germany (DE)</i></p> <p>Development of an innovative process chain for the production of resource-efficient biomethane-based fuels, <i>Elena HOLL, University of Hohenheim, Germany (DE)</i></p>
15:30 - 16:00	Break + Exhibition
	PRACTITIONER EXPERIENCES
	<p>Small biogas upgrading plants for gas grid injection and vehicle refueling, <i>Ueli OESTER, Apex AG, Switzerland (DE)</i></p> <p>How biogas island filling stations make energy self-sufficient farming a reality - A field report, <i>Dr. Victor ANSPACH, Genossenschaft Ökostrom Schweiz, Switzerland (DE)</i></p> <p>15 years of experience in project management and service of biomethane plants - conclusions for future projects, <i>Ulf RICHTER, Richter Ecos GmbH, Germany (DE)</i></p> <p>A best practice in responding to the challenges of water and energy supply scarcity by implementing circular economy concept in Bangka Island Indonesia, <i>Ahmad NAHWANI, Muhammadiyah University Bangka Belitung, Indonesia (EN)</i></p>
18:00	End of the second day

Thursday, October 13th, 2022

As part of the conference "Progress in Biomethane Mobility", on the third day, 13th October 2022, an excursion to two selected regional biomethane projects will take place.



During these visits, you will get to see innovative and established biomethane-mobility concepts first-hand. This tour will be guided by experts from IBBK and the technology provider or operator on site, answering all of your questions.*

Plant visit 1

Biogas upgrading plant which is producing around 30 million kilowatt hours environmentally friendly biomethane per year.

Plant visit 2

Biogas plant to be confirmed.

Language: GERMAN/ENGLISH

(*excursion locations to be fully confirmed shortly)

Registration:

The Early Bird for the conference is now open. Save 100€!

Further information and registration for this event under

<https://ibbk-biogas.com/schedule/progress-in-biomethane-mobility/registration/>

Got questions? Get in touch with us: +49 (0) 7954/926203 or sal@ibbk-biogas.de

How to get to Schwäbisch Hall:

Schwäbisch Hall is situated in South Germany. The closest airports to the venue are Stuttgart and Nürnberg - both around 125 km away. For public transportation, there are trains both from Nürnberg and Stuttgart with only one train switch necessary in Schwäbisch Hall-Hessental.

IBBK Fachgruppe Biogas GmbH - Am Feuersee 6 - 74592 Kirchberg an der Jagst