



9th International Conference on
“Biomass for Energy”
September 24-25, 2013, Kyiv, Ukraine

Programme

on 30 August 2013

Organizers of the Conference



Bioenergy Association of Ukraine



Institute of Engineering Thermophysics,
the National Academy of Sciences of
Ukraine



Scientific Engineering Centre “Biomass”

*Sponsors of the Dutch-Ukrainian seminar on
Business Opportunities in the Biobased Economy:*



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- Ministry of Energy and Coal Industry of Ukraine
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- Committee of Verkhovna Rada of Ukraine for Fuel and Energy, Nuclear Policy and Nuclear Safety

Information sponsors of the Conference



Journal «The Bioenergy International»



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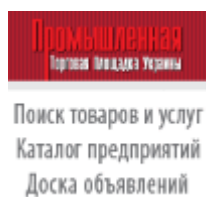
Journal "Science and innovation"



Ukrainian Union of Industrialists and Entrepreneurs



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Industrial Trade Area of Ukraine



Pig production in Ukraine and worldwide



Portal of milk and dairy farming

Programme outline

Tuesday, 24 September 2013

8:30 – 9:30	<i>Registration of the conference participants</i>	
9:30 – 10:00	BH: Opening ceremony	
10:00 – 11:00	BH: Plenary session P1	
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 13:00	BH: Panel discussion	
13:00 – 14:30	<i>Lunch</i>	
14:30 – 16:00	BH: Section C4 (Strategy and policy issues)	14:00 LH: Dutch-Ukrainian seminar on Business Opportunities in the Biobased Economy
16:00 – 16:30	<i>Coffee break</i>	
16:30 – 18:00	BH: Section C3 (Electricity generation and heat production from solid biomass)	16:30-17:00 LH: Dutch-Ukrainian seminar on Business Opportunities in the Biobased Economy
		17:00-18:00 LH: Matchmaking for companies from the Ukraine and the Netherlands
18:00 – 20:00	<i>Reception for the conference and seminar participants</i>	

Wednesday, 25 September 2013

9:00 – 10:30	BH: Plenary session P2	
10:30 – 11:00	<i>Coffee break</i>	
11:00 – 13:00	BH: Section C1 (Biomass resources and pre-treatment)	
13:00 – 14:30	<i>Lunch</i>	
14:30 – 16:00	BH: Section C2 (Biogas)	F: Visual presentations
16:00 – 16:30	<i>Coffee break</i>	
16:30 – 17:30	BH: Section C3 (Electricity generation and heat production from solid biomass)	F: Visual presentations
17:30 – 18:00	BH: Closing ceremony	

Conference venue:

The International Conference on Biomass for Energy will be held at premises belonging to the Presidium of the National Academy of Sciences of Ukraine — 55, Vladimirskaya str., Kyiv (★).

- BH** – Big Hall (1st floor)
- LH** – Little Hall (1st floor)
- F** – Foyer (ground floor)

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- Section 1 – Biomass resources and pre-treatment
- Section 2 – Biogas production and use
- Section 3 – Electricity generation and heat production from solid biomass
- Section 4 – Strategy and policy issues



Tuesday, 24 September 2013

Registration of participants 8:30 – 9:30

BIG HALL

Opening Ceremony

9:30 – 10:00

Chairpersons of Opening Ceremony and Plenary Session
Georgiy Geletukha
Chairman
Bioenergy Association of Ukraine
Institute of Engineering Thermophysics of NASU
Kees Kwant
Deputy Chairman
NL Agency, The Netherlands

Welcome Addresses
Georgiy Geletukha
Chairman
Kees Kwant
Deputy Chairman

Representatives of legislative and executive power

Plenary Session P1

10:00 – 11:00

P 1.1
10:00 – 10:30
Bioenergy in Ukraine: the barriers to development and ways to overcome them.
Georgiy Geletukha, (Bioenergy Association of Ukraine, Institute of Engineering Thermophysics NASU, Kyiv, Ukraine)

P 1.2
10:30 – 11:00
Title to be specified.
Andrej Stanev (Agency for Renewable Resources, Guelzow, Germany)

Coffee-break 11:00 – 11:30

BIG HALL

Panel discussion “Barriers to the development of bioenergy in Ukraine and ways of overcoming them”

11:30 – 13:00

Moderator: Georgiy Geletukha (Bioenergy Association of Ukraine)

