



This conference is organised as part of the SidaTim
 FACCE SURPLUS project www.sidatim.eu

Project Partners



West Pomeranian
 University of Technology,
 Szczecin,
 Poland



University of Freiburg, Germany



Consiglio Nazionale delle Ricerche –
 Istituto di Biologia Agroambientale e
 Forestale (CNR-IBAF), Porano, Italy



Consiglio per la ricerca in
 agricoltura e l'analisi dell'
 economia agraria, Italy

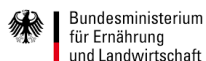


3N Center of Experts, Werlte, Germany



Cranfield University, England

Funding / Administration



Registration and Contact

Registration is open until 31 August 2018.

Please register at the General Secretary:

Magdalena Sobolewska

magdalena.sobolewska@zut.edu.pl

The participation in the conference is free.

Call for Posters

Participants are invited to present a poster
 on their research into biomass production.
 Please submit an abstract (up to 200 words)
 by **31 August 2018** to Magdalena Sobolewska
 (see above) .

Authors of eligible abstracts will be invited to
 bring a poster to the conference.

Venue:

Hotel Wenus, Szczecińska Street 21
 73-108 Szczecin - Kobylanka, Poland



www.en.hotel-wenus.pl

Szczecin - Kobylanka
19-20 September 2018



Novel and Sustainable Pathways of Biomass Production



Zachodniopomorski
 Uniwersytet Technologiczny
 w Szczecinie



FACCE SURPLUS
 SUSTAINABLE AND RESILIENT AGRICULTURE
 FOR FOOD AND NON-FOOD SYSTEMS

Novel and Sustainable Pathways of Biomass Production

Challenging and competitive market conditions in the European bio-economy have led to increasingly intensified agricultural cultivation practices. However, these practices have had ecologically adverse impacts such as high nitrate leaching, excessive soil erosion, and the loss of insect and bird populations in agricultural areas.

Hence, a reorientation of agricultural management practices that provides increased production and utilization of natural resources as well as ecological sustainability is needed. This conference highlights the latest international research on biomass plants that can be used help to mitigate some of these ecological challenges.

Particular focus will be given to the plants *Sida hermaphrodita* and *Silphium perfoliatum*, highlighting their productivity, potential uses, open research questions, and management experiences.



Wednesday, 19 September

9:00 - 12:45 Morning Session

- **Welcome.** Marek Bury, WPUTS, Poland
- **Biomass production in Germany: Promotion, trends and sustainability.** Theodor Fock, HS Neubrandenburg, Germany
- **Overview on the project SIDA^{TIM}.** Michael Nahm, University Freiburg, Germany
- **Towards a closer understanding of *Sida*: plant establishment, performance, and biomass utilization.** David Jablonowski, Forschungszentrum Jülich, Germany
- 10:45 - 11:15 Coffee Break
- ***Sida* and *Silphium* cultivation in Austria – sowing, biomass production and crop management.** Philipp von Gehren, AGES, Vienna, Austria
- **Economic and environmental sustainability of *Sida* and other biomass crops on Italian farms.** Gianni Facciotto & Pierluigi Paris, CREA & CNR, Italy
- **Biomass yields of *Sida* and *Silphium* growing in north-western Poland.** Marek Bury, WPUTS, Poland

12:45 - 13:45 Lunch Break

13:45 - 16:45 Afternoon Session

- **Practical experiences with the cultivation of *Sida hermaphrodita* in Poland.** Miroslav Kozakowski
- **Practical experiences with the cultivation of *Sida hermaphrodita* in Germany.** Dirk Hellinghaus
- **Chemical properties of *Sida* and *Silphium*.** Hanna Siwek, WPUTS, Poland
- 15:15 - 15:45 Coffee Break
- **Phytoremediation driven energy crop production using *Sida hermaphrodita* – the Phyto2Energy Project.** Jacek Krzyzak, Institute for Ecology of Industrial Areas, Katowice, Poland
- **Growth and performance of *Miscanthus sp.* on contaminated arable land – the MISCOMAR Project.** Marta Pogrzeba, Institute for Ecology of Industrial Areas, Katowice, Poland

Thursday, 20 September

9:00 - 11:30 Field Trip

Excursion to the Experimental Agricultural Station in Lipnik

Demonstration of experimental test plots with different energy plants including *Sida hermaphrodita*, *Silphium perfoliatum*, willow, *Miscanthus*, *Spartina pectinata* and others.

Return to Hotel Venus.

11:30 - 12:30 Poster Session

12:30 - 13:30 Lunch Break

13:30 - 14:30 Summary and closing of the conference

Conference Location:

Hotel Venus, Szczecin - Kobylanka



For further details, see www.en.hotel.wenus.pl

