



Brussels, September 2014

## **EUBIA DESCRIPTION, ACTIVITIES AND SKILL**

### **EUBIA PROFILE**

EUBIA is an international non-profit industry association located in Brussels, Belgium. It groups together market forces, technology providers, and knowledge centres, all of them active in the field of biomass. EUBIA's main objective is to support the European biomass industries at all levels, promoting the use and market uptake of biomass as an energy source, developing innovative bioenergy concepts and projects and fostering international co-operation within the bioenergy field. EUBIA has a strong record in the identification of business opportunities and specific bio-projects with an acceptable return of investment for private investors. The association is a full funding member of the steering committee of the G8-GB partnership and it is actively promoting refined solid biomass residues from the agricultural and forestry sectors. In addition EUBIA is working on the identification of new advanced technology for a more efficient agricultural residues valorisation supply chain strategies and new efficient technologies with attractive trading perspectives on both the small and large scale level. EUBIA has extensive expertise in EU-funded projects, on international cooperation activities and access to a wide network of businesses to outreach to and disseminated project results

### **EUBIA's ROLE IN EUROPEAN COMMISSION CO-FOUNDED PROJECTS**



The European Biomass Industry Association is involved in many European Co-founded projects since 1996. Under the guidance of the Secretary General Giuliano Grassi, who was former Head of the biomass R&D Program of the European Commission until 1994. EUBIA successfully involved on more than 50 EC projects.

Thanks to the flexible background and capacity of its staff, specialized in policy, communication, industrial and environmental engineering, the Association is able to work on several sectors, providing its contribution to to a wide range of activities:

#### **Processes & end products standardization and certification**

- EUBIA is a member of the Global Bioenergy Partnership (GBEP), launched in 2005 by the Gleneagles Plan of Action, which 5 has as invited countries some of the biggest developing economies (Brazil, China, India, Mexico, and South Africa)
- Collaboration with standardization bodies (CEN - ISO)
- Identification of Industry requirements and environmental sustainability limits

#### **Policy Assessment and Social barriers identification**

- Policy makers meeting organization,
- Legal and social barriers identification,
- EU policy framework continuous update and overview
- Proposal for new support measures

#### **Market assessment and competitiveness**

- Techno-economic-environmental assessment studies
- Business plan
- Identification of best business cases and technology configuration
- Market penetration potential evaluation
- End products competitiveness
- Market risk assessment and SWOT Analysis

### Dissemination and Exploitation:

- Official supporter, Advisory committee member of the European Biomass Conference and Organization
- Supporter of European Biosolids and Organic resources conference
- Website production
- Newsletters
- Event and workshop organization (130 seats available conference room)
- Training to SMEs, industries and scientific community

## EUBIA EXPERIENCES IN BIOMASS NEW ADVANCED TECHNOLOGIES



According to the cooperation with investors and industries who are members of the association, EUBIA is often involved in commercial projects as technical consultant on a wide range of new activities, both in Europe and worldwide.

Feasibility studies, research activity cooperation and new consortium has been provided by EUBIA during these years.

Due to the high experience of EUBIA Secretary General and the large technical projects provided, the association matured a strong know how in the following sectors:

- Solid biomass refining (pelletization, torrefaction, etc..).
- Logistics for large scale supply of refined biomass.
- Solid biomass combustion technologies. (Fluidized Bed Combustion, Chemical Looping, Co-firing).
- Thermochemical processes for biomass residues valorization (HTC, Intermediate pyrolysis, Torrefaction, Gasification, Flash pyrolysis).
- Liquid biofuel for transportation (sweet sorghum and sugar cane ethanol, biodiesel from microalgae, Used Cooking Oil and vegetable oil, MicroWaves transesterification, syngas FT reaction).
- Biomass cultivation sustainability and efficient supply chain strategies. (compactation machineries, biofertilizers, biochar application).
- Micro and macro algae. (Market assessment, business plan, sustainability assessment).

## EUBIA ACTIVITY WITH RESEARCH INSTITUTES AND UNIVERSITIES



EUBIA is promoting a new initiative, named EUBREN (European Biomass Research Network). It consists in a selection of Universities and Research centers in all the European countries. The objective is to promote biomass research activity in EU, involving universities and research centres to discuss and cooperate for new projects development.

The final target is to enhance the cooperation between universities and SMEs, in order to launch not only new EC projects, but also new independent initiatives to accelerate the deployment of innovative technologies and activities.

