



**SNV**

CARL  
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**universität** OLDENBURG

Schedule for

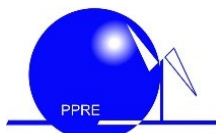
# 12<sup>th</sup> Biogas Compact Workshop

Mass Dissemination of Domestic Biodigesters  
in Developing Countries

Scientific Foundations – Technology – Mass Dissemination

Apr. 19<sup>th</sup> – Apr. 22<sup>nd</sup>, 2017

HWK Delmenhorst  
University of Oldenburg  
Germany



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[Day 1]

April 19<sup>th</sup> 2017

HWK Delmenhorst

<b>12:00-13:00</b>	<b>Bus Transfer from Oldenburg to Delmenhorst</b> Leaving from Wechloy Campus bus stop
<b>13:00-13:45</b>	<b>Registration &amp; Snacks</b>
<b>13:45-15:15</b> 13:45-14:00	<b>Session I Introduction</b> <b>Welcome by PPRE Staff Member &amp; HWK</b> Presentation of Schedule and Sessions
14:00-15:15	<b>Domestic Biogas – Relevance of Biogas for Development</b> Jan Lam, SNV
<b>15:15-15:45</b>	<b>Coffee Break</b>
<b>15:45-17:15</b>	<b>Session II From Biomass to Energy: The Biochemical Anaerobic Fermentation Process</b> Prof. Rabus, Institute for Chemistry & Biology of the Marine Environment (ICBM), University Oldenburg
<b>17:15-18:00</b>	<b>Poster Session with Coffee</b>
<b>18:00-19:00</b>	<b>Session III Guest Lecture</b> <b>Welthungerhilfe's Sustainable Food &amp; Nutrition Strategy as Applied in the DPRK (North Korea)</b> Lenard Milich, Welthungerhilfe
<b>19:00-20:30</b>	<b>Dinner &amp; Get-together</b>
<b>20:30-21:30</b>	<b>Bus Transfer from Delmenhorst to Oldenburg</b> Returning to Wechloy Campus

[Day 2]

April 20<sup>st</sup> 2017  
HWK Delmenhorst

08:00-09:00	<b>Bus Transfer from Oldenburg to Delmenhorst</b> Leaving from Wechloy Campus bus stop	
09:00-09.15	<b>Introduction of the Day</b>	
09:15-10:30	<b>Session IV</b>	<b>Practical Implications of the Biochemical Process plus Discussion</b> Felix ter Heegde, SNV
10:30-11:00	<b>Coffee Break</b>	
11:00-12:00	<b>Session V</b>	<b>Technical Aspects of Biogas: Plant Types/Designs and Design Choices, Parameters</b> Jan Lam, SNV
12:00-13:00	<b>Lunch</b>	
13:00-14:15	<b>Session VI</b>	<b>Plant Dimensioning</b> Felix ter Heegde, SNV
14:15-15:30	<b>Session VIIa</b>	<b>Appliances and Soil Fertility</b>  <b>Domestic Biogas Appliances: Design &amp; Performance</b> Jan Lam, SNV
15:30-16:00	<b>Coffee Break</b>	
16:00-17:45	<b>Session VIIb</b>	<b>Appliances and Soil Fertility</b>  <b>Organic Material &amp; Soil Fertility: Bioslurry</b> Jan Lam, SNV
16:00-17:30		
17:30-18:00		<b>Wrap up and Discussion</b>
18:00-19:00	<b>Bus Transfer from Delmenhorst to Oldenburg</b> Returning to Wechloy Campus	

[Day 3]

April 21<sup>st</sup> 2017

University of Oldenburg

Wechloy Campus: Energielabor [W01]

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

<b>9:00-9:30</b>	<b>Session VIII Practical Application and Excursion</b>	
	Intro of the Day/Group Building	
<b>09:30-13.00</b>	<b>Excursion to Biogas Plant Ganderkesee</b>	
<b>13:00-14:00</b>	<b>Lunch</b>	
<b>14:00-15:30</b>	<b>Parallel Practical Sessions I</b> *Biogas Stove Efficiency Test *Flow and Mixing in Biodigesters *Plant Dimensioning Exercise *Software Applications	from 14:00 <b>Preparations for Cooking Event in the Evening</b>
<b>15:30-16:00</b>	<b>Coffee Break</b>	
<b>16:00-17.30</b>	<b>Parallel Practical Sessions II</b> (see above)	
<b>17:30-21:00</b>	<b>Cooking Event &amp; Dinner</b>	
17:30-18:00	<b>Presentation</b> <b>Energy Saving Cook Stoves</b> Sebastian Erdmann, GloW	
18:00-21:00	<b>Joint Cooking and Dinner</b>	

