

# 1<sup>ST</sup> POLISH BIOGAS CONGRESS

BIOGAS PLANT – DESIGN AND IMPLEMENTATION

## Monday - December 5th 2016

9:00 – 11:00	Registration of the Participants
11:00 – 11:10	Opening Ceremony
11:10 – 11:30	Opening Speech - Professor Jacek Dach, University of Poznan <i>Biogas in Poland and Europe - Comparison</i>
11:30 – 12:50	<b>Session I: Amendment of the Renewable Energy Sources Act and Expansion of the Biogas Sector in Poland</b> 1. Sylwia Koch-Kopyszek, Union of Producers and Employers of the Biogas Industry <i>Biogas Support System in Poland - Current Status</i> 2. Representative of a law firm from Warsaw, <i>Auctioning System - Working principle</i> 3. Representative of the National Fund for Environmental Protection and Water Management. <i>Financing the Biogas Plants within the framework of initiatives pursued by National Fund for Environmental Protection and Water Management</i>
12:50 – 13:10	Coffee Break
13:10 – 15:00	<b>Session II: Design - Investment - Implementation Stages of Construction Works Related to Biogas Plants</b> 1. <i>Biogas Facility Construction Works - Step by Step</i> 2. <i>Biogas Plants - Chance of Development for the Local Communities</i> How can you get the local community convinced about a biogas plant design? 3. Wojciech Łukaszek, Świętokrzyskie Region Bio Power Plants, <i>ELECTRA® Technology - Antidote for disadvantages of biogas energy?</i> 4. <i>Financing a Biogas project - Options.</i> 5. <i>Biogas Facilities Insurance</i>
15:00 – 15:45	Lunch
15:50 – 17:30	<b>Session III: Substrates and products of methane fermentation</b>
11:10 – 11:30	Opening Speech - Professor Jacek Dach, Poznan University of Life Sciences. <i>Substrate Types for Biogas Plants</i> 2. Daniel Niewiński, Limagrain <i>Silage Expert Programme</i> 3. dr Alina Kowalczyk – Juško, Poznan University of Life Sciences <i>Substrates for Biogas Plants Based on Energy Crops</i> 4. dr inż. Wojciech Czekala, Poznan University of Life Sciences <i>Optimum Digestate Management</i> 5. Paweł Nawrocki, Mechanika Nawrocki, <i>Aggregating the Digestate</i> 6. Piotr Oleśkowicz – Popiel PhD Eng. Hab., Poznan University of Technology <i>Lignocellulose Substrates at Biogas Plants</i>
17:30 – 18:50	<b>Session IV: Global Biogas Market - Current Situation and Trends</b> 1. Isaias Paulinio, <i>Biogas Potential of Brasil</i> 2. Anna Vavrushak, <i>Biogas Investments in Ukraine</i> 3. Zhou Mo, <i>Chinese Biogas Plants as a Smog-fighting Method</i> 4. Martina Conton European Biogas Association <i>European Biogas Market</i>
18:50 – 19:20	<b>Discussion Panel Summarizing the First Day of the Biogas Congress</b>
21:00	Dinner

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Tuesday - December 6th 2016

<b>9:00 – 10:40</b>	<b>Session V: Biogas Plant Economics</b> <ol style="list-style-type: none"><li>1. Professor Jacek Dach, Poznan University of Life Sciences. <i>Biogas Plant Coupled with Poultry, Pigs Slaughterhouse, Distillery or Dairy</i></li><li>2. <i>Co-Generation and Tri-Generation At Biogas Plants</i></li><li>3. <i>Could Biogas Plants, Manufacturing Biogas Different from the Agricultural Variety, Be Profitable?</i></li><li>4. Free Slot</li></ol>
<b>10:40 – 11:10</b>	Coffee Break
<b>11:10</b>	<b>Session VI: System Operation and Optimization of the Biogas Production Process</b> <ol style="list-style-type: none"><li>TUV SUD - Partner lecture <i>Certification</i></li><li>Andrzej Lewicki, PhD, Eng. <i>Optimization of Launch for Biogas Plants</i></li><li>3. SPC Naczepy - Partner lecture</li><li>4. Henryk Ignaciuk, <i>Unique Hydrogen-Biogas System</i></li><li>5. <i>German Biogas Technology in the Polish Market</i></li><li>6. <i>Utilizing Heat at Biogas Plants</i></li></ol>
<b>13:30 – 15:00</b>	<b>Session VII: Innovative Biogas Technologies</b> <ol style="list-style-type: none"><li>1. Damian Janczak PhD, Eng.; Dynamic Biogas, <i>Dynamic Biogas Technology</i></li><li>2. Professor Adam Cenian, University of Gdansk, Thermohydrolysis at Biogas Plants</li></ol> <p>Tomasz Oniszczyk PhD Eng.; <i>Extrusion of Lignocellulose Substrates,</i></p> <p>Eng. Olgierda Masłowski <i>Unconventional use of co-generation generators: Precious CO<sub>2</sub> (to be confirmed) or</i></p>
<b>15:00 – 15:30</b>	<b>Discussion Panel Summarizing the Second Day of the Biogas Congress</b>
<b>15:30</b>	Conclusion of the I Biogas Congress
<b>15:40</b>	Lunch

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