

11-13 January 2011
NUREMBERG, GERMANY

20th BIOGAS

ANNUAL CONFERENCE AND BIOGAS TRADE



- Big Biogas trade fair
- Excursion on 14-1-2011
- Export workshop

**BIOGAS can do it –
naturally.**

20 years of biogas conference



WELCOME ADDRESS



The Federal Environment Minister of Germany, Dr. Norbert Röttgen, took up the patronage of the 20th Annual Conference of the German Biogas Association with BIOGAS Trade Fair. This underlines the importance of biogas as an alternative renewable energy source.

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Ladies and gentlemen, dear biogas colleagues,

Twenty years ago, a couple of like-minded people, biogas pioneers ill-reputed as crackbrains, met for the first annual assembly of Fachverband Biogas in the hall of the Rudolf Steiner School in Weckelweiler. The debate was intensive already at that time but the gathering of 100 represented a niche market. After 20 years of dramatic biogas development, the industry has come of age and today is a major economic engine in rural areas. We expect about 4,000 participants for Europe's largest biogas meeting in 2011. I cordially invite you to celebrate this 20th Anniversary day with us in Nuremberg.

Our anniversary conference will see numerous workshops and plenary talks by experts on different issues and latest results. For example, gas micronetworks and gas injection, the approval, safety and optimization of biogas plants as well as alternatives to the cultivation of corn will be discussed. The events „Biogas in communities“ and „Biogas for newcomers“ will be held in parallel with the main event.

The new amendment of the Renewable Energies Act (EEG) effective 1st January 2012 will again be a major topic at this 20th Anniversary Conference. The revised EEG of 2009 proved to be a success model and, in addition to the dramatic decline in the prices of farm produce, was the second reason why most biogas firms were able to weather the 2007/2008 crisis. In 2009, over 1,000 new biogas plants started production; this was a new all-time high.

Today, German biogas technology is a sales hit in many countries of the world. Backed by a strong domestic market, the export of biogas technology also generates new jobs in Germany. Strengthened and with optimism, we – together with you – can look positively into the future. I wish all participants a fruitful and insightful 20th Anniversary conference and a successful biogas year 2011.

Sincerely, 

Josef Pellmeyer, President Fachverband Biogas e.V.

Biogas can do it – naturally.
20 years of biogas conference

TUESDAY, 11-1-2011

PLENARY SESSION 1. DAY

10:30 a.m.- 01:30 p.m.	Grassland: Alternatives to corn
02:30 p.m.- 03:30 p.m.	Sustainability and environmental protection
04:00 p.m.- 05:30 p.m.	Approval and safety

WEDNESDAY, 12-1-2011

PLENARY SESSION 2. DAY

08:45 a.m.- 01:15 p.m.	EEG 2012 (Amendment of the Renewable Energy Act 2012)
02:30 a.m.- 04:00 p.m.	Energy crops
04:30 p.m.- 06:00 p.m.	Efficiency improvement and plant optimization
06:15 p.m.	Speech
07:00 p.m.	Evening event

THURSDAY, 13-1-2011

PLENARY SESSION 3. DAY

09:00 a.m.- 10:00 a.m.	Gas micronetworks and satellite cogeneration units
12:00 a.m.- 01:30 p.m.	EGE (Law for Renewable Gas Injection)
02:00 p.m.-	Assembly of members

TUESDAY, 11-1-2011

EXPORT WORKSHOP

02:00 p.m.-
05:00 p.m.

Moderation: **Harm Grobrügge**, Member of the Board, European Biogas Association

Biogaspotential in Europe –
Exportchances for companies –

Dr. Arthur Wellinger, President, European Biogas Association

Country reports:

Italy –

Piero Gattoni, Italian Biogas Association

Slovakia –

Marcel Lauko, Director Energy Center Bratislava

Turkey –

Selman Cagman, TÜBITAK Marmara Research Center Energy Institute

Exporting plant technology –
Experience of a plant producer in Europe and other continents

Dipl.-Ing. Stephan Waerdt Pro2 Anlagentechnik GmbH, Technology Director

EXCURSION 14-1-2011

TUESDAY, 11-1-2011

PLENARY SESSION 1. DAY

10:15 Welcome and opening address of the conference
Josef Pellmeyer (President Fachverband Biogas e.V.)