Participants of discussion:
Konstantin Bogatov («Salix Energy» Ltd, Ukraine)
Vitalii Davii (Association of alternative fuels market players of Ukraine)
Sergey Dubovik (State Agency for Energy Efficiency and Energy Conservation of Ukraine)
Kees Kwant (NL Agency, The Netherlands)
Leonid Kriger (Energoholding “Kriger”, Ukraine)
Sergiy Maslichenko (EBRD, Ukraine)
Darya Revina (ICC Ukraine)
Andrej Stanev (Agency for Renewable Resources, Germany)
Oleksandr Todiychuk (Kiev International Energy club «Q-club», Ukraine)

Lunch 13:00-14:30

BIG HALL

Section 4 (Strategy and policy issues) 14:30 - 16:00

Chairpersons

Olexiy Prystaia
Andrej Stanev

- 0 1. **Global initiatives to harmonise sustainability criteria for biomass.**
Harmen Willemse (Netherlands Standardization Institute, Delft, The Netherlands)
- 0 2. **Resources, logistics and state of the energy use of forest biomass in Ukraine.**
Olexiy Prystaia (Production Association "Ukrderzhlisproekt", Kyiv, Ukraine)
- 0 3. **Development and the main provisions of the National Action Plan for Renewable Energy in accordance with the requirements of the Energy Community.**
Igor Kyrylchuk, Mykola Kobets (Project UNIDO/GEF)
- 0 4. **Analysis of the indicative targets and path of their achievements in the project of the National Action Plan for Renewable Energy.**
Oleksandr Kyrychok (State Agency for Energy Efficiency and Energy Conservation of Ukraine)
- 0 5. **Problematic aspects of the implementation of biomass projects. Legislative and regulatory barriers and restrictions.**
Anatolii Koliienko, Ruslan Tormosov, Elena Babak (Ukrainian Charitable Organization "Institute for Local Development", Kyiv, Ukraine)
- 0 6. **Legal aspects of implementation of "green" tariff for bioenergy projects in Ukraine.**
Maksym Sysoiev (Danevych law firm, Kyiv, Ukraine)

Coffee-break 16:00 – 16:30

BIG HALL

Section 5 (Electricity generation and heat production from solid biomass) 16:30 - 18:00

Chairpersons

Sergiy Maslichenko
Ivan Nadein

- 0 7. **Preparation and financing of renewable energy projects in Ukraine: the experience of the EBRD.**
Sergiy Maslichenko (EBRD, Ukraine)
- 0 8. **EBRD: The program of financing of alternative energy in Ukraine.**
Valentin Didyk (USELF/EBRD)
- 0 9. **The organization of production and distribution of heat from biomass.**
Yevgen Olynyk (Bioenergy Association of Ukraine, Institute of Engineering Thermophysics of NASU, Kyiv, Ukraine)
- 0 10. **Title to be specified.**
Viktor Andrienko (Association of alternative fuels market players of Ukraine, Kyiv, Ukraine)
- 0 11. **Practical experience in the construction and operation of a biomass boiler plants in Ukraine.**
Ivan Nadein (Ukrainian association of manufacturers of alternative solid fuels, Kyiv, Ukraine)
- 0 12. **Title to be specified**
Volodymyr Kukovalsky (Smelaenergopromtrans Ltd., Smela, Ukraine)
- 0 13. **Why investors are not in a hurry...**
Rostyslav Maraykin (Bioenergy Association of Ukraine)

LITTLE HALL

Dutch-Ukrainian seminar on Business Opportunities in the Biobased Economy 14:00 – 18:00

Reception for the conference and seminar participants 18:00 – 20:00

Wednesday, 25 September 2013

BIG HALL

Plenary Session P2

9:00 – 10:30

Chairpersons

Yevgen Oliynyk
Yuriy Matveev

- P 2.1 Prospects for the electricity generation from biomass in Ukraine.**
Yevgen Oliynyk (Bioenergy Association of Ukraine, Institute of Engineering Thermophysics NASU, Kyiv, Ukraine)
- P 2.2 Prospects for heat production from biomass in Ukraine .**
Tetiana Zheliezna (Bioenergy Association of Ukraine, Institute of Engineering Thermophysics of NASU, Kyiv, Ukraine)
- P 2.3 Prospects of biogas production and use in Ukraine.**
Yuriy Matveev (Bioenergy Association of Ukraine, Institute of Engineering Thermophysics of NASU, Kyiv, Ukraine)

Coffee-break 10:30 – 11:00

BIG HALL

Section 1 (Biomass resources and pre-treatment)

