

Conditions of participation

Registration is required in writing per fax or e-mail. After receiving your complete registration, we will send you the confirmation and bill by e-mail. Written cancellations are possible up to January 08, 2015 for an administration charge of 150 Euro. After January 08, 2015 cancellations are billed in full. In case of cancellations even in case of illness we gladly accept a substitute participant. The number of participants is limited, therefore a timely registration is recommended.

Please tick

	Regular ¹	REA-member ^{1,2}
<input type="checkbox"/> Biogas Training – Part 1 , 25-27 Jan 2016	1.390,- €	1.210,- €
<input type="checkbox"/> Biogas Training – Part 2 , 28-29 Jan 2016	1.090,- €	970,- €
<input type="checkbox"/> Biogas Training – Complete Course, 25-29 Jan 2016	1.790,- €	1.490,- €

¹ All prices plus 19 % VAT. If there's a VAT registration number of your company available and your country belongs to the EU, we won't charge VAT.

² proof of REA-membership is required!

Registration form (please provide billing address)

UK Biogas Course, January 2016 - The Dolphin Hotel, St Ives, Cambs PE27 5EP, UK

Family name First name

Company/ Institution

VAT Reg.-No.

ZIP-code City Country

Street/No

Fon Fax

E-mail www

Date Signature**

** With your signature you agree that the following data (Name, Given name, Company, Company's homepage, Country) will be published in the participants list, which will be only distributed to the attendees of the respective training course.

Please send your registration

by Fax to:

or E-mail to:

+49 - (0)7954 - 926132

s.volk@biogas-zentrum.de

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International Biogas Training Course

Part 1: Practical Digester Biology

Part 2: Practical Engineering – Optimization in Gas Utilisation

The Dolphin Hotel, St Ives, Cambridgeshire, UK

January 25 – 29, 2016

The Renewable Energy Association (REA) and the International Biogas and Bioenergy Center of Competence (IBBK Fachgruppe Biogas) are delighted to announce a 5-day long in-depth Biogas Training Course, which is separated in two parts which can be booked separately or together. The course will be delivered by biogas experts from Germany and UK with many years of practical experience in the biogas sector.

Topics of Part 1: Practical Digester Biology

- Overview of the Biogasindustry in Europe and UK and its future development
- Fundamentals of biological process

- Choosing the right substrate
- Insitu process control and trouble shooting
- Measurement for process optimisation, stabilisation and enhancement of the biogas process

- Interactive group session
- Necessary laboratory tests & practical interpretation of operating modes using examples from practise
- Practical experiences & lessons from operating a biowaste and food waste plant
- Process parameters
- Introduction to Operator training, monitoring, commissioning & maintenance
- Practical exercises on process engineering and substrate selection
- ½ - day study tour



Topics of Part 2: Practical Engineering – Optimization in Gas Utilisation

- Awareness on accidents and safety experiences with 8000 biogas projects in Germany
- Health and Safety features of biogas plants and equipment
- Biogas upgrading and different pathways of biogas utilisation

- Biomethane injection – connecting to the gas grid connection
- Financial Incentives – RHI and Feed in Tariffs
- Practical guidance for electrical grid connections
- Digestate standard and digestate utilisation
- Managing Digestate to Land for Agricultural Benefit

The course fee includes

- seminar-CD
- beverages during the course
- lunch with beverages
- entrance fee to biogas site

... does not include

- travel to seminar and biogas site
- accommodation
- further meals and beverages

Who would benefit from the course?

- Biogas plant operators & staff; farmers planning to operate an AD-facility
- AD developers
- Central & local government officials engaged with AD
- Banks & investment houses, private investors
- Academic institutions

Preliminary Programme

Part 1: Practical Digester Biology – Optimisation of Biogas Production

Monday, 25 January 2016

Registration

Welcome to the seminar
Lecturers and attendees introduce themselves

Overview of the Biogas industry in Europe and UK and its future development

Fundamentals of biological process

Lunch

Choosing the right substrate and combining it for the optimal digestion input

Insitu process control and trouble shooting - Process monitoring and practical plant operation

Tuesday, 26 January 2016

Measurement for process optimisation, stabilisation and enhancement of the biogas process

Interactive group session -
Necessary laboratory tests & practical interpretation of operating modes using examples from practise

Lunch

Departure to a ½ - day field trip

Wednesday, 27 January 2016

Practical experiences & lessons from operating a biowaste and food waste plant

Process parameters

Lunch

Introduction to Operator training, monitoring, commissioning & maintenance

Practical excercises on process engineering and substrate selection

Part 2: Practical Engineering – Optimization in Gas Utilisation

Thursday, 28 January 2016

Awareness on accidents and safety experiences with 8000 biogas projects in Germany

Financial Incentives – RHI and Feed in Tariffs

Lunch

Biomethane injection – connecting to the gas grid connection

Biogas upgrading and different pathways of biogas utilisation

Friday, 29 January 2016

Health and Safety features of biogas plants and equipment

Practical guidance for electrical grid connections

Digestate standard and digestate utilisation

Lunch

Managing Digestate to Land for Agricultural Benefit

End Discussion, Hand out of certificates and end of the Seminar

Programme may be subject to change