

CITyFIED

RepliCable and **InnovaTive**
Future Efficient Districts and cities

Lund Study Tour



May 31, 2018

**OPTIONAL: Visit to MAX IV Laboratory and Lund
largest PV plant on roofs, May 30, 2018**



Venue	Address: Råbylunds gård , Prästavägen 12
	City: Lund (Sweden)
	Link: http://rabylundsgard.se/en/

ENERGY.2013.8.8.1. Collaborative Project – This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement No 609129



Lund: May 30, 2018

Agenda

15:00 to 15:30	<i>Coffee break (optional)</i>
<p><i>A bus will depart from the venue site at 16:30 and from Lund central station (western side of the northern bridge (the colourful bridge), street address: Brotorget 1) at 17:00</i></p>	
17:00 to 19:00	<p>Visit to Lund largest PV plant on roofs</p> <p><u>Photovoltaic area</u></p> <p>Lund and Sweden's largest PV plant on roofs is located in LKF residential area Magistratsvägen. The 5,500m² of PV can produce approximately 780,000 kWh per year.</p>  <p>Visit to the cooling/heat-recovery energy central at MAX IV Laboratory</p> <p><u>The cooling/heat-recovery energy central at MAX IV</u></p>  <p>The MAX IV Laboratory (https://www.maxiv.lu.se/) in Lund is a Swedish national laboratory providing scientists with the most brilliant X-rays for research which was inaugurated in 2016. MAX IV's research equipment requires a stable and carefully regulated temperature to deliver the results that are the purpose of the plant. Kraftringen has therefore built an advanced cooling system that can regulate and maintain very stable temperatures. The heart of the cooling system is the cooling/heat-recovery energy central that is designed to recycle the cooled heat in Lund's district heating grid.</p>
19:10	Official Dinner

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Agenda

8:30 to 8:50	Reception of the participants Distribution of credentials	City of Lund/ CARTIF
8:50 to 9:00	Welcome from LUND	Jon Andersson <i>City of Lund</i>
9:00 to 9:15	Welcome and Presentation by the Project Officer	Mario Dionisio <i>European Commission</i>
9:15 to 9:25	CITYFiED overview	Ali Vasallo <i>CARTIF</i>
9:25 to 09:40	Scanian strategy for smart cities	Wilhelm Ast <i>Region Skåne</i>
09:40 to 10:20	Workshop Replication and Massive market deployment	Stina Stenquist <i>IVL</i> Giulia Massa <i>CARTIF</i>
10:20 to 10:40	<i>Coffee break</i>	
10:40 to 11:00	How behaviour of the tenants and energy efficiency measures interact	Eja Pedersen <i>Lund University</i>
11:00 to 12:00	Sharing experiences – Panel discussion Social acceptance	Markus Paulsson <i>LUND (moderator)</i>
12:00 to 13:00	<i>Lunch</i>	
13:00 – 14:50	Visit to Lund demonstration site <u>Linero district</u>	



The Linero district is a housing area where the blocks Eddan and Havamal consist of 28 three-level dwellings built in early 1970s. Today they contain a total of 681 apartments with



	<p>approximately 2,000 tenants. They are owned by the public housing company Lunds Kommuns Fastighets (LKF) AB. Only 16 of the 28 buildings are including in the CITYFiED projects 40,400 m² (conditioned area). The retrofitting of Linero district will focus on reaching a higher energy standard with maintained affordability for the tenants.</p>
14:50 to 15:10	<i>Coffee break (a bus will depart at 15:10 to the power plant)</i>
15:10 – 17:00	<p>Visit to Örtoftaverket biomass-fired combined heat and power plant</p> <p><u>Örtoftaverket, Combined Heat and power plant</u></p>  <p>Kraftringen's biomass fueled Combined Heat and Power plant, Örtoftaverket (110 MW_{thermal}), inaugurated in 2014, provides district heating corresponding to some 25,000 single-family dwellings (500 GWh), or 50 % of the total demand in Lund, Eslöv and Lomma municipalities combined, alongside some 220 MWh of electricity per annum. Approximately 310 000 tonnes of biomass per year is used.</p>
19:00	Informal dinner

Contacts

Contact details

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