

Sustainability and Life Cycle Assessment

SAHYOG Twinning

Through facilitating and coordinating project twinning, SAHYOG brings together project coordinators and other lead partners from past and on-going projects as well as international networks in order to consolidate R&D results, exploit synergies and thus build up a critical mass for future EU-India research collaboration in the area of biomass and bio-waste.

Background

The development of the bioeconomy and bioenergy should take place within the boundaries of sustainable development: **People, Planet and Profit**, or in other words: social well-being, good environmental practices and a sound business case.

Research is needed to improve sustainable production and conversion of biomass to a variety of end products such as food, chemicals or energy. The whole chain has to be taken into account and assessment of all social, economic and environmental aspects is required. Today, a wealth of opportunities exists to further improve truly sustainable biomass production in order to contribute to sustainable development worldwide.

Research Themes

The following research themes in the field of sustainability are addressed under SAHYOG twinning:

- Sustainable biobased products without hampering food supply
- Integrated and optimised food and biomass production
- Improving soils and nutrient efficiency
- Improving biodiversity by integrated agricultural planning
- Reducing the ecological footprint
- Integrated social well-being in biofuel production
- Development of sound business cases for the bioeconomy
- Mitigation of climate change impacts
- Decision support by Life Cycle Assessment
- Public acceptance of GMOsustainability

SAHYOG Twinning – How to get involved?

With respect to EU-India twinning, the following activities and procedures are foreseen within SAHYOG:

- Get in contact with SAHYOG partners responsible for twinning (Robert Bakker, Rainer Janssen, Dominik Rutz)
- Sign Letter of Interest on India-EU SAHYOG twinning
- Define your areas of interest for research cooperation
- Cooperation contacts from India/Europe are identified by SAHYOG
- Assistance for twinning activities is provided by SAHYOG
- Participation in SAHYOG twinning workshop is facilitated

India-EU SAHYOG Twinning Activities



Strengthening Networking on Biomass Research and Bio-waste Conversion - Biotechnology for Europe India Integration

Contact for SAHYOG Twinning:

Wageningen UR, The Netherlands
Dr. Robert Bakker
robert.bakker@wur.nl

WIP – Renewable Energies, Germany

Dr. Rainer Janssen
Dominik Rutz
rainer.janssen@wip-munich.de
dominik.rutz@wip-munich.de

Project Coordination:

ENEA, Italy
Dr. Neeta Sharma
neeta.@enea.it

TERI, India
Dr. Priyanshu Manab Sarma
priyanms@teri.res.in

Website: www.sahyog-europa-india.eu



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