GRASSLAND: ALTERNATIVES TO CORN

10:30 Process engineering for the production of gas ensilage – overview, comparison and options for optimization
M. Sc. Stefan Thurner, Bayerische Landesanstalt für Landwirtschaft

11:00 Feed preservation: Technology comparison, silage quality, management, loss, issues and innovations
Dr. Hansjörg Nußbaum, Landwirtschaftliches Zentrum Baden-Württemberg

11:30 Process engineering of grass fermentation: Equipment, fermentation process, climate balance
Dr. Mathias Effenberger et al., Bayerische Landesanstalt für Landwirtschaft

12:00 Economic appraisal of grass fermentation: from land management to gas utilization
Dipl.-Ing. agr. Martin Strobl, Bayerische Landesanstalt für Landwirtschaft

12:30 100% grass feed – opportunities, technical challenges and feasibility – a practitioner's report
Matthias Brandner, Hof Oegens – Sozialwerk Wesermarsch, Butjadingen

13:00 Lunch break

SUSTAINABILITY AND ENVIRONMENTAL PROTECTION

14:30 Initial experience with the certification of biogas plants on the basis of the European Sustainability Regulation
Dr. Ing. Eric Werner-Korall, DQS GmbH, Deutsche Gesellschaft zur Zertifizierung von Managementsystemen

15:00 Residual gas potential in agricultural biogas plants
Dr. Gerd Reinhold, Thüringer Landesanstalt für Landwirtschaft (TLL)

15:30 Coffee break

APPROVAL AND SAFETY

16:00 Safe maintenance and repair of biogas plants
Dipl.-Ing. (FH) Wolfgang Klein, Landw. Berufsgenossenschaft Franken und Oberbayern

16:30 Safety in biogas plants – a critical view of interfaces, competencies and responsibilities
Dipl.-Ing. Josef K. Ziegler, Inreotec GmbH, Sprecher Arbeitskreis Sicherheit

17:00 Latest developments in water legislation – effects on plant and equipment
Dipl.-Ing. Ralf Block, Ingenieurbüro BIGATEC

WEDNESDAY, 12-1-2011

PLENARY SESSION 2. DAY

08:45 Official welcome address
Josef Pellmeyer

EEG 2012 (Amendment of the Renewable Energy Act 2012)

09:00 Key note speaker
Katherina Reiche, MdB, Parliamentary State Secretary to the Federal Minister for the Environment, Nature Conservation and Reactor Safety (BMU)

09:30 EEG 2012 - an outlook
Dr. Helmut Loibl, Paluka, Sobola, Loibl & Partner, Rechtsanwälte
Prof. Dr. Martin Maslaton, Maslaton Rechtsanwaltsgesellschaft mbH, Leipzig

10:30 Coffee break

11:00 Report on experience with EEG 2009 – conclusions for further development
Prof. Dr.-Ing. Frank Scholwin, DBFZ Deutsches Biomasseforschungszentrum gemeinnützige GmbH

11:30 Panel discussion: EEG 2012
Presented by: **Detlef Steinert** – DLZ Agrarmagazin
Participants: Representatives of the five factions in the German Parliament, **Josef Pellmeyer**

13:15 Lunch break

ENERGY CROPS

14:30	Use of sugar beet in the biogas plant Dipl.-Ing. agr. Bernhard Conzen , chairman of Rheinischer Rübenbauer-Verband
15:00	Energy from wild-type plants – new cultivation system adds variety Dr. Birgit Vollrath , Bayerische Landesanstalt für Weinbau und Gartenbau
15:30	Impact of biogas systems on the humus supply of arable soil – options for optimization Prof. Dr. Kurt Jürgen Hülsbergen , Wissenschaftszentrum Weihenstephan für Ernährung, Landnutzung und Umwelt
16:00	Coffee break