[Day 4]

April 22<sup>nd</sup> 2017

University of Oldenburg  
Haarentor Campus: BIS-Saal

<b>09:00-09:15</b>	<b>Introduction of the Day</b>	
<b>09:15-10:30</b>	<b>Session IX</b>	<b>Mass Dissemination Programmes</b>
09:15-09:45		<b>SNV Model for Biogas Sector Development</b> Jan Lam, SNV
09:45-10:30		<b>Impact on Climate Change, Carbon Financing</b> Jan Lam, SNV
<b>10:30-11:00</b>	<b>Coffee Break</b>	
<b>11:00-12.45</b>	<b>Session X</b>	<b>Economics and Financial Schemes</b> Felix ter Heegde, SNV
<b>13:00-13:30</b>	<b>Feedback &amp; Farewell</b>	
	***** <b>End of Biogas Workshop</b> *****	



## [Contact and Venue Information]

**Conference Phone: 0049-(0)170/4766169**

### Venues

#### **University of Oldenburg – Wechloy Campus**

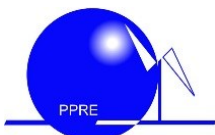
Carl-von-Ossietzky-Straße 9  
26129 Oldenburg

#### **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 Bremen. You can get from the airport to the main railway station in only 16 minutes using tram no. 6 heading to "Universität" (at peak times they run at five-minute intervals) and you get off right in front of the trainstation at "Hauptbahnhof". 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/](https://www.bahn.de/p_en/view/) for updated information. The Oldenburg you want to travel to is "Oldenburg (Oldb)". You should purchase your ticket in the ticket hall or from a machine (there are many of these spread around the stations 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 50 minutes.

### Getting around in Oldenburg

The public transport system in Oldenburg is provided by the VWG <https://www.vwg.de> (only in German) - Here you will find information about individual bus routes. An additional map of the Oldenburg bus network can be found here: <http://bit.ly/2p9NZNf>

### 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.



### **[B&B Hotel Oldenburg]**

Alexanderstraße 1-5, 26121 Oldenburg  
Phone: 0049 - (0)441 925110

#### 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". B&B Hotel 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 B&B Hotel take bus no. 304 from "Pferdemarkt" headed towards "Bümmerstede". Get off at "Lappan" and change to bus no. 306 headed towards "Universität". Get off at "Carl-von-Ossietzky-Straße".

### **[Hotel Acara]**

Am Stadtmuseum 12, 26121 Oldenburg.  
Phone: 0049 – (0)441 20550

#### How to get there:

Coming from the train station get on the bus at "Bahnhof Süd". Take no. 280 (to Wardenburg)/ no. 316 (to Kloster Blankenburg)/ no. 314 (to Tungeln). Get off at "Lappan". The hotel is also within walking distance from the train station (approx. 10 min walk).

#### How to get to the venue:

To get to the venue from "Acara Hotel" take bus no.306 from "Lappan" headed to "Universität". Get off at "Carl-von-Ossietzky-Straße".

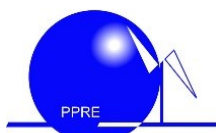
### **[Hotel zum Lindenhof]**

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.



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### **[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".

### **[Youth Hostel Oldenburg]**

Alexanderstraße 65, 26121 Oldenburg  
Phone: 0049 – (0) 441 87135

#### How to get there:

Coming from the trainstation take bus no. 329 (to Heidkamp/Wiefelstede)/ no. 313 (to BBS Wechloy) / no. 319 (to Am Alexanderhaus) and get off at "Von-Finckh-Straße".

#### How to get to the venue:

To get to the venue from the youth hostel take bus no. 329 from "Von-Finckh-Straße" headed towards "Petersfehn". Get off at "Lap pan" and change to bus no. 306 headed towards "Universität". Get off at "Carl-von-Ossietzky-Straße".

