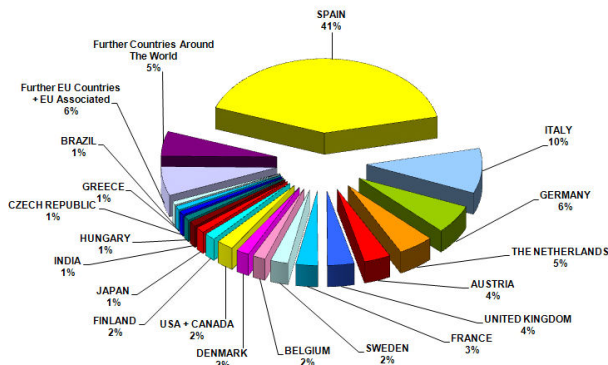


“A new dimension – About the 16th European Biomass Conference & Exhibition”

From 2nd to 6th June 2008, more than 1,500 participants from 72 countries met in Valencia to attend Europe’s largest biomass congress. The speakers of the 16th European Biomass Conference & Exhibition highlighted the new dimension that biomass has reached in the present and future energy supply.

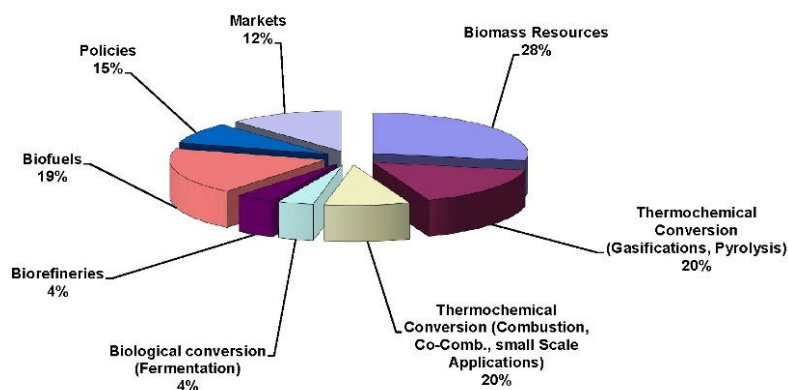
1505 Delegates from 72 Countries



The speakers of the 16th European Biomass Conference and Exhibition highlighted the key role that biomass will play to meet the 2020 targets of the European Commission: In 2020, greenhouse gas emissions should have been reduced by 20 percent compared to 1990 levels. A 20 percent reduction is targeted for the global primary energy use through energy efficiency. While the share of renewable energies in the European Union’s overall mix should rise to 20 percent.

“The use of biomass in combination with other forms of Renewable Energies (RE) has gained a new dimension”, said Professor Jürgen Schmid, Chairman of the 16th European Biomass Conference and Exhibition in Valencia, during the five-day congress. Biomass is one of the few options to provide a substantial part of the “Renewable Sources” share in the near future because it is universal in its use, ranging from heat and power in the stationary sector to biofuels for mobile applications as well as to materials and chemicals . Furthermore, biomass is able to compensate increasing amounts of power fluctuations resulting from wind and solar energy in the generation of electricity.

Number of presentations by Topic



With more than 270 plenary and oral contributions and in addition more than 400 visual presentations the Conference covered new developments and progress in all biomass related topics. Beside of conversion technologies and biofuels one of the major topics were biomass resources, and in particular the competition between food crops and energy crops. This will determine the future development of bioenergy: “Competition of food has to be taken serious and the real potential of biomass has to be estimated over and over again”, Prof. Schmid emphasized.

Standards for growing biomass

Further subjects that were discussed during the biomass conference included the introduction of standards for growing biomass and the need to improve biomass forestry and yields. “More cooperation is needed on an international level to solve urgent issues like land use”, Prof. Schmid claimed. Moreover the awareness about the potential and the impact of biomass should be raised. “We are facing an urgent need to support European networks”, Prof. Schmid pointed out. Continuous support schemes and consistent policies are essential for the future biomass success.

