

## PROGRAMME 15<sup>th</sup> OF MAY 2023

11:00-12:00	<b>Registration</b>
12:00-13:00	<b>Lunch</b>
	<b>Renewable methane – policy, potential and status</b>
13:00-13:20	<b>Jörgen Held &amp; Frank Scholwin</b> <i>Welcome and conference introduction</i>
13:20-13:40	<b>Giulia Cancian</b> , European Biogas Association <i>REPowerEU and the Renewable Energy Directive</i>
13:40-14:00	<b>Diane Saber</b> , REEthink, Inc. <i>RNG in North America: Specifications and Verification and Monitoring Programs</i>
14:00-14:20	<b>Constantin Veitl</b> , Landwärme GmbH <i>Biomethane now more than ever; Perspectives for biogas processing</i>
14:20-14:30	<b>Questions</b>
14:30-15:15	<b>Coffee break &amp; poster session</b>
	<b>Renewable methane - synergies between different conversion routes and sector coupling</b>
15:15-15:35	<b>Ruxandra Cimpoaia</b> , National Research Council Canada <i>Synthesis gas composition variation and its effect on biological methanation</i>
15:35-15:55	<b>Robert Steinberger-Wilckens</b> , University of Birmingham <i>The Zero-Carbon Methane Cycle</i>
15:55-16:15	<b>Karin Naumann</b> , DBFZ <i>Pilot system synthesized biogas</i>
16:15-16:30	<b>Questions</b>
16:30-16:40	<b>Short break to stretch the legs</b>
	<b>Electricity enhanced processes</b>
16:40-17:00	<b>Andrius Tamosiunas</b> , Lithuanian Energy Institute <i>Experiences of syngas from various feedstocks by electro-chemical conversion – plasma gasification</i>
17:00-17:20	<b>Bernhard Drosig</b> , University of Natural Resources and Life Sciences <i>Different approaches for utilising hydrogen in gas fermentation</i>
17:20-17:30	<b>Questions</b>
17:30-18:30	<b>Network Plus</b>

<b>19:30</b>	<b>Welcome drink</b>
<b>20:00-22:00</b>	<b>Conference dinner</b>
<b>22:00-23:00</b>	<b>Mingle</b>

Did you know that...

- In Sweden, CBG (compressed biogas) surpassed CNG (compressed natural gas) as vehicle fuel in 2006 and in 2022 the share of CBG sold as vehicle fuel reached 96%. For LBG (liquefied biogas), the share was 65%.

*Source: SCB Statistics Sweden*

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	<b>Upgrading and liquefaction</b>
<b>09:00-09:20</b>	<b>Robert Aranowski</b> , Gdansk University of Technology <i>The Spinning Fluids Reactor – a novel upgrading technique</i>
<b>09:20-09:40</b>	<b>Sander Reijerkerk</b> , Arol Energy <i>Production routes of green methane and hydrogen from processing and purification of gasification exhaust gases</i>
<b>09:40-10:00</b>	<b>Yannick Rouaud</b> , Air Liquide Advanced Technologies <i>BioLNG for heavy mobility</i>
<b>10:00-10:15</b>	<b>Questions</b>
<b>10:15-10:45</b>	<b>Coffee break</b>
	<b>Methanation and syngas fermentation</b>
<b>10:45-11:05</b>	<b>Marcelo Andrade</b> , MicroPyros BioEnerTec GmbH <i>BioFARM: Discovering the limits of biological methanation</i>
<b>11:05-11:25</b>	<b>Marko Burkhardt</b> , GICON GmbH <i>Energetic efficiency increase of biological methanation in the trickle bed process</i>
<b>11:25-11:45</b>	<b>Anni Alitalo</b> , Q Power Oy <i>Q Power and P2X Solutions lead the change with Finland's first industrial scale synthetic methane plant</i>
<b>11:45-12:00</b>	<b>Questions</b>
<b>12:00-13:00</b>	<b>Lunch</b>

## PROGRAMME 16<sup>th</sup> OF MAY, CONT. 2023

	<b>Practical experience of demo and commercial scale installations – Part A</b>
<b>13:00-13:20</b>	<b>Stig Amdam</b> , Hyperthermics AS <i>Hyperthermophilic pre-treatment to increase biogas yield – Experience from Hyperthermics' first Mobile Test Unit (MTU) with agricultural-based substrate</i>
<b>13:20-13:40</b>	<b>Christian Eilert</b> , EnviTec Biogas AG <i>Bio-LNG: production, advantages, concepts &amp; experiences</i>
<b>13:40-14:00</b>	<b>Magnus Folkelid</b> , Wärtsilä Gas Solutions <i>Biological methanation of Syngas from gasification with Energy system approach to increase energy efficiency</i>
<b>14:00-14:20</b>	<b>Tobias Ziereis</b> , AB Energy Deutschland GmbH <i>Bio-LNG as a key decarbonization technology and the experience of AB on Bio-LNG projects in Italy and Germany</i>
<b>14:20-14:35</b>	<b>Questions</b>
<b>14:35-15:10</b>	<b>Coffee break &amp; poster session</b>
	<b>Practical experience of demo and commercial scale installations – Part B</b>
<b>15:10-15:30</b>	<b>Rolf Ljunggren</b> , Cortus Energy AB <i>WoodRoll® - Ultraclean syngas for value adding applications</i>
<b>15:30-15:50</b>	<b>Alexey Mozgovoy</b> , HZ Inova BioMethan GmbH <i>Biogas value chain of HZI: biogenic CO<sub>2</sub>, liquid biomethane and PtG</i>
<b>15:50-16:10</b>	<b>Espen Govasmark</b> , Antec Biogas AS <i>Increased Biogas Performance under challenging operating conditions in new Biofilm-Plug Flow Reactor</i>
<b>16:10-16:30</b>	<b>Larissa Brito</b> , ENGIE <i>Demonstration of a flexible and efficient fluidized bed technology for syngas and direct biogas methanation</i>
<b>16:30-16:45</b>	<b>Questions</b>
<b>16:45-17:00</b>	<b>Frank Scholwin &amp; Jörgen Held</b> <i>Conference summary</i>