



Schedule for

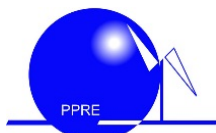
Biogas Compact Workshop

Mass Dissemination of Domestic Biodigesters
in Developing Countries

Scientific Foundations – Technology – Mass Dissemination

Apr. 20th – Apr. 23rd, 2016

HWK Delmenhorst
University of Oldenburg
Germany



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und Forschung

[Day 1]

April 20th 2016

HWK Delmenhorst

| | |
|--------------------|---|
| 08:00-09:00 | Bus Transfer from Oldenburg to Delmenhorst Leaving from Wechloy Campus bus stop |
| 09:00-09.30 | Registration |
| 09:30-11:15 | <p>Session Ia Expert Seminar</p> <p>Opening & Introduction Round</p> <p>Development of domestic biogas sector in Bangladesh by IDCOL Shibli Mohammad Faiz, IDCOL</p> <p>Providing Access to Modern Energy Services in Indonesia by Transferring Technology-Based Solution for Climate Change Mitigation and Life Improvement Gunawan Sudiyono</p> |
| 11:15-11:45 | Coffee Break |
| 11:45-13:00 | <p>Session Ib Expert Seminar</p> <p>Development of a Decision Making Tool for Designing Biogas Systems in Sub-Saharan Africa Gloria Rupf, Murdoch University</p> <p>Energy for Agriculture Introduction (E4A) Katungu Mukelabai, National Biogas Support Unit – SNV</p> |
| 13:00-14:00 | Lunch |
| 14:00-15:30 | <p>Session II Introduction</p> <p>Welcome by PPRE Staff Member & HWK Presentation of Schedule and Sessions</p> |
| 14:00-14:30 | |

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|--------------------|---|--|
| 14:30-15:30 | Session II | Introduction Domestic Biogas – Relevance of Biogas for Development Jan Lam, SNV |
| 15:30-16:00 | Coffee Break | |
| 16:00-18:00 | Session III | Keynotes |
| 16:00-17:00 | | From Biomass to Energy: The Biochemical Anaerobic Fermentation Process Prof. Rabus, Institute for Chemistry & Biology of the Marine Environment (ICBM), University Oldenburg |
| 17:00-18:00 | | Practical Implications of the Biochemical Process plus Discussion Felix ter Heegde, SNV |
| 18:30-20:00 | Dinner & Get-together | |
| 20:00-21:00 | Bus transfer from Delmenhorst to Oldenburg | Returning to Wechloy Campus |

[Day 2]

April 21st 2016

HWK Delmenhorst

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|--------------------|---|
| 08:00-09:00 | Bus Transfer from Oldenburg to Delmenhorst Leaving from Wechloy Campus bus stop |
| 09:00-09.15 | Introduction of the Day |
| 09:15-10:30 | Session IV Technical Aspects of Biogas: Plant Types/Designs and Design Choices, Parameters Jan Lam, SNV |
| 10:30-11:00 | Coffee Break |
| 11:00-12:00 | Session V Plant Dimensioning Felix ter Heegde, SNV |
| 12:00-13:00 | Lunch |
| 13:00-15:00 | Session VIa Appliances and Soil Fertility |
| 13:00-14:00 | Domestic Biogas Appliances: Design & Performance Jan Lam, SNV |
| 14:00-15:00 | Organic Material & Soil Fertility: Urban Organic Waste Camilo Wilches, Biogas Weser Ems Co., Friesoythe |
| 15:00-15:30 | Coffee Break |
| 15:30-17:00 | Session VIb Appliances and Soil Fertility |
| 15:30-16:30 | Organic Material & Soil Fertility: Bioslurry Felix ter Heegde & Steven von Eije, SNV |
| 16:30-17:00 | Wrap up and Discussion |
| 17:30-18:00 | Bus Transfer from Delmenhorst to Oldenburg Returning to Wechloy Campus |

[Day 3]

April 22nd 2016

University of Oldenburg

Wechloy Campus: Energielabor [W01]

Day 3 is all about practical applications. There will be four parallel practical sessions in the lab and two excursions to local biogas plants offered throughout the day. Please choose which sessions and excursion you want to participate in. Lunch and dinner will be served at the University of Oldenburg for everyone together.