The European Commission last funding programmes demonstrate how the institution is pushing to foster new projects and initiatives where industries merge their efforts with research centres and universities.

Currently, more than 20 universities from 18 EC countries sent their application to join EUBREN. Thanks to the interest of so many institutes, EUBIA is going to launch EUBREN in October 2014. All EUBIA members will be invited to participate to this network, as the involvement of industries and enterprises is crucial for securing the high level of the Network

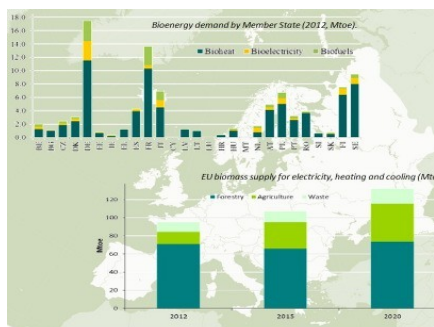
## INITIATIVES AND BENEFITS DEDICATED TO EUBIA MEMBERS

### EC PROJECT PROPOSALS INVOLVEMENT

EUBIA works involving its members in new EC project proposals (H2020, Life+, Interreg). At present, the association is working and writing new proposals where mainly association members are partners, to be submitted in 2015.

EUBIA will contact its members to participate in new project proposals. The involvement of members in European projects' consortium will be secured according to their experiences and past activities in the different biomass sectors. This activity is expected to grow quickly thanks to the European Biomass Research Network. The definition of new industry-universities project proposals will be one of the main targets of the Network

### EU BIOMASS INDUSTRY SECTOR UPDATE



EUBIA policy and communication staff works close to the EC institutions in order to be constantly updated on the latest communications, publications and proposals discussed by policy makers regarding biobased sector in EU. In particular:

EUBIA analyses the EU policy framework in terms of products standardization, legal barriers, sustainability, market incentives and new directives with a relevant impact on the related biobased sectors.

These news are always integrated with an updated overview on market state of the art, facts and figures and future opportunities.

All these information are collected in detailed reports, sent to EUBIA members at least every two months.

### DISSEMINATION OF EUBIA MEMBERS ACTIVITIES, PUBLICATIONS AND EVENTS ORGANIZATION



EUBIA has a simple, continuous and direct dissemination activity, based on the following dissemination tools:

Bimonthly Newsletter to thousands contacts (Relevant news coming from members, events dissemination, EUBIA projects, etc..)

Bimonthly Newsletter dedicated to Members (Document downloads, EUBIA activity report, information, events,..)

Website continuous update and news publication (Members' events, news, event promotion,..)

## OFFICE CONFERENCE ROOM IN BRUSSELS, AVAILABLE FOR MEMBERS



The conference area includes an entrance hall where lunch breaks and posters exhibitions can be organized. In addition, a conference room of 120 seats and two other small rooms for technical meetings are available.

This area is available for members for project meeting organization, workshops, and other events to be organized in Brussels.

All members would just need to inform EUBIA regarding data and details of the event in order to facilitate the organization and reservation of the area.

## EUBIA AND ITS MEMBERS AT EUROPEAN AND INTERNATIONAL CONFERENCES



EUBIA is an official supporter and member of the advisory committee of the European Biomass Conference and Exhibition.

Since 1996, EUBIA participates at the conference presenting new activities, commercial projects, EC projects results and organizing events dedicated to different biomass industry sectors.

In addition, EUBIA always participates with its stand to the conference, hosting members, organizing face to face meetings and preparing new activities.

There are different solutions for EUBIA members to participate and to join the conference:

- Send to EUBIA posters and leaflets to be put at the stand, without any cost, and participate at the exhibition for free.
- Send to EUBIA abstracts for conference submission, in order to be able to submit them without any cost (Argument must be consistent for EUBIA interest) and later decide if to participate to the conference.
- Obtain **20% discount on stand** and **10 - 20% on conference registration** must be agreed with organizers depending on the number of days and presentations.

**In addition, EUBIA is supporter of:**

- European Biosolids and Organic Resources Conference & Exhibition, Manchester, UK
- Africa Energy Indaba, Johannesburg, South Africa

EUBIA agreed discounts for members who want to participate to these conference with stands, presentation or simply attending the events. Furthermore, EUBIA receives invitation to conferences where it is asked to support and disseminate. usually the Association can provide this services if one of its members is interested in participating.