11:00 – 13:00

Chairpersons

Michael Jacobson
Tetiana Zheliezna

- 0 14. Producing energy crops on marginal lands: The NEWBio project.**
Michael Jacobson (Pennsylvania State University, USA)
- 0 15. Breeding to Improve Yield and Sustainability of Shrub Willow Bioenergy Crops.**
Lawrence B. Smart (Cornell University, New York State Agricultural Experiment Station, NY, USA)
- 0 16. Cultivation and exploitation energetic willow in Romania.**
Ionel Pișă, Lucian Mihăescu, A. Domokos, Gh. Lăzăroiu, I. S. Bartha (Polytechnic University of Bucharest, Green Energy Cluster, Romania)
- 0 17. Results from the Pellets for Power project. A 3 year project to develop pellet production based on straw, reed and switchgrass in Ukraine.**
Ir. H. Wolter Elbersen (Wageningen UR, Food & Biobased Research, The Netherlands)
- 0 18. Cultivation of energy willow in Volyn: results for the 3 years.**
Konstantin Bogatov («Salix Energy» Ltd, Bioenergy Association of Ukraine)
- 0 19. The land use perspective for growing energy crops in Rivne region.**
Taras Mykytyn, M.H. Shershun, S.K. Bogatyrchuk-Kryvko (National University of Water Management and Nature Resources Use, Institute of Agroecology and Environmental Economics of NAAS, Rivne, Kyiv, Ukraine)
- 0 20. Break-through Technology for Producing Advanced Bio-Fuels and Renewable Chemicals from Cellulosic Biomass.**
Raffaella Serra (Beta Renewables, Italy)
- 0 21. Reserve**

Lunch 13:00 – 14:30

Visual presentations

14:30 – 18:00

BIG HALL

Section 2 (Biogas)

14:30 – 16:00

Chairpersons

Yuriy Matveev

- 0 22. **Can additive hydrolases enhance the performance of anaerobic digestion?**
Joerg Kretzschmar, Liane Mueller (DBFZ, Leipzig, Germany)
- 0 23. **Research and development of technology of biogas production from sugar industry waste.**
Petr Kucheruk (Institute of Engineering Thermophysics of NASU, SEC Biomass, Kyiv, Ukraine)
- 0 24. **Reserve**
- 0 25. **Title to be specified**
Representative of PJSC "Myronivskiy Khliboproduct"
- 0 26. **Landfill gas generation and assessment of its energy potential in Ukraine.**
Yuriy Matveev, Alexandra Pukhnyuk (Institute of Engineering Thermophysics of NASU, SEC Biomass, Kyiv, Ukraine)
- 0 27. **Investigation of landfill gas generation rate at the landfill with the use of field methods.**
Denis Kutsyi (Institute of Engineering Thermophysics of NASU, SEC Biomass, Kyiv, Ukraine)

Coffee-break 16:00 – 16:30

BIG HALL

Section 3 (Electricity generation and heat production from solid biomass)

16:30 – 17:30

Chairpersons

Yevgen Oliynyk

- 0 28. **Achievements and perspectives of solid biomass energy valorization.**
Lucian Mihaescu, Ionel Pisa, Gabriel-Paul Negreanu, Gheorghe Lazaroiu, Viorel Berbece, Elena Pop, Sandor Bartha, Emil Enache (Polytechnic University of Bucharest, SC Erpek Srl Sf.Gheorghe, SC E-Morarit Srl, Husi, Romania)
- 0 29. **Fast Pyrolysis of Biomass in the Ablative Screw Reactor.**
Vitalii Zubenko*, Georgiy Geletukha*, Michel Gray**, Clare Carman***, Yevgen Oliynyk*, Sergey Chaplygin* (* - Institute of Engineering Thermophysics of NASU, Kyiv, Ukraine; ** - Pacific Northwest National Laboratory, Richland, USA; *** - CSA Energy, Inc., Hickman, Kentucky, USA).
- 0 30. **Control and parameters optimization of gasification process.**
Volodymyr Koliienko, A. Pavlenko. (Poltava national technical university named after Yurii Kondratyuk, Poltava, Ukraine)
- 0 31. **Biomass boilers of Dozameh Ukraine Ltd.**
Aleksandr Dimitrev (Dozameh Ukraine Ltd., Odessa, Ukraine)

Closing Session

17:30 – 18:00

Concluding Speech

Georgiy Geletukha, Chairman
Kees Kwant, Deputy Chairman

Visual presentations

Wednesday, 25 September 2013, 14:30–18:00

- V 1. The marketing aspect of the introduction of innovative developments.**
Elena Tsapuk (Industrial Marketing Department, National Technical University of Ukraine «KPI», Kyiv, Ukraine)
- V 2. Legal means of stimulating the production of biofuels in Ukraine.**
Maryna Kuzmina (National University of "Law Academy of Ukraine named after Yaroslav Mudrii", Kyiv, Ukraine)