



Preliminary Programme 06.03.2015

Schedule for

Biogas Compact Workshop

**Mass Dissemination of Domestic Biodigesters
in Developing Countries**

– from Technology to National Programmes –

Long-term experience and lessons learnt

Biochemistry, Project Planning, Technology

Apr. 15th – Apr.18th, 2015

University of Oldenburg, Germany

Experts from [SNV](#) share their 20 year project experience on mass dissemination programmes of domestic bio digesters in the South East Asia and Sub-Sahara. Further experts on microbiology, soil fertility, humus balance, urban organic waste and Economy are complementing the programme. One excursion and hands-on labs will be offered.

Wednesday, 15.4.2015	Start of Compact Workshop (HWK, Delmenhorst)	
	14:00 – 14:30	Welcome Address by PPRE Staff member and HWK Presentation of schedule and sessions
	Introduction	
	14:30 – 15:30	Domestic Biogas – Relevance of Biogas for Development; Jan Lam, SNV
	15:30 - 16:00 Coffee break	
	Biochemistry in Bio-digesters and its Practical Implications	
	16:00 – 17:00	From Biomass to Energy: The Biochemical Anaerobic Fermentation Process; Prof. Rabus
	17:00 – 18:00	Practical Implications of the Biochemical Process plus Discussion Jan Lam, SNV
18.00 – 19:00	Clean Development Mechanism (CDM); Steven von Eije	
19:00	Get-together Dinner / Barbecue, Video: Biodigester Construction	

<p>Thursday, 16.4.2015</p>	<p>Compact Workshop (HWK, Delmenhorst)</p> <p>Technology</p> <p>9:00 – 09:15 Intro of the day 9:15 – 10:30 Technical Aspects of Biogas: Plant Types / Designs and Design Choices, Parameters ; Jan Lam, SNV</p> <p>10:30 – 11:00 Coffee Break</p> <p>11:00 – 12:00 Plant dimensioning calculations Jan Lam, SNV</p> <p>12:00 – 13:00: Lunch Break</p> <p>13:00 – 14:00 Domestic Biogas Appliances: Design & Performance Jan Lam, SNV</p> <p>14:00 – 15:00 Organic Material & Soil Fertility * Urban Organic Waste – Wilches, BWE</p> <p>15:00 – 15:30 Coffee Break</p> <p>15:30 – 16:30 Organic Material & Soil Fertility * Bioslurry – William Fotseu, SNV</p> <p>16:30 Wrap up / Discussion</p>
<p>Friday, 17.4.2015</p>	<p>Compact Workshop (Uni Oldenburg)</p> <p>Practical Sessions</p> <p>8:30 Intro of the day / Group Building</p> <p>9:00 - 10:30 Biogas stove efficiency test Biogas stove efficiency test</p> <p>10:30 – 11:00 Coffee Break</p> <p>11:00 - 12:30 Flow and Mixing in Biodigesters Inspection of Students' lab Digester, Sensors, and Analysis</p> <p>12:30 – 13:30 Lunch</p> <p>Afternoon</p> <p>Excursion to local Biogas Plant</p>

<p>Saturday 18.4.2014</p>	<p>Compact Workshop (HWK, Delmenhorst)</p> <p>8:30 – 8:45 Intro of the day</p> <p>8:45 – 10:00 The SNV Model for Programme Development: Feasibility Study, Technical, Social, Legislative and Administrative Conditions, Implementation Partners Selection and Tasks. Steven von Eije, SNV * Large Scale Domestic Biogas Dissemination: Development through the Market – Jan Lam, SNV</p> <p>10:00 - 10:15 Coffee Break</p> <p>10:15 – 11:15 Exit Strategies, Steven von Eije, SNV</p> <p>11:15 – 12:30 Economics and Financial Schemes * Economic and Financial Aspects of Domestic Biogas Return Calculations, Subsidy Calculations and Justification, Steven von Eije, SNV * Financing of Domestic Biogas Programmes, Steven von Eije, SNV</p> <p>12:30 – 13:30 Lunch Break</p> <p>13:30 – 14:00 Energypedia – Introduction; Ranisha Basnet, Community Manager</p> <p>14:00 – 14:45 Summary / Feedback Session</p> <p>14:45 Wrap up and Farewell</p>
	<p>End of Compact Biogas Workshop</p>