



GBEP – Study Trip – Friday 31 May 2013

8:45	Meeting point BMELV - Federal Ministry of Food Agriculture and Consumer Protection
9:00 10:00	<i>Bus ride</i>

Leibniz Institute for Agricultural Engineering Potsdam-Bornim (ATB)

10:00	Welcome, brief introduction of the institute's research tasks	A 101	Prof. Dr. Reiner Brunsch (Scientific Director ATB)
10:15	Environment-friendly and energy-efficient production of short rotation coppice (poplar and willow): cultivation, harvesting and storage; nutrient and substance cycles, emission of climate relevant gases;	Renewables plantation	Dr. Ralf Pecenka (Dept. Post Harvest Technology)
10:50	Biogasproduction: Feedstocks (residues and renewables) Microbiology Improved reactor and process technologies	Biogas lab	Prof. Dr. Bernd Linke (Dept. Bioengineering, Head) Dr. Jan Mumme (APECS)
11:30	Biomethane & Biochar – a hybrid process for energy production and carbon sequestration; use of residues for producing biochar as soil improver	Biochar lab	Dr. Axel Funke (APECS)
12:00	Material use of biomass: Biotechnological production of lactic acid for biopolymers;	Pilot plant lactic acid	Dr. Joachim Venus (Dept. Bioengineering)
12:30	Possible end of tour (option A) Return from Potsdam to Berlin on own demand (journey ca. 1,5h)		
12:45	<i>End of the ATB visit incl. bus transfer</i>		

Lunchtime in typical Prussian surrounding, Bornstedt Crown Estate

The Bornstedt Crown Estate is a unique ensemble of Prussian history. It is a place like none other in Potsdam's landscape of parks and palaces. (www.krongut-bornstedt.de)

12:45	Lunch
14:00	Possible end of tour (option B) Return from Potsdam to Berlin on own demand (journey ca. 1,5h)
14:30	<i>End of lunch incl. bus transfer (30 min.)</i>

Biogas plant with natural gas treatment

14:30	Neukammer 2	Guide Mr. Scheppelmann and Mr. Broecker	Natural gas treatment: DWW In service since: 2010, input biomethane [m³/h]: 1.050 Location near Nauen Bioconstruct/ www.bioconstruct.de
16:30	<i>Bus transfer (30 min.)</i>		

Visit of Potsdam sight

16:50/ 17:10	Cecilienhof Palace	The residence of Crown Prince William and his wife Cecilie, this final Hohenzollern palace building was created in the style of an English country house from 1913–17. It became famous as the site of the Potsdam Conference in 1945.
17:35/ 17:55	<i>End of visit of Cecilienhof</i>	
17:55 18:55	<i>Bus transfer to Berlin (1:00 h) Arrival</i>	