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## INTERNATIONAL ALGAE CONFERENCE ON INNOVATIVE SEQUESTRATION AND BIOLOGICAL PRODUCTION

Date: 10th – 11th June 2013

Time: 09h00-17h30

Place: Denmark: Hotel Maribo Soepark, 4930 Maribo, Lolland

### Invitation:

*It is our privilege to invite you to Lolland's 2<sup>nd</sup> International Algae Conference, where we compare progress, share results and discuss challenges and visions in an exciting and open international forum of invited speakers and participants from a diverse background of research, business and policy.*

### Background:

Algae Innovation Center (AIC) Lolland commenced in 2010 as a project between Green Center, Roskilde University and Aalborg University with the aim of identifying and researching the potentials of using macro- and microalgae to find solutions for environmental and energy challenges in our modern society. Our work started with facilitating the idea of the transition from “problem to resource” using algae as a key to new innovative solutions for present environmental and future resource challenges. We now have firsthand experience that algae can contribute to new and optimized solutions for a long list of challenges, such as the reduction and remediation of carbon, phosphorus, nitrogen and heavy metals in waterborne systems. There is no doubt that algae innovation is on the way to bringing valuable solutions to our society, improving our environment and creating new fields of employment. The Region of Zealand and not least Lolland Municipality has demonstrated its determination to be a leader by investing in algae technology and renewable and innovative technology solutions since the mid-nineties and our otherwise low-lying region is on the rise in more ways than one!

### Challenges:

The environmental goals that have been set by Danish, Baltic, European and Global politicians are ambitious and can only be met if the path from research and testing to implementation is adequately prepared with suitable legislation and frameworks on all levels. Algae can contribute as a tool for solving society's greater challenges and as a key to a new valuable biomass for a future bio-based society – but whether it is possible to progress further and implement the knowledge that is here and waiting to become solid clean tech solutions without the common will of public bodies and private enterprises is doubtful. There is a need for political support, financial incentives and public acceptance in order to take the next step from vision to action in the field of algae technology.

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**Participation:**

We would like our 2<sup>nd</sup> International Algae Conference to be a dynamic process, so if you would like to contribute with a presentation or a poster of your work with related topics, please send a short abstract to Hilary Karlson on [hik@greencenter.dk](mailto:hik@greencenter.dk) with your contact details by **May 15<sup>th</sup> 2013**. Any queries regarding the practicalities of the conference are welcomed at the same address.

Registration is now open: please fill out the attached registration form and return to [hik@greencenter.dk](mailto:hik@greencenter.dk)

**Deadline** for registration is **May 22<sup>th</sup> 2013**. There is no participation fee, but a penalty of 1500DKK/250€ will be charged in case of "no show". Rooms at 450DKK pr. person pr. night can be reserved directly with Hotel Maribo Soepark; Stefanie [sk@maribo-soepark.dk](mailto:sk@maribo-soepark.dk) – reference: GREEN CENTER.

On behalf of Algae Innovation Center Lolland and Lolland Municipality and cooperation with SUBMARINER, we welcome you and look forward to a lively debate!

Pia Bro Christensen  
Project Leader  
Algae Innovation Center Lolland

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### **PRELIMINARY PROGRAM: 10<sup>th</sup> June 2013**

09:00	<i>Registration and coffee</i>
09:30	Welcome: Poul H. Madsen, Director Green Center
09:45	Moderator Verner Kristiansen - Conference Program overview and practicalities
10:00	<b>Opening Speech:</b> Martin Lidegaard, Minister for Climate, Energy and Building, Denmark
10:20	Plant Power: The Ultimate Way to Go Green, Prof. Birger Lindberg Møller, Copenhagen University
10:40	<i>pause</i>
11:00	Speeding up the Green Economy, Dr. Andrea M. Bassi, Switzerland
11:20	A Baltic Case: Mathias Bergman, Baltic Sea Action Group, Finland TBC
11:40	<i>NN: The human factor in a bio-based society</i>
12:00	Debate and summary
12:20	<i>lunch</i>
13:20	OMEGA challenges, Prof. Jonathan Trent, USA
13:40	Dr. M. Velan, Neyveli Lignite Corporation, India
14:00	Prof. Lene Lange, Aalborg University, Denmark TBC
14:40	Swedish Case: Policy for Industry, Prof. Catherine Legrand, Sweden, TBC
15:00	<i>Debate and summary</i>
15:15	<i>pause</i>
15:30	Conclusions Day 1 and the work plan for Day 2 – Group photo
16:00	<i>Walkabout in Maribo/ Algae Innovation Centre Lolland visit option</i>
17:30	Poster perusal/refreshments/mingling
18:15	<b>Conference Dinner</b>

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### **PRELIMINARY PROGRAM: 11<sup>th</sup> June 2013**

09:00	Program overview – Verner Kristiansen
09:10 – 11:40	Welcome: Let's share our global progress– Poul H. Madsen, Jonathan Trent, Søren Laurentius Nielsen, Lene Lange (TBC)
09:20 – 12:00	8 Presentations from around the world
12:00	<i>Lunch break</i>
13:00 – 15:00	Parallel Workshops
WS1/WS2: 13-14:00	
WORKSHOP 1:	<b>Remediation and sequestration in biological production</b>
WORKSHOP 2:	<b>Combined and integrated use of algae in modern infrastructures</b>
WS3/WS4: 14-15:00	
WORKSHOP 3:	<b>Open topic (chosen from Day 1 discussions)</b>
WORKSHOP 4:	<b>Open topic (chosen from Day 1 discussions)</b>
15:00	<i>Coffee Break</i>
15:15	Workshop summaries, workshop chairs & Verner Kristiansen
16:00	Algae Horizons in a bio-based society – brainstorm and mapping
17:00	Summary and closing remarks