

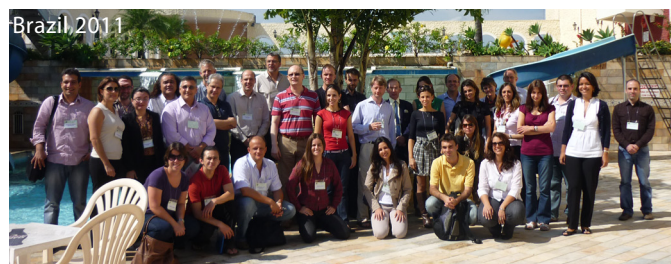

 Newsletter
 Number 1

May 2011

www.sunlibb.eu

Welcome to the first SUNLIBB newsletter.

The SUNLIBB project is funded under the Seventh Framework Programme (FP7) within the Energy theme: Second Generation Biofuels – EU Brazil Coordinated Call. SUNLIBB started on 1st October 2010 for 4 years. It will collaborate with a parallel project in Brazil, CeProBIO.



SUNLIBB Sustainable Liquid Biofuels from Biomass Biorefining Project description

SUNLIBB brings together world-leading researchers with innovative new industries working to overcome technical barriers all along the pipeline for second generation bioethanol production. The range of research spans from feedstock improvement, through innovations in pretreatment and saccharification, the generation of added value products, especially from lignin, and innovations in fermentation. Our work is focussed on C4 grasses as these encompass maize, miscanthus and sugarcane, and these closely related species are major bioenergy crops in Europe and Brazil. You can find out more about SUNLIBB research on www.sunlibb.eu.

Center Of Biological and Industrial Process for Biofuels (CeProBIO) Project description

CEPROBIO is an initiative that aims to articulate the collaborative work of groups in various areas of biofuel scientific and technological research. CeProBIO involves 44 Universities and Research Institutions distributed over a number of regions of 12 Brazilian states and Federal District. The advances made in this area will materialize in a sustainable and environmentally safe pilot plant that is based on an energy integrated industrial design. It will be used to improve process efficiency and optimization studies, co-generation of “green” chemical inputs, analysis of waste and effluent usage, and determination of social and economic impacts.



SUNLIBB / CeProBIO cooperation

The aim of the work is to combine European and Brazilian research strengths to open the way for cost-competitive lignocellulosic bioethanol production, whilst ensuring that this also brings the anticipated environmental benefits. This project will integrate Brazilian expertise in sugar cane breeding and bioethanol process engineering with EU expertise in genomics, plant science and green chemistry.

The programme includes extended exchange of laboratory-based researchers to support transfer of technology between partners.

Maize field work (INRA, France)



SUNLIBB Participants

The University of York (United Kingdom)
North Energy Associates Limited (United Kingdom)
Ecover Belgium Nv (Belgium)
Borregaard Industries Limited (United Kingdom)
Bioconversion Technologies Ltd (United Kingdom)
Processum Biorefinery Initiative Ab (Sweden)
Biogemma (France)
The University Of Cambridge (United Kingdom)
Institut National De La Recherche Agronomique (France)
Wageningen Universiteit (Netherlands)
Vib (Belgium)
The University Of Sheffield (United Kingdom)
University Of Leeds (United Kingdom)

Major CeProBIO collaborators

Contact Mariana Gonçalves (ceprobio@gmail.com)
Universidade de São Paulo (USP)
Universidade Federal de São Carlos (UFSCar)
Laboratório Nacional de Ciência e Tecnologia do Bioetanol (CTBE)
Empresa Brasileira de Pesquisa Agropecuária (EMBRAPA)
Universidade Estadual de Campinas (UNICAMP)
Universidade Federal de Viçosa (UFV)

SUNLIBB/CeProBIO meetings

Meetings take place bi-annually
The kick-off meeting took place in York, UK the 20th to 22nd October 2010
The first meeting took place in São Pedro, Brazil the 9th -12th May 2011
Next meeting will be in Cambridge, UK the 21st-23rd September 2011

Meeting

Anna Evans from North Energy Associates Limited will attend the SETAC Europe 21st Annual Meeting, Milan, Italy 15-19 May 2011.

Appointment

Stravos Afionis joined the SUNLIBB team in April 2011 as a Postdoctoral Research Fellow at the University of Leeds, working with Dr Lindsay Stringer in Work Package 8 (WP8) on sustainability policy and guidelines on biofuels. Find out more about Dr Afionis background and interest in www.sunlibb.eu in description of Partner 10, University of Leeds

Contact

Dr. Alexandra Lanot
SUNLIBB project management
CNAP-Department of Biology (Area 8)
University of York
Heslington
York, YO10 5DD

Tel: +44 (0)1904 328782
Email: biol-sunlibb@york.ac.uk
Web: www.sunlibb.eu