### **[N8Haus]**

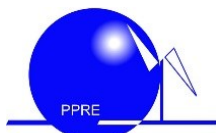
Lindenstraße 4a, 26123 Oldenburg  
Phone: 0049-(0)176 81828133

#### 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".



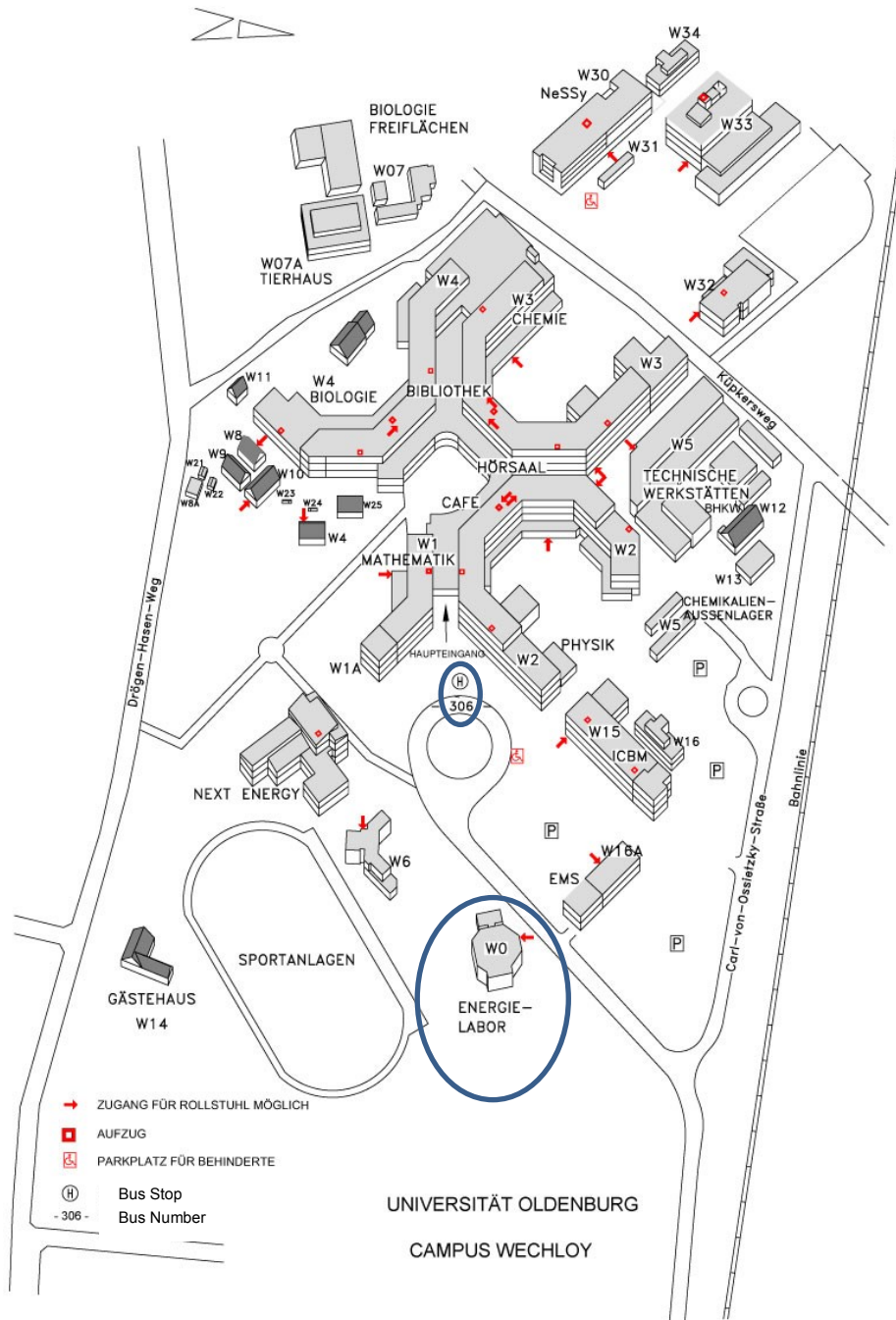
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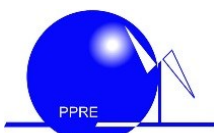
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[Wechloy Campus Map]



