



SAHYOG Stakeholder Workshop EU – India Cooperation on Biomass and Bio-waste Research and Development

***6th June 2013, 13:30 – 18:00
Bella Center, Room 17, Copenhagen, Denmark***

on the occasion of the 21st European Biomass Conference and Exhibition

Programme



The SAHYOG Project

The objective of the SAHYOG project is to actively and effectively link research activities implemented within EU research programmes and related programmes by Indian national institutions in the fields of biomass research and bio-waste conversion to prepare a Strategic Research Agenda and a roadmap for the advancement of RTD with mutual benefits.

Within SAHYOG broad networking of respective scientific and industry communities, twinning of large sets of research projects, as well as short term exchange visits of researchers are implemented.

Based on SAHYOG findings, RTD Roadmaps are elaborated through consultation with stakeholders at the governmental, research and industrial level that present a concerted planning of future research initiatives in the area of biomass production and bio-waste conversion.

This coordination activity is of large importance to systematically bridge the on-going respective activities from India and Europe that help providing the basis for novel applications in a sustainable bio-economy of the future – the so-called knowledge based bio-economy (KBBE).

SAHYOG is supported by the European Commission within the 7th Framework Programme (FP7-289615) and by the Department of Biotechnology (DBT) of the Indian Ministry of Science and Technology. It is coordinated by the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) and The Energy and Resources Institute (TERI) from India, and the consortium includes 7 partners from Europe and 6 partners from India.

The SAHYOG Consortium

- ENEA – Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Italy (EU Coordinator)
- TERI – The Energy and Resources Institute, India (Indian Coordinator)
- ARTI – Appropriate Rural Technology Institute, India, Pune
- CSIR – Council for Scientific & Industrial Research, India
- CSIR – Council for Scientific & Industrial Research – Indian Institute of Chemical Technology (IICT)
- DLR – Deutsches Zentrum für Luft – und Raumfahrt e.V., Germany
- GB Pant University of Agriculture & Technology Pantnagar, India
- Jawaharlal Nehru University, India
- National Technical University of Athens, Greece
- NL Agency – Ministry of Economic Affairs, Agriculture and Innovation, The Netherlands
- Tezpur University, India
- VITO – Vlaamse Instelling voor Technologisch Onderzoek, Belgium
- Wageningen University and Research Centre – Food and Biobased Research / Wageningen International, The Netherlands
- WIP Renewable Energies, Germany

The SAHYOG Coordination

ENEA

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Workshop Objectives

In this workshop activities and findings of the SAHYOG project will be discussed with international stakeholders. Furthermore, project participants from India will present an overview of current research and development initiatives in the field of biomass and bio-waste in India.

Workshop Organisation

WIP Renewable Energies

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Workshop Details

- Conference Venue:* *Bella Center, Room 17, Copenhagen, Denmark*
on the occasion of the 21th European Biomass Conference and Exhibition (EU BC&E) in Copenhagen, Denmark on 3-7 June 2013
- Conference Language:* *English*
- Registration:* <http://www.conference-biomass.com/>
- Project website:* www.sahyog-europa-india.eu



Thursday, 06 June 2013

- 13:30 *Registration*
- 14:00 **Welcome to the Workshop**
RAINER JANSSEN, WIP RENEWABLE ENERGIES, GERMANY
- 14:10 **OFFICIAL OPENING ADDRESS**
JEAN-FRANCOIS DALLEMAND, JOINT RESEARCH CENTRE (JRC), EUROPEAN COMMISSION
- 14:30 **SAHYOG Activities and Results**
NEETA SHARMA, EU COORDINATOR SAHYOG, ENEA, ITALY
- 14:40 **Sustainable Biomass Supply in India**
PRIYANGSHU M SARMA, IN COORDINATOR SAHYOG, TERI, INDIA
- 15:00 **The European Bio-based Economy**
KEES KWANT, NL AGENCY, THE NETHERLANDS
- 15:20 **Case Study: Sweet Sorghum Valorisation in India**
SRINIVAS RAO, ICRISAT, INDIA
- 15:35 **Case Study: Valorization of waste in Biorefineries in Europe**
MICHAEL KOETTNER, IBBK FACHGRUPPE BIOGAS, GERMANY
- 15:50 *Coffee/Tea Break*
- 16:30 **Presentation of the joint SAHYOG Strategic Research Agenda for India and Europe**
NEERA BHALLA SARIN, JAWAHARLAL NEHRU UNIVERSITY, INDIA
LUDO DIELS, VITO, BELGIUM
- 17:00 **Panel Discussion on the SAHYOG Strategic Research Agenda**
MODERATION:
NEERA BHALLA SARIN, JAWAHARLAL NEHRU UNIVERSITY, INDIA
ROBERT BAKKER, WAGENINGEN UR, THE NETHERLANDS
PANNELISTS:
SRINIVAS RAO, ICRISAT, INDIA
KATHY ELST, VITO, BELGIUM
DOMINIK RUTZ, WIP RENEWABLE ENERGIES, GERMANY
REPRESENTATIVE OF INDIA
- 17:50 **Summary**
PRIYANGSHU M SARMA, TERI, INDIA
- 18:00 *End of the workshop*