

## Specialist Excursion - Bioenergy

8.00 am Departure from Aarhus by bus

9.00 am Arrival at Aarhus University, Foulum

**AU Foulum**  
Blichers Allé 20  
8830 Tjele

### Foulum biogas plant - the world's largest pilot plant

The world's largest biogas plant for research purposes is located at AU Foulum. It is used by scientists and companies to study technologies for all aspects of treatment of biomass and control of the biogas process.

**One of the scientists responsible for the plant will show us around and give us a glimpse of the most current tests. Tests at the plant in Foulum have, among other things, formed the basis for the world's largest commercial biogas plant, Maabjerg Energy Center.**



AU-Foulum

### Foulum biorefinery - major new pilot plant

In spite of Denmark's leading position in biomass, there is unredeemed potential in further optimisation of biomass yield and converting Denmark to a bio-based society, primarily by using green crops for biomass. The purpose of the new plant is to extract oil from grass. Together with a new plant that initially extracts protein from grass, this biorefinery will pave the way for an entirely new cultivation system.

**"We convert grass to oil, copying nature's own process, and the fantastic thing is that it doesn't take millions of years; we can do it in half an hour."**

Brian Bech Nielsen, rector at Aarhus University

**Prominent research directors will give us an insight into what biorefining is, and we will learn how trials have had an impact on the planning of Maabjerg Energy Center.**



HTP plant, Foulum.



10.30 am Departure from Aarhus University, Foulum

On the trip to Maabjerg, we will hear about Agro Business Park and INBIOM. Agro Business Park is a research park and creates a link between research and industry. One of the research park's focus areas is the innovation network INBIOM.

**They will give us examples of ways in which these exciting, yet difficult, focus areas can be turned into concrete projects and workplaces.**





11.30 am  
-12.00 pm

## LUNCH -

We will eat lunch in the auditorium at Maabjerg Energy Center

12.00 midday  
Maabjerg  
Energy Center  
Nupark 51  
7500 Holstebro

## Maabjerg Energy Center

Maabjerg Energy Center is, to date, the world's largest commercial biogas plant. Maabjerg focuses on biogas, bioethanol and bioheat and power.

Maabjerg Energy Center is planning to expand by adding a second generational bioethanol factory in 2018. Maabjerg Energy Center will produce 80 million litres of bioethanol a year, approximately 50 million cubic metres of biogas - a large proportion of which will be cleaned and upgraded to the same quality as natural gas - and electricity and district heating to supply the equivalent of 25,000 households.

***One of the architects of the centre will give us a guided tour and tell us about their venture, which is unique across the world. There will be plenty of opportunity to ask questions.***



MAABJERG ENERGY CENTER  
HOLSTEBRO STRUER



Maabjerg Energy Center

2.00 pm

## Departure from Maabjerg

3.00 pm

## Arrival at Jacob Jensen Design

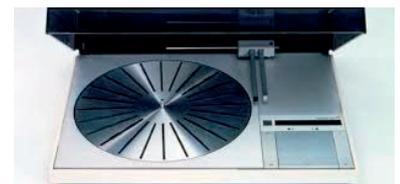
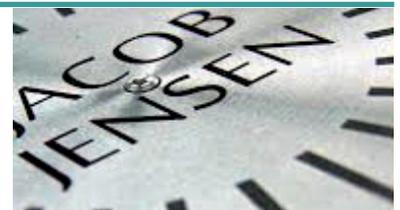
Jacob Jensen  
Design  
Hejlskovvej 104  
7840 Højslev

## Exclusive visit to Jacob Jensen Design

The last visit of the day is an inspiring trip to Jacob Jensen Design; one of the world's most award-winning design consultancies.

Jacob Jensen Design has played a prominent role in industrial and graphic designs for six decades and is behind numerous iconic and internationally renowned products for companies such as B&O. They will introduce us to the company's philosophy, roots in the local community and international position.

***This last visit of the day will be a particularly special experience and will provide a setting for networking and processing of the impressions of the day.***



4.00 pm

## Departure from Jacob Jensen Design

5.30 pm

## Arrival at Aarhus

## THANK YOU FOR TODAY