

The presentations given on day one must provide answers to the following questions

All presentation Monday the 3rd of October 2016 should contain topics that relate to the overall aim of the biochain project i.e. the development of joint models.

- The contribution of the studies to the overall aim of the study.
- Format of data delivered
- Demands to models delivering data
- Which programming language is used for developing models
- Perspectives of the work carried out



BioChain – Project partners workshops

Venue

Lyngby-Tårnbæk Vandrerhjem. Danhostel Lyngby-Taarnbæk, Raadvad 1, 2800 Lyngby - DK.

Homepage : www.lyngbyhostel.dk

Phone : 4580 3074 - Fax 4580 3032.

Dates

Monday the 3rd October 2016 - 11:00 till Tuesday the 4th of October 2016 - 16:00.

Background μ

The partners have agreed on to organise one workshop. This workshop is the third and last workshop in a series of annual Biochain workshops, whose primary aim is to agree on how to develop the models for decision support. These models are a most important outcome of the Biochain project and all partners have agreed on that the models shall be structured so that each provides needed data for calculations in “fellow models”.

A result of the workshop should be an agreement on how the supervisors can continue the work on developing models within the framework given by the boundaries of the Biochain project. We further have to carry out our research so that by the end of 2017 we can present model calculations showing the usefulness of the model framework – which advises about biomass management that, at a low cost and use of energy, produces much biogas, reduces GHG emission and increases carbon sequestration.

Abstracts

All students must send Sven an abstract in a format that makes it useful for the final report from the project.

Objective of the workshop

- Information about the progress of the individual activities
- The economic value chain model
- The biomass value chain model framework
- Deciding the short text to the annual and final report that must be delivered by supervisors and PhD
- Joint article
- Conference

Program

Monday 3rd October	
11:00 – 11:30	Venue
11:30 – 12:00	Sven G. Sommer. Achievements till now and vision for the Biochain model framework
12:00 – 12:30	Lunch
12:30 – 13:30	1) Temesgen Fitamo, PhD student, Technical University of Denmark, Department of Environmental Engineering: “Predicting biochemical methane potential of urban organic Waste using near infrared reflectance spectroscopy” 2) Ali Heidarzadeh, PhD student, University of Southern Denmark (November 2013 – November 2016).
13:30 – 14:30	3) Ida Græsted Jensen, PhD student, Technical University of Denmark, Department of Management Engineering. 4) Lise Skovsgaard Nielsen, PhD student. Technical University of Denmark, Department of Management Engineering.
14:30-15:00	Break
15:00-16:00	5) Søren O. Petersen/Khagendra Raj Baral, PhD student, Aarhus University, Department of Agroecology 6) Quan Van Nguyen, PhD student, University of Copenhagen, Department of Plant and Environmental Sciences.
16:00-17:00	7) Jin Mi Triolo - modelling 8) Henrik Klinge Jacobsen. DTU Management Engineering, Energy Systems
17:00-18:30	We split up in groups and walk for 45 minute talking about how to organise the modelling work Present the outcome of the talks
19:00-21:00	Dinner
21:00-	Small talk
Tuesday 4th October	
8:45-10:15	Value chain economy model – we need input from the companies <ul style="list-style-type: none"> • Comments to presentations and work up to now • How does the result of the studies match real world need • Discuss the specific results from studies and models calculations
10:15-10:30	
10:30-12:00	Value chain biomass model – we need input from the companies <ul style="list-style-type: none"> • Comments to presentations and work up to now • How does the result of the studies match real world need to • Discuss the specific results from studies and models calculations
12:00-13:00	Lunch
13:00-16:00	Talks by industrial partners about expectation and also areas where they can contribute to our work. Format of annual report and final report (So that students finalising their studies this year can write their contribution to this report) Transfer and need for data etc.

	Final joint article
	Future collaboration

Invited project participants

Sven G. Sommer, Professor

Ali Heidarzadeh Vazifehkhoran, PhD student

Jin Mi Triolo, Post Doc

Alessio Boldrin, Senior Researcher

Charlotte Scheutz, Professor

Temesgen Fitamo, PhD student

Ida Græsted Jensen, PhD student

Lise Skovsgaard Nielsen, PhD student

Henrik Klinge Jacobsen, Professor

Khagendra Raj Baral, PhD student

Søren O. Petersen, Senior scientist

Quan Van Nguyen, PhD student

Sander Bruun, Associate Professor

Lone Abildgaard, Consultant

Kari-Anne Lyng, PhD student (Can't come –parental leave)

Annemarie Gotfredsen

Jeppe Bjerg

Alan Lunde

Nina Juul

Lars Stoumann. Jensen

Jørgen E. Olesen

Rune Duban Grandal

Anders Bavnhøj Hansen,

Dr. Roland Bol

Dr. Barbara Amon

Dr. Martin Chantigny