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|--------------------|--|--|---|
| 08:30-09:00 | | Session VII Practical Application and Excursion | |
| | | Intro of the Day/Group Building | |
| 09:00-10:30 | Parallel Practical Sessions I *Biogas Stove Efficiency Test *Demonstration of the Lab Digester *Flow and Mixing in Biodigesters *tba | 09:00-12.30 | Excursion I Biogas Plant Ganderkese (Liquid Manure) |
| 10:30-11:00 | Coffee Break | | |
| 11:00-12:30 | Parallel Practical Sessions II (see above) | | |
| 12:30-13:30 | Lunch | | |
| 13:30-15:00 | Parallel Practical Sessions III (see above) | 13:30-17:00 | Excursion II Biogas Plant Westerstede (Grassland Cut) |
| 15:00-15:30 | Coffee Break | | |
| 15:30-17:00 | Parallel Practical Sessions IV (see above) | | |
| 18:00-21:00 | Cooking Event & Dinner | | |

[Day 4]

April 23rd 2016

University of Oldenburg
Haarentor Campus: BIS-Saal

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|---|--------------------------------|---|
| 09:00-09:15 | Introduction of the Day | |
| 09:15-10:30 | Session VIIIa | Mass Dissemination Programmes |
| 09:15-09:45 | | SNV Model Jan Lam, SNV |
| 09:45-10:30 | | Large Scale Domestic Biogas Dissemination: Development through the Market Jan Lam, SNV |
| 10:30-11:00 | Coffee Break | |
| 11:00-13:00 | Session VIIIb | Mass Dissemination Programmes |
| | | Economics and Financial Schemes Steven von Eije, SNV |
| 13:00-14:00 | Lunch | |
| 14:00-15:00 | Session IX | Software Applications / Wrap-Up |
| 14:00-14:30 | | Software Applications for Digital Biodigesters, Data Collection and Computing Felix ter Heegde, SNV |
| 14:30-15:00 | | Summary and Feedback Session |
| 15:00-15:30 | | Wrap up and Farewell |
| ***** End of Biogas Workshop ***** | | |



[Contact and Venue Information]

Conference Phone: 0049-(0)170/4766169

Venues

University of Oldenburg – Wechloy Campus

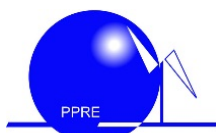
Carl-von-Ossietzky-Straße 9
26129 Oldenburg

University of Oldenburg – Haarentor Campus

Ammerländer Heerstraße 114
26129 Oldenburg

HWK Delmenhorst

Lehmkuhlenbusch 4
27753 Delmenhorst



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[Directions]

How to get to Oldenburg from Bremen Airport

Bremen Airport is only 3.5 km away from the main railway station and the city center. You can get from the airport to the main railway station in only 16 minutes using tram no. 6 (at peak times they run at five-minute intervals) and you get off right in front of the terminal. To get from the tram stop to your platform you should add about 5-7 minutes. The trains generally leave twice each hour, usually from platform 2 or 3. Please check https://www.bahn.de/p_en/view/ for actual information. You should purchase your ticket in the ticket hall or from a machine (there are many of these spread around the station as well as on the platform) before getting on the train. It is not generally necessary to book in advance for this short stretch. The journey to Oldenburg takes approximately 30 minutes.

How to get to Wechloy Campus from Oldenburg Train Station

Coming from the train station / city center take bus no. 306 headed towards "Universität". Get off at the terminal stop "Carl-von-Ossietzky-Straße". It takes approx. 15 minutes.

How to get to Haarentor Campus from Oldenburg Train Station

Coming from the train station / city center take bus no. 306 or 310 headed towards "Universität". Get off at the terminal stop "Universität". It takes approx. 15 minutes.

[Hotel zum Lindenhof]

Bloherfelder Straße 206, 26129 Oldenburg
Phone: 0049- (0) 441 951910

How to get there: Coming from the train station / city center take bus no. 329 from "Hauptbahnhof Süd" headed towards "Petersfehn". Get off at "Schramperweg".

How to get to the venue:

To get to the venue from "Hotel zum Lindenhof" it is best to just walk or call a taxi. Public transportation is possible, of course, but impractical.



SNV

CARL
VON
OSSIEZKY
universität OLDENBURG

[Hotel Hermes]

Ankerstraße 19, 26122 Oldenburg
Phone: 0049-(0) 441 77939100

How to get there:

The hotel is within walking distance from the train station (approx. 5 min)

How to get to the venue:

To get to the venue from "Hermes Hotel" take bus no. 306 from "Bahnhof Süd" headed to "Universität". To get to Campus Wechloy get off at "Carl-von-Ossietzky-Straße". For Campus Haarentor get off at "Universität".

