

## Study Tour

### From waste to energy

Friday 14 September 2012

Tour facilitator: Karen Holm Olsen

Time	Transport	Activity
08:30	Bus ready	You will be picked up by bus at Danida Fellowship Centre, Hostrupsvej 22, 1950 Frederiksberg C, Denmark
08:30 – 09:00	Transport (30 min)	DFC to Hedeland
9:00 – 11:00	<b>Deponigas, Hedeland</b> Tokhøjvej 36, 4000 Roskilde  Mobile: 4016 0543	Presentation by Ole Elmose, Director Deponigas ApS is a private company formed in 1999 to develop and market units to collect landfill gas and in some cases to own and run landfill units. Low-tech solutions are offered to capture landfill gas from closed dump-sites, which may be used for electricity production.  Website: <a href="http://www.deponigas.com/">http://www.deponigas.com/</a>
11:00 – 11:30	Transport (30 min)	Deponigas, Hedeland to KARA/NOVEREN
11:30 – 14:30	<b>KARA/NOVEREN</b>  <i>Contact:</i> Henriette Skriver Tlf. 46 34 75 00  <i>Recycling:</i> Vester Hedevej 32 4000 Roskilde  <i>Incineration:</i> Håndværkervej 70 4000 Roskilde	KARA/NOVEREN is a waste management company founded on 1 January 2007 in a merger between the two waste management companies, KARA and NOVEREN. The company is owned by nine municipalities situated west and south of Copenhagen. The main purpose of the company is to solve the common task of general waste management for the nine municipalities incl. approximately 400,000 citizens and 20,500 companies.  <i>Recycling:</i> Presentation by Finn Kjær KARA/NOVEREN operates 14 civic amenity sites, a treatment plant for recycling of paper and cardboard, a landfill and a number of transfer stations.  <i>Incineration:</i> Presentation by Klaus W. Hansen The major part of the residual waste is treated at the company's waste-to-energy facility in Roskilde. The present annual capacity of the facility is 245,000 tpa. When the new line 6 is inaugurated in 2013, the capacity will be 350,000 tpa.  Website: <a href="http://karanoveren.dk/english">http://karanoveren.dk/english</a>
14.30 – 15.00	Transport (30 min)	Roskilde – DMU, Risø

<p>15:00-17:00</p>	<p><b>Joint Implementation (JI)</b></p> <p><i>Contact:</i> Marianne Thomsen Tlf: 87158602</p> <p>DMU: Frederiksborgevej 399 4000 Roskilde Lokale: Roskilde-Øst K1.36</p>	<p>Danish Domestic Climate Projects is a mechanism inspired by the Kyoto Protocol JI Mechanism. The aim of the mechanism is to generate cost effective emission reductions in a heavily regulated country like Denmark where the cost of reducing emissions are high. At the same time the mechanism should be simple, easy to understand and easy to use. Furthermore, the mechanism aims at finding and supporting new innovative green technologies. Projects eligible for funding through Danish Domestic Climate Projects should be sectors that are not covered by the European Emission Trading Scheme.</p> <p>The Danish Centre for Environment and Energy (DCE) on behalf of the Danish Energy Agency (DEA) support the development of Danish Domestic Climate Projects in areas such as smaller energy plants, households, waste water treatment, agriculture etc. Presentations will introduce the pilot mechanism and share experiences from selected pilot projects in the waste and energy sectors.</p> <p>Websites: DEA: <a href="http://www.ens.dk/en-US/ClimateAndCO2/NationalClimateProjects/Sider/Forside.aspx">http://www.ens.dk/en-US/ClimateAndCO2/NationalClimateProjects/Sider/Forside.aspx</a></p> <p>DCE: <a href="http://www.dmu.dk/luft/emissioner/co2calculator/">http://www.dmu.dk/luft/emissioner/co2calculator/</a></p>
<p>17:00-17.45</p>	<p>Transport (45 min)</p>	<p>DMU - DFC</p>