

7th International Conference on BIOMASS FOR ENERGY

September 20-21, 2011

Kyiv, Ukraine

Organized by:

- Institute of Engineering Thermophysics of the National Academy of Sciences of Ukraine;
- Scientific Engineering Centre "BIOMASS".

Supported by:

- State Agency for Energy Efficiency and Energy Saving
- Ministry of Energy and Coal Industry of Ukraine
- Ministry for Regional Development, Building and Housing of Ukraine
- Ministry of Agrarian Policy and Food of Ukraine
- Committee of Verkhovna Rada of Ukraine for Fuel and Energy, Nuclear Policy and Nuclear Safety
- State Forestry Committee of Ukraine

Chairman's message

We cordially invite all the interested representatives of Biomass Community to participate in the 7th International Conference on Biomass for Energy which will take place on September 20-21, 2011 in Kyiv, Ukraine.

Among renewable energy sources biomass is one of the most promising energy sources in Ukraine. The economic potential of biomass in Ukraine is estimated at 30 mtce/yr (straw and other agricultural residues, wood residues, biogas and energy crops). Utilization of this potential through the introduction of bioenergy equipment and technologies may lead to annual replacement of 6 bill m³ of natural gas until 2015. Besides, it may result in reduction of about 13 million t CO₂-eq per year and creation of about 20 th. new jobs.

We believe that year 2011 will be crucial for the bioenergy development in Ukraine taking into account two main reasons:

1. Continuing rise in natural gas price in Ukraine (by 50% in August 2010 and another 50% in April 2011).
2. Operation of two important laws aimed to support the biomass sector (the law on "green" tariff and the law on biofuels).

The Conferences held in 2002-2010 generated great interest in Ukraine and abroad. About 200 participants took part in each forum including 50 attendees from Europe and the USA.

We believe that the 7th Conference will bring together even more participants and facilitate practical realization of biomass-to-energy projects in Ukraine.

Conference Chairman,
Academician of NAS of Ukraine,
Anatoliy Dolinsky

Programme

The two-day Conference programme includes:

- Plenary lectures
- Oral and poster presentations
- Round tables and seminars

Topics

1. Biomass resources: availability and cost of resources; technical and logistical issues; environmental impact. Production, pretreatment, supply and logistics of feedstock from conventional agriculture, forestry, animal residues, processing industry and the biodegradable fraction of MSW streams. Research on energy crops.

2. Research and development of bioenergy technologies: combustion, gasification, pyrolysis, anaerobic digestion, extraction and utilisation of landfill gas, co-combustion of biomass with traditional fuels. Production of liquid biofuels (biodiesel, bioethanol).

3. Demonstration and market implementation of biomass-to-energy technologies.

4. Strategy and policy issues: international, national, regional and local policies and strategies. Sustainability criteria and certification issues.

5. Economic and environmental issues of bioenergy technologies: financing of bioenergy projects, socio-economic impact, reduction of CO₂ emission.

Purpose of the conference

To encourage the use of biomass for energy production and promote sustainable development of bioenergy technologies in Ukraine.

Working languages

English, Ukrainian, Russian.
Simultaneous translation will be provided.

How to prepare an abstract

The abstract, single spaced in English (11 size Times New Roman font), should include:

- Applicable subject number (1 to 5 above)
- Full title
- Full name and address of one author for all correspondence
- For each author and co-authors full name, affiliation, address, phone/ fax/ e-mail
- Purpose of the work
- Approach
- Scientific innovation and relevance

- Results
- Conclusions

An abstract should not exceed 1 page of A4 format (210 x 297 mm).

Deadline for receipt of abstracts: 31 July 2011

The Proceedings of the Conference in English and Ukrainian/Russian and presentation materials will be issued as a CD and sent to all participants after the Conference.

Conference venue

The 7th International Conference on Biomass for Energy will be held at premises belonging to the Presidium of the National Academy of Sciences of Ukraine (55, Vladimirska str.). Located in the city centre the Conference facility will give the participants a good opportunity to combine constructive work with exploring the cultural and historical treasures of Kyiv - the city with more than a 1500-year history.

Organizing committee

Conference Chairman

Anatoliy Dolinsky

Director of Institute of Engineering Thermophysics, NAS of Ukraine

Deputy Chairmen

Jens Bo Holv-Nielsen

Head of Center for Bioenergy and Green Engineering, Esbjerg Institute of Technology - Institut 18, Aalborg Universitet, Denmark

Kees Kwant

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Georgiy Geletukha

Head of Department of Institute of Engineering Thermophysics, NAS of Ukraine,
Director of Scientific Engineering Centre "BIOMASS"

Scientific Secretary

Tetiana Zheliezna

Senior researcher of Institute of Engineering Thermophysics, NAS of Ukraine,
Head of Department of Scientific Engineering Centre "BIOMASS"

Correspondence

Abstracts and registration forms should be sent (preferably) by e-mail to:

conference@biomass.kiev.ua

or mailed to:

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If you have any questions concerning the Conference please contact the Organizing Committee:

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