



Programme of the BIOGAZ 2010 Seminar

9.30 – 10:00 Registration of participants, welcome coffee

10:00 – 10:10 Official opening of the seminar, addresses

1st Session – Economy

The new EU renewable energy directive 2009/28/WE obliged the EU member states to prepare by the 30th of June 2010 National Renewable Energy Action Plans to 2020 (NREAPs), which requires *i.a.* the elaboration of detailed biogas Road Maps. Relevant support policies have been also implemented in respective U.S. federal states. It creates opportunity for exchange of experience and co-operation. This session will enable brainstorming for policy and international technology transfer, *moderator Maciej Stryjecki – President of Foundation for Sustainable Energy*

10:10 – 10:30 Biogas in National Renewable Energy Action Plans (NREAPs) to 2020 in selected UE countries - Road Maps for biogas sector development in the day before passing of NREAPs – *Franz Kirchmeyr, European Biogas Association*

10:30 – 10:50 Development plans of the U.S. biogas sector and the role of biogas in the reduction of greenhouse gases by 2020; examples from policies for dairy sector of selected States – possibilities of transferring the U.S. experiences to Poland – *Kimberly Valdes-Dapena, Economic Officer, US Embassy Warsaw*

10:50 – 11:05 Investment attractiveness of agricultural biogas according to national action plans to 2020 – *Franz Kirchmeyr, European Biogas Association*

11:05 – 11:20 Discussion with speakers and representatives: *Karol Malek - Polish Biogas Association, representative of Polish Federation of Cattle Breeders and Dairy Farmers, Monika Aniszewska - Association of National Dairy Cooperative Producers, moderators: Maciej Stryjecki – President of Foundation for Sustainable Energy, Grzegorz Wiśniewski – President of Institute for Renewable Energy*

11:20 – 11:50 Lunch break

2nd Session: Technology

German biogas support system determined strong position of energy crops in substrates market for biogas production. For Poland the production is optimal for utilization of agricultural and animal wastes. This session will focus on conditions for application of new substrates and technologies for biogas production in Poland such as injection to natural gas grid.

11:50 – 12:20 Important considerations when choosing technology for a robust biogas investment - *Jorgen Fink, Xergi A/S*

12:20 – 12:40 Up to date achievements and innovations in biogas technology gained in the currently implemented UE R&D projects – *representative of EWE Polska Sp Z o.o.*

12:40 – 13:00 Technological aspects of regional biogas plants as an example for solving organic waste problem - *Dr Andrzej Bogacki, NIRAS*

3rd Session: Law and Finance

The limited availability and high price of substrates leads the investors to often select difficult substrates such as slaughterhouse waste. The advantage is higher biogas/energy production, however, the disadvantage is higher expenses for sanitation. Additionally, discrepancies in legal regulations and lack of clear interpretation of law is visible especially in reference to after-fermentation residues as a fertilizer. Other things refer to interpretation of recent amendments of the Energy Law. Domestic and European investment financing sources for biogas for 2007-2013 are already nearly extinguished. New opportunities for financing of biogas investment with international framework will be presented such as the Green Investment Scheme (GIS), under the Kyoto Protocol.

13:00 – 13:20 Legal aspects of application as a fertilizer of after-fermentation residues, especially slaughterhouse waste – *Dominik Soltysiak BSJP Brockhuis Schnell Jurczak Prusak Sp.k. in alliance with Taylor Lessing*

- 13:20 – 13:40 System of certificates of origin for green energy after recent amendments in the Energy Law – *Zdzisław Muras, Energy Regulatory Office*
- 13:40 – 14:00 Green Investment Scheme (GIS) of the Kyoto Protocol as an innovative source of financing of biogas investments and technology transfer in Poland – *Witold Retke, representative of the National Fund For Environment Protection and Water Management.*
- 14:00 - 14:40 Panel discussion for biogas investors - experiences and investment plans, *ENEA S.A., EWE Polska Sp. z o.o., BOŚ Eko Profit S.A., CMS Corporate Management Services Sp. z o.o - moderator red. Magdalena Kozmana, Rzeczpospolita***

New perspectives for investors and developers in the emerging sector: critical risks, supply of projects, selection of substrates and location for projects, estimation of chances for financing under national and European funds, most effective technologies, problems with environment assessment, comparison between biogas plants and wind farms investments.

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