EFFICIENCY IMPROVEMENT AND PLANT OPTIMIZATION

16:30	Ecological and economic optimization of available and future biogas plants – project results Prof. Dr.-Ing. Wilfried Zörner , Hochschule Ingolstadt – Kompetenzfeld Erneuerbare Energien
17:00	Electric efficiency of biogas-fired cogeneration units: Theory and practice Dipl.-Ing. (FH) Volker Aschmann , Bayerische Landesanstalt für Landwirtschaft
17:30	Need-based biogas production for the generation of peak-load electricity Prof. Dr.-Ing. Rainer Wallmann , HAWK - Hochschule für Angewandte Wissenschaft und Kunst - Fachhochschule Hildesheim/Holzminden/Göttingen
18:15	Biogas can do it - naturally. Sustainable value-added for farming State Minister Helmut Brunner , Bavarian State Ministry for Food, Farming and Forestry (requested)
from 19:00	Awarding ceremony of the Dr. Heinz Schulz Medal of Honour Evening event

PLENARY SESSION 3. DAY

ENERGY NETWORKS OF THE FUTURE

09:00	System services and control energy from biogas electricity Dr. Kilian Hartmann , Fraunhofer Institut für Windenergie und Energiesystemtechnik IWES Bereich Bioenergie-Systemtechnik
09:30	Effects of the flexible management of biogas plants for compensating demand fluctuations Matthias Müller , DBFZ Deutsches Biomasseforschungszentrum gemeinnützige GmbH

GAS MICRONETWORKS AND SATELLITE COGENERATION UNITS

10:00	Gas micronetworks – new legal aspects concerning construction and operation Dr. Florian Valentin , Schnutenhaus & Kollegen Rechtsanwälte
10:30	Heat transport or gas micronetwork – an economic comparison Dipl.-Ing. agr. Ulrich Keymer , Bayerische Landesanstalt für Landwirtschaft
11:00	Satellite cogeneration units: approval and compensation Susanne Lindenberger , Paluka, Sobola, Loibl & Partner, Rechtsanwälte, Regensburg
11:30	Coffee break/snack

EGE (Law for Renewable Gas Injection)

12:00	Gas network access ordinance, legal and political framework of biogas transport Dr. Martin Altmock , Becker Büttner Held
12:30	The „Zeven model“ Bodo Drescher , MT-Energie GmbH & Co. KG
13:00	2 methods and 3 suppliers: How does gas treatment really work? Georg Radlinger , erdgas schwaben gmbh
14:00	Assembly of members German Biogas Association

Biogas Excursion, Friday 14-1-2011

08:00 **Participants** meet on the exhibition grounds (will already be signposted during the congress).
Three tours of three biogas plants each in the area around Nuremberg will be organized with the following focus:

Renewable primary product plants
with gas injection and different heat strategies

Waste – residual material consuming biogas plants

International with running English translation for international attendants. The group will visit biogas plants operating on different feedstock and a gas injection plant

16:00 Expected return to the exhibition grounds. Nuremberg main railway station will be the destination after the tour.

Lunch for all is included.

Visit to the biogas exhibition

(no prior registration required)

11-1	12-1	13-1
17 EUR	17 EUR	17 EUR

Free for members of Fachverband Biogas e.V. / EBA (identify as member).

Export Workshop

only for **Members** of Fachverband Biogas e.V. / EBA

11-1
100 EUR

The fee for the plenary sessions includes: Conference proceedings and soft drinks during coffee breaks. For registration for Wednesday 12-1-2011 lunch and dinner at the evening event is included.

