

CONFERENCE PROGRAMME

DAY I

DECEMBER 14 (THURSDAY)

8:30-9:30 Guest registration, welcome coffee and networking

9:45 Opening of the 8th Biogas Congress

9:45-10:00 Opening presentation: Dynamics of change on the Polish biogas market in 2020-2023
 👤 Beata Klimczak, „Magazyn Biomasa”

10:00-10:50 Leaders Forum – discussion panel with experts

10:50-12:10 **Session I: Biogas in Poland and Europe – national legislative and policy frameworks**

1/ Biogas and biomethane in Europe – report 2023

👤 Natalia Walczak, European Biogas Association

2/ Biomethane in Poland – strategic and investment perspective

👤 Bartosz Safiejko, Strategy&

3/ Legal changes in 2023 – a new opening for biogas

👤 Maciej Szambelańczyk, WKB Wierciński, Kwieciński, Baehr

4/ First biomethane plant in Poland – case study

👤 Miłosz Krzysiński, Narodowe Centrum Badań i Rozwoju

12:10-12:30 „Magazyn Biomasa” award ceremony

12:30-12:50 Coffee break, networking

12:50-14:30 **Session II: Direction towards decarbonization – biogas in the energy transformation**

1/ Biogas plants as a key tool for decarbonization of industry

👤 Jakub Safjański, Confederation Lewiatan

2/ Biogas – game changer for the industry

👤 Sabine Dujacquier, Polish Biogas Group

3/ Production and use of biogas from sewage and industrial waste

– experience from the operation of installations on a full technical scale

👤 Karol Trojanowicz, PhD, Seen Technologie

4/ Biogas and biomethane as fuels in the era of transformation and energy independence

👤 Tomasz Kajdan, Biowatt

5/ Environmental decisions for biogas plants – regulations and practical aspects of obtaining them

👤 Monika Ostrowska, Bio-Industry

14:30-15:30 Lunch

15:30-17:00 **Session III: Construction and operation of biogas plants – technology and solutions increasing the efficiency of the installation (part 1)**

1/ Own needs for electricity, construction and operational differences of cogeneration units – comparison of biogas and biomethane plants

👤 Krzysztof Maciąg, Tedom Poland

2/ An example of a „zero-emission” bioLNG production installation. Economic comparison various types of biogas plants

👤 Łukasz Wilczyński, KWE AB Ebergry Polska

3/ Progress in biogas production: SUMA mixing technology, the most important advantages for biogas operators and experience in the global market

👤 Lena Undeutsch, SUMA Rührtechnik

4/ Biomethane production in Poland – observations and concepts of best practices in industrial biomethane projects

👤 Hermann Benning, Revis Bioenergy

5/ Desulphurization of biogas using iron hydroxide

👤 Paweł Palkowski, FerroBio

6/ Prefabricated concrete tanks – durability, quality, optimization of investment costs

👤 Piotr Zajac, A-Consult

Site event Workshop

“Danish
experience
with biogas”

13:30-17:00

- 17:00-18:00 **Session IV: Financing and economics of biogas investments in Poland**
- 1/ Available investment financing mechanisms and the potential of biogas and biomethane market
👤 *Wojciech Lewandowski, PhD, European Bank for Reconstruction and Development*
 - 2/ Investment financing from national and EU funds
👤 *Wojciech Nawrocki, Metropolis Doradztwo Gospodarcze*
 - 3/ What changes do investors expect in the financing of biogas plants?
👤 *Józef Adam Kowalczyk, Fundacja Euro-Most*
- 18:00-18:30 Panel discussion with experts: How to finance a project and start using biogas?
- 18:30-19:30 Aperitif and networking
- 20:00 Evening banquet

DAY II

DECEMBER 15 (FRIDAY)

- 10:00-11:10 Discussion panel with experts: How to use the experience of mature markets in building the biogas sector in Poland?
- 11:10-12:50 **Session V: Construction and operation of biogas plants – technology and solutions increasing the efficiency of the installation (part 2)**
- 1/ Variability of energy production in a biogas plant
👤 *Marek Jedziniak, Biogas System*
 - 2/ Pioneering installation project for green transport: the largest integrated bioLNG production facility in Germany
👤 *Tomasz Bukowski, go&biogas/EnviTec Biogas Poland*
 - 3/ The influence of mixing the feedstock in fermentation chambers on the amount of biogas produced
👤 *Karol Jędrzejewski, Xylem Water Solutions*
 - 4/ Personalized microelements in biogas and biomethane plants: know-how of Methodo Chemicals
👤 *Magdalena Wandulska, Methodo Polska*
 - 5/ Reliable exploitation of biogas residues and decarbonization of the process of obtaining energy from biogas
👤 *Aleksandra Radwańska, Radosław Gwardecki, Shell Polska*
- 12:50-13:10 Coffee break
- 13:10-14:10 Discussion panel with experts: Global market – local issue. How to talk about biogas with local communities?
- 14:10-15:30 **Session VI: From biogas to biomethane**
- 1/ Standardization of biogas purification technology
👤 *Paweł Filanowski, PhD, AGH University*
 - 2/ Certification of Polish biomethane for the German market
👤 *Henning Dicks, Agriportance*
 - 3/ The potential of biowaste from households and supermarkets in biomethane production – case Tallinn, Estonia
👤 *Jani Kangasaho, Biovoima*
 - 4/ Biogas plant based on chicken manure as an energy input solution for biogas plant – case study
👤 *Klaudiusz Nowotny, Nahtec Polska*
- 15:30 Ending of the 8th Biogas Congress