

India-EU SAHYOG Twinning Activities

The SAHYOG Project

The main aim of the project SAHYOG is to bring together leading organisations in the field of **biomass production and bio-waste conversion research** carried out within EU research programmes and related programmes by Indian national institutions.

Inventories of biomass and bio-waste potentials and research projects/programs elaborated and analysed within SAHYOG are the basis for the joint **Strategic Research Agenda (SRA)** finally leading to a **Roadmap for policymakers and researchers**.

SAHYOG Twinning

Through facilitating and coordinating project twinning, SAHYOG **brings together project coordinators and other lead partners from past and on-going projects and initiatives 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.

Twinning Activities

The following activities are possible under SAHYOG twinning:

- Research cooperation, exchange of researchers
- Organisation of joint workshops/meetings
- Development of common trainings
- Common literature reviews
- Exchange of tools, analytical methods and databases
- Exchange of data, information, knowledge and material

In addition, within SAHYOG a 2-day twinning workshop will be organized to facilitate and deepen contacts between interested stakeholders.

SAHYOG Twinning – Research Themes

The **priority strategic research themes for twinning** of initiatives from India and Europe activities are:

- Bioethanol production from lignocellulosic biomass
- Thermochemical conversion technologies (pyrolysis, gasification)
- Anaerobic digestion technologies (biogas, biomethane, hydrogen)
- Algae production and conversion systems
- Biomass to chemicals – the biorefinery approach
- Feedstock production and genetic improvement of plants
- Sustainability and life cycle assessment



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

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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.