Registration and payment: Payment against invoice is possible until 8-12-2010. Later registrations are accepted against payment by account or credit card or at the cash desk. Registration deadline is 30-12-2010. Later registrations are only accepted at the conference venue (an administrative charge of 15% of the conference fee will be made). Conference materials are available at the conference venue after full payment of participation fees. Free cancellation is accepted in writing only and not later than 30-12-2010. After that, the full amount of the participation fee will be charged (exceptions are only possible against proof; exceptions will be handled after the conference. Please address an e-mail to info@biogastagung.org).

Representatives of authorities and **students** are entitled to a **single discount of 30%** on the regular admittance fee to the plenary session against proof of status (with photo). The Biogas exhibition and job exchange (foyer) are free for school and university/college students (against proof of status with photo).

COST

PLENARY ASSEMBLY COST

for **Members** of Fachverband Biogas e.V. / EBA

11-1	12-1	13-1	Excursion 14-1
60 EUR	75 EUR	60 EUR	100 EUR
100 EUR			
100 EUR			
150 EUR			

for **non-members** of Fachverband Biogas e.V. / EBA

11-1	12-1	13-1	Excursion 14-1
180 EUR	270 EUR	150 EUR	100 EUR
390 EUR			
390 EUR			
450 EUR			

ARRIVAL

IF YOU ARRIVE BY CAR



IF YOU ARRIVE BY TRAIN/PLANE



HOTEL BOOKINGS

WellPart
Ellernstraße 13
30175 Hannover
Phone: +49 (0)511 162 07-08
Fax: +49 (0)511 162 07-09
E-mail: info@wellpart.de
or online
www.biogastagung.org/en

REGISTRATION

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Kristina Eberz
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E-mail: info@biogastagung.org

INFO-HOTLINE free of charge

0800/11 246427
Biogas

OPENING HOURS OF THE BIOGAS EXHIBITION

Tuesday	11-1-2011	9.00 a.m. till 6.00 p.m.
Wednesday	12-1-2011	9.00 a.m. till 6.00 p.m.
Thursday	13-1-2011	9.00 a.m. till 3.00 p.m.

REGISTRATION



Please fax pages 21 - 23 for registration!!!

20th Annual Meeting of Fachverband Biogas e.V. with big Biogas trade fair and excursion on 14-1-2011

(please print)

.....
Address/title

.....
Name

.....
First name

.....
Firm/institution

.....
Street

.....
ZIP, city/town

.....
Telephone/fax num.

.....
E-mail

Please send information material for **membership** in Fachverband Biogas e.V. .

I am a member of Fachverband Biogas e.V. / EBA*

.....
* Discount only available if you give your membership number

PLEASE **FAX OR MAIL TO:**

NürnbergMesse GmbH/CCN
Messezentrum
90471 Nürnberg
Fax +49 (0)911 / 8606-128375



- Authority/ college / student** (proof of status)
 Press (proof of status)

- I would **not like my name** to be **entered** in the **list** of attendants which is issued at the conference. (The list contains the following data: Firm name, attendant's name, firm's address)

I will take part in the **plenary program** of the 20th Biogas Annual Conference on:

- 11-1 12-1 13-1

- I will take part in the **evening event** from 07:00 p.m. on 12-1-2011

I will take part in the **excursion**:

- International
 Renew. prim. prod.
 Waste

- I will take part in the **Export workshop** from 2:00 p.m. on 11-1-2011

I pay

- against invoice** (possible only until 8-12-2010)
 by **Credit card**

.....
Card holder's name

.....
Card number

.....
Check digits

.....
valid until

Issued by:

- Mastercard VISA American Express

- by direct debit** (only possible from banks within Germany)

.....
Account holder's name

.....
Account No

.....
Bank code

.....
Name of the bank

.....
Place, date, company stamp and official signature

HOTLINE – FREE OF CHARGE: 0800/11 246427



The Fachverband Biogas e.V. has a membership of approximately 4,000, which makes it the largest German and European association representing the interests of the biogas sector. It unites owners, manufacturers and planners of biogas systems, representatives of science and research as well as interested parties from all of Germany.

Media partner:

joule



Supported by:



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