[N8Haus]

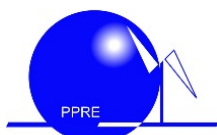
Lindenstraße 4a, 26123 Oldenburg
Phone: 0049-(0)176 81828133

How to get there:

Coming from the train station / city center take bus no. 313 (to BBS Wechloy)/301 (to Ofenerfeld)/329 (to Am Alexanderhaus)/324 (to Ostring). Get off at the stop "Pferdemarkt". The N8Haus is also within walking distance to the train station (approx. 10 min walk).

How to get to the venue:

To get to the venue from the N8Haus take bus no. 304 from "Pferdemarkt" headed towards "Bümmerstede". Get off at "Lappan" and change to bus no. 306 headed towards "Universität". For Wechloy Campus get off at "Carl-von-Ossietzky-Straße". For Haarentor Campus get off at "Universität".



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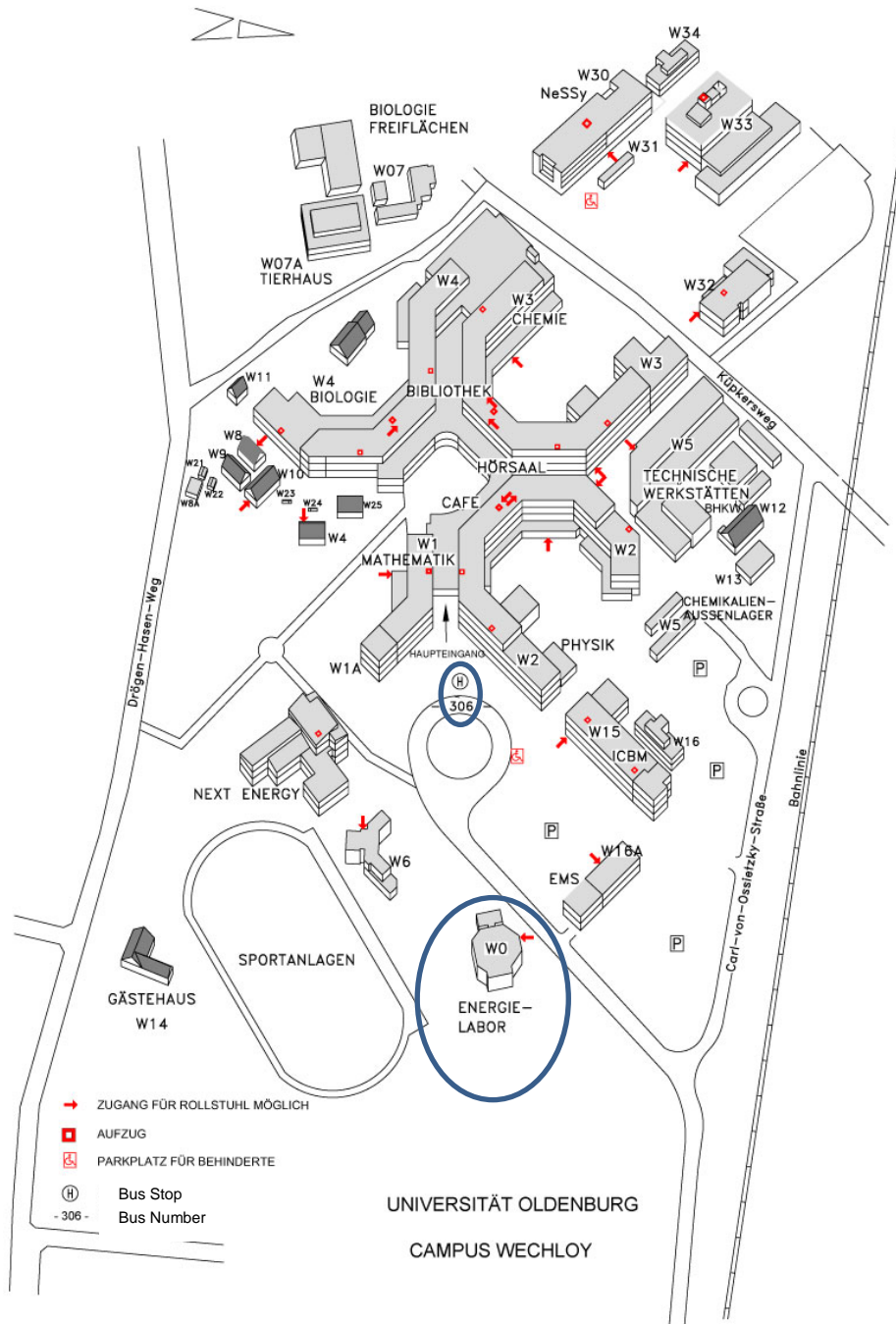
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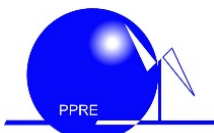
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[Wechloy Campus Map]



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