

BioGas World

International Trade Exhibition for biogas technology
and decentralized energy supplies

01. - 03. April 2014 **BERLIN**



With support from



by decision of the
German Bundestag

1st – 2nd April 2014



International Symposium Biogas goes (Far) East

Fairgrounds Berlin, Halle 7.1a

Conference Language



Official Opening of BioGasWorld 2014



Opening and Welcome

Conference Program

Plenary

11:00 – 11:10	Rainer Heinzl , General Manager Biogasworld 2014 Welcome and Opening
11:10 – 11:25	Clemens Neumann , Federal Ministry for Food and Agriculture (BMEL) Welcome Address
11:25 – 11:40	Li Jingming , Secretary General, Ministry of Agriculture, P.R. China Future of biogas in China
11:40 – 11:55	Paulina Stefńska , Ministry of Economy of the Republic of Poland Opportunities and challenges of biogas in Poland
11:55 – 12:15	Prof. Dr. mont. Michael Nelles , Scientific Managing Director Deutsches Biomasseforschungszentrum gGmbH (DBFZ) Lessons learnt: Technical challenges for biogas production
12:15	Reinhard Schultz , General Manager Biogasrat+ e.V. Closing remarks
12:30-14:00	Lunch

Session 1 , 1st April 2014

	Conditions and Potentials for biogas in Eastern Europe	Conditions and Potentials for biogas in China
14:00 – 14:30	Dominik Rutz , WIP Renewable Energies Overview on biogas market actors and challenges in Eastern Europe	Michael Oos , GIZ Feasibility study for the establishment of a Chinese-German joint biogas research and development center in China

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14:30 – 15:00	<p>Charles Michel Fagnon, Solum Green Earth Group</p> <p>Green Tariff in the Ukraine and the biogas project Kamianaets-Podilskiy</p>	<p>Prof. Dr. Zhou Hongjun / Dr. Peng Pu, China University of Petroleum</p> <p>Chances and challenges for biogas in China with special focus on kitchen waste and its utilization as bioenergy-supply for canteens</p>
15:00 – 15:30	<p>Helmut Muche, Farmatic</p> <p>Empirical evidence for biogas activities in Bulgaria</p>	<p>Pan Wenzhi, Beijing Helee Bio-Energie</p> <p>Application of biogas membrane purification technology in large and middle scale biogas engineering in China</p>
15:30 – 16:00	<p>Dr. Lesya Matiyuk, FNR</p> <p>Overview of the market conditions in the Russian Federation</p>	<p>Jochen Springer, GICON</p> <p>Empirical evidence for biogas activities in China</p>
16:00 – 16:30	Coffee Break	
16:30 – 17:00	<p>Torsten Fischer, Krieg + Fischer Ingenieure</p> <p>Experience report on livestock waste in Russia</p>	<p>Anlin Xu / Dr. Gert Morscheck, University Rostock</p> <p>Biogas from sewage sludge: Geographical pattern and technical solutions</p>
17:00 – 17:30	<p>Dr. Jürgen Wummel, Sachsen Wasser</p> <p>Biogas from sewage sludge: Geographical pattern and technical solutions (Balkans, Russia)</p>	<p>Prof. Dr. Dong Renjie, China Agricultural University</p> <p>Biogas from agricultural residues. Geographical pattern and technical solutions</p>
17:30 – 18:00	<p>Dr. Bernd Pickert, Eggersmann Anlagenbau</p> <p>Biogas from leftovers. Experience from Bulgaria</p>	<p>Prof. Dr. Achim Loewen / Andreas Krieg, University of Applied Sciences and Arts</p> <p>Biogas from urban household waste in China</p>
19:00	<p>Formal Reception at the Embassy of the Republic of Hungary (For more information please see attached file)</p>	

Plenary

Conference Program

Chances and challenges for biogas in a changing world	
10:00 – 10:30	Prof. Dr. Klaus Fricke, TU Braunschweig BUM project and SWOT analysis of anaerobic digestion in German
10:30 – 11:00	Clemens Findeisen, Fachverband Biogas Partnering and financing opportunities for biogas projects in East Europe and China
11:00 – 11:30	Dr. Jan Liebetrau / Harald Wedwitschka, DBFZ Substrate Characterization for dry fermentation in garage systems
11:30 – 12:00	Prof. Dr. Michael Bischoff, Luebeck University of Applied Sciences Production of biogas and biomethane in China seen from a German perspective <u>Co-lecture:</u> Eric Billig, DBFZ Biomethane and Bio-SNG – a brief overview
12:00 – 12:30	Viktor Filatov, Altenergo Economy of biogas processes in Russia
12:30 – 14:00	Lunch

Session 3, 2nd April 2014

Specific biogas topics in China and East-Europe		
	Eastern Europe	China
14:00 – 14:30	Dr. Kornél Kovács, Biological Research Center Experience report and technical solutions for disintegration	Ludwig Dinkloh, UTS Biogas Experience report on chicken faeces and technical solutions in Germany

Conference Program

<p>14:30 – 15:00</p>	<p>Jan Habart, Czech Association for Composting</p> <p>Biogas from urban household waste: Geographical pattern and technical solutions</p> <p><u>Co-lecture:</u> Stephan Schulte, BTA International</p> <p>Development of a MBT Plant in Poland using existing infratrusture</p>	<p>Dr. Xiaomei Li, Alberta Innovates-Energy and Environment Solutions</p> <p>Lessons learnt: Technical challenges for biogas production from household waste in China and Canada</p>
<p>15:00 – 15:30</p>	<p>Dr. Robert Mazur, Poznań University</p> <p>Poultry manure as a substrate for methane fermentation. Problems and solutions</p>	<p>Liu Xin, Beijing Energy and Environmental Development Center</p> <p>Technical aspects and commercialization of biogas in China</p> <p><u>Co-lecture:</u> Dr. Britt Schumacher, DBFZ</p> <p>Experience gained with fibrous substrates in thermal-pressure-hydrolysis</p>
<p>15:30 – 16:00</p>	<p>Coffee Break</p>	
<p>16:00 – 16:30</p>	<p>Prof. Dr. Marek Gawor, BTU Cottbus-Senftenberg</p> <p>Biomethane in Poland – technical, political and organisational aspects</p>	<p>Dr. Hao Jiang / Yu Lei, China University of Petroleum</p> <p>Biogas dry reforming for syngas production: another option of biogas application</p>
<p>16:30 – 17:00</p>	<p>Dr. Ilze Dzene, Ekodomo</p> <p>Experience report on biogas in the Baltic States</p>	<p>Carsten Schweden, ALBA Management</p> <p>Concepts for China: Business differences between China and Germany</p>
<p>17:00 – 17:30</p>	<p>Lars Klinkmüller, CarboCycle</p> <p>Concepts for East Europe: Business differences from a German Perspective</p>	<p>Hong Nie, China University of Petroleum</p> <p>Monofermentation of chicken manure. Long-term laboratory experiences</p>

Fax: +49 (0) 5121 206 26 26

heinzl@messen-profair.de

www.biogasworld.de

Company

Surname, first name

Street and Street No

ZIP-code, city, country

E-Mail

Phone

The fee of participation for the two-day symposium is € 284.00 plus 19% VAT, for Exhibitors € 100.00 plus 19% VAT and includes entrance fee for the exhibition, meal and work materials.

The presentations you can download after the conference from this website:

<http://www.dbfz.de/biogasworld>.

Date and Signature Participant