

5th Agropolo Workshop Bioeconomy

“Biomass Valorization for Chemicals”

*March 21 and 22, 2017, University of Campinas (UNICAMP), GGBS Conference Room
Campinas – São Paulo - Brazil*

The Objectives The goal of the 5th Workshop on Bioeconomy is to stimulate the debate on the present actions, challenges, opportunities and the best strategies for the use of biomass in the production of chemicals to substitute petrochemicals in the next decades and to strengthen Brazil's position in the global market. The main topics of discussion are 1) to understand the efforts of Brazil, The Netherlands and France in the large-scale production of biochemicals; 2) to identify the main challenges in the production of chemicals from biomass, especially in technical, economic, environmental and marketing areas; 3) to identify the best strategies to enhance the value of biomass for the production of chemicals; and 4) to identify potential chemical products to be produced in Brazil and determine how to add value to them.

Problems & Opportunities In 2016, petroleum and natural gas were responsible for 53.6% of the green house gas emissions (GHG), mostly due to their use in energy production, however with a significant contribution by the petrochemical industry. Thus, the production of chemicals from biomass (especially biomass residues from agriculture and industry) presents an opportunity to mitigate greenhouse gas emissions. However, in most cases the worldwide large-scale sustainable production of chemicals from biomass is not as economically viable as the production of the same chemicals from petroleum. Large technical, economic, environmental and marketing gaps still exist for most chemicals. The Brazilian experience and competitiveness in agriculture and the large industrial infrastructure of the biochemical industries are key factor to accelerating economic and sustainable development as well as to making viable the substitution of petrochemical products by biomass-based chemicals in Campinas region, in Brazil and hopefully in the world.

Intended Audience Public and private companies (technical staff, administrators, directors), governmental organizations (city halls, regulatory agencies) research center and universities.

Speakers The Speakers at the 5th workshop are from Chemical companies (Braskem, Clariant, Oxiteno), government and class organizations (ABIQUIM, SENAI), Brazilian research centers and universities (UNICAMP) and from abroad (BE-Basic Foundation/The Netherlands, CIRAD/France and IAR Pole/France).

Registration in: <http://www.agropolocampinasbrasil.org/5wspppbio>

The Agropolo Campinas-Brasil development strategies

This workshop is part of the Bioeconomy Public Policy Project (PPPBio) carried out by Agropolo Campinas-Brasil and supported by the São Paulo Research Foundation (FAPESP). PPPBio objective is to develop a roadmap in order to understand the required researches for the development of the bioeconomy sectors in Campinas region and in Brazil.

More details:

<http://www.agropolocampinasbrasil.org>

Email: agropolo@agropolocampinasbrasil.org

Phone: +55 19 2137-0626