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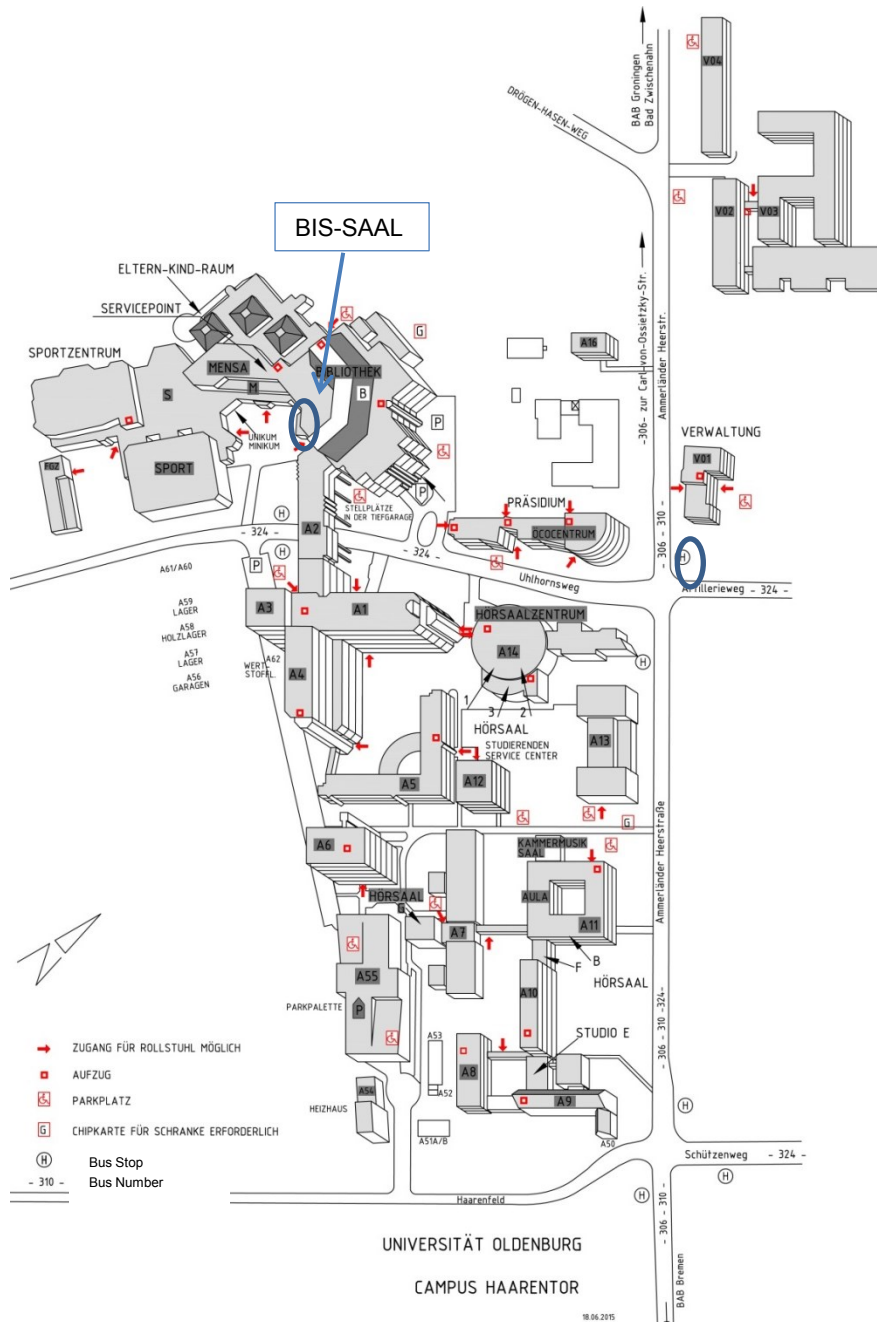


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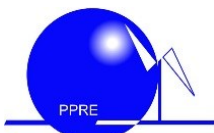
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[Haarentor Campus Map]



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