

## PROGRAM FOR BIOENERGY STUDY TOUR TO POLAND

Monday 4th of October – Friday the 8th of October 2010

Version 03.09.2010 – changes can occur

**The overall theme** of the study tour is "Biomass to Energy". However, in the program we especially focus on biogas production based on agricultural waste and energy crops.

**The purpose** of the study tour is to establish contacts between researchers and companies in Denmark (and other Scandinavian countries) and Poland in order to accelerate cooperation on development of new technologies and transfer of bioenergy and environmental technology. An example of a future cooperation could be the development of EU-supported bioenergy projects including participants from Poland, Baltic countries and Scandinavian countries. Another purpose of the study tour is to strengthen and expand the network among the participants on the tour.

Date	Time	Program
04.10.2010	7.25 - 8.10	Aalborg - Kastrup (if relevant)
	9.55 - 11.20	Kastrup - Warszawa
	11.20 - 13.30	Drive to Warsaw City and lunch
	13.30 - 15.00	<u>Meeting at Danish Embassy in Warsaw</u> : General introduction to the bioenergy sector in Poland, opportunities and barriers for bioenergy.
	15.30 - 17.00	Meeting with Polish Biomass Association
	18.00 - 22.00	Check-in at hotel and dinner
05.10.2010	09.00 - 11.00	<u>Meeting with representatives from Ministry of Agriculture and Rural Development</u> : National objectives for biogas and bioenergy in general, instruments used to reach the objectives, incentive systems to encourage farmers to engage in biogas/bioenergy activities, barriers for development of biogas/bioenergy sector in Poland, possibilities for future cooperation between Poland and Denmark.
	11.00 - 15.00	<u>Meeting with relevant organizations within biogas/bioenergy sector</u> : Institute for Renewable Energy (previously known as EC BREC), Polish Agricultural Advisory Centre and others.
	15.00 - 19.00	Drive to Torun North-East of Warsaw (approx. 210 km / 3,5 hours)
	19.00 - 22.00	Check-in at hotel and dinner

<b>06.10.2010</b>	7.30 - 10.00	Drive from Torun to Przechlewo (approx. 150 km /2,5 hours).
	10.00 - 17.00	<u>Meeting with Poldanor, a big agricultural enterprise producing pigs and now engaged in biogas production:</u> Motivation to engage in biogas, choice of technology used, experiences up to now and future plans for Poldanor's biogas activities, field visit to one or more plants.
	17.00 - 19.00	Drive to Gdansk (approx. 140 km)
	17.00 - 22.00	Check-in at hotel and dinner
<b>07.10.2010</b>	9.00 - 14.00	<u>Meeting at POMCERT/University of Gdansk with representatives of the regional authorities and a number of organizations and companies within the bioenergy sector.</u> The agenda for the meeting is presented below (draft version). Representatives of the following institutions will be invited: <ul style="list-style-type: none"> <li>• Office of the Marshal of Pomorskie Voivodeship</li> <li>• Institute of Fluid-Flow Machinery Polish Academy of Sciences, Baltic Eco Energy Cluster (BEEC)</li> <li>• ODYS shipyard (working with biogas technologies)</li> <li>• Gdańsk University of Technology</li> <li>• ENERGA BIOGAZ</li> <li>• Polish Biogas Association</li> <li>• Pomeranian Agricultural Education Centre (PAEC).</li> </ul>
	15.00 - 18.00	Guided tour around Gdańsk Old City. (Possibility for flying out of Gdansk and skipping the last day)
	19.00 - 22.00	Dinner
<b>08.10.2010</b>	8.00 - 10.00	Travel to Malbork
	10.00 - 11.00	Meeting with the representative of the Pomeranian Special Economic Zone
	11.00 - 13.00	<u>Visit to the Biodiesel production facility in Malbork:</u> First biodiesel plant in the Pomeranian Special Economic Zone
	13.00 - 15.00	Lunch and check-in at Gdansk Airport
	15.50 - 16.50	Gdansk - Kastrup
	17.40 - 18.25	Kastrup - Aalborg (if relevant)

*Changes in the program can occur.*

## Draft agenda for the meeting on the 7th of October

<b>Presentation</b>	<b>Presenting</b>
Presentation of Danish delegation	Danish Delegation (DK)
Brief presentation of invited institutions	Each attendee
Top priority environmental challenges in Pomeranian Region / Poland and in Denmark	DK and Marshal's Office
Status for development of bioenergy production in Pomeranian Region/Poland and in Denmark	POMCERT and DK
What is the potential to combine bioenergy activities and environmental activities?	Marshal's Office
What are the possibilities for test and certification of innovative environmental technologies in Pomeranian region/Poland?	POMCERT
What are the official objectives for biogas and bioenergy in general in the Pomeranian region and what instruments will be used to achieve them?	Marshal's Office
How are the farmers in the Pomeranian region encouraged to engage in biogas/bioenergy production?	Pomeranian Agricultural Education Centre
What are the barriers for the development of biogas/bioenergy sectors in Poland?	BEEC
Possibilities for exchange of knowledge and future cooperation between Denmark and Pomeranian region within the biogas/bioenergy sector	Discussion