Conference on Biomass in Spain

During the 16th European Biomass Conference and Exhibition, the “Jornada ‘la Biomasa en España’ (Conference on Biomass in Spain)”, organised by IDAE with the support of AVEN, took place on 5th of June. The main aim of the congress was to give an overview of the current situation, as well as of the future biomass tendencies in Spain, considering features like resources, technologies, markets and policies.

This One-Day-Conference, with a total of 409 attendants, was the meeting point for Spanish biomass agents and experts to present and debate the most relevant aspects and the state-of-the-art of biomass in Spain presenting in total 27 papers by experts, research centres, technologists and promoters showing their working criteria and their projects. Reference data to this Spanish conference are attached

About the 16th European Biomass Conference and Exhibition

The 16th European Biomass Conference “From Research to Industry and Markets” took place from 2 to 6 June in the Feria Valencia Convention and Exhibition Centre. It was organised by the Renewable Energy institute ‘ETA-Florence - Renewable Energies’, based in Florence, in collaboration with the Munich-based institute ‘WIP-Renewable Energies’. Both, the Conference and the accompanying Exhibition were supported by the European Commission, the Spanish Ministry of Industry, Tourism and Commerce, the Institute for Energy Diversification and Saving (IDAE), the United Nations Educational, Scientific and Cultural Organisation (UNESCO), the Valencia Agency for Energy, the Regional Government of Valencia, the World Council for Renewable Energy (WCRE), the European Biomass Industry Association (EUBIA), the Sustainable Energy Europe Campaign 2005-2008 and the Community Research and Development Information Service (CORDIS).

The Linneborn Award

Prof. Dr. José Roberto Moreira, Chairman of the Board of the Brazilian Biomass Reference Centre, was honoured with the **Linneborn Prize** during the Opening Session of the 16th

European Biomass Conference and Exhibition for his outstanding contributions to the development of energy from biomass.

The EUBIA Award

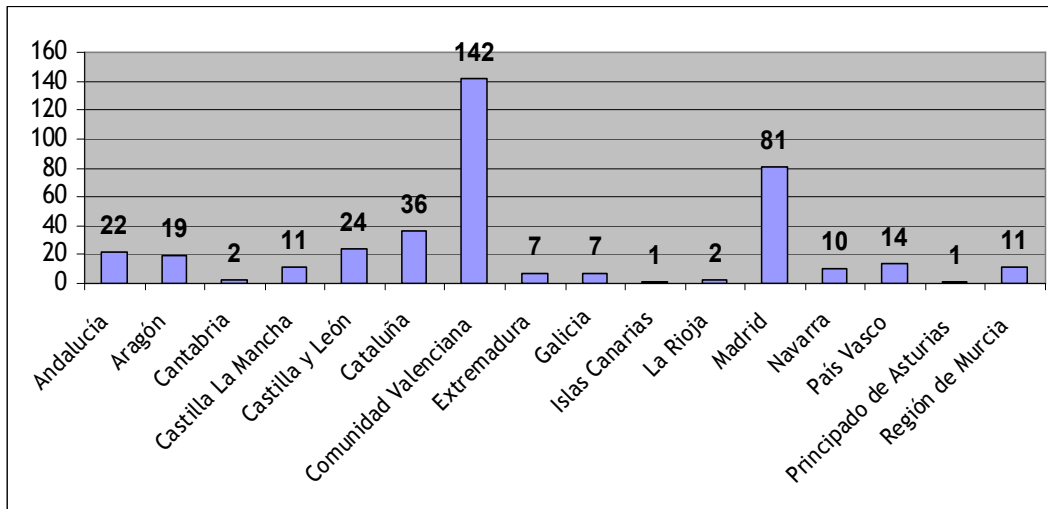
During the Closing Session on Friday, 6th June, the **European Biomass Industry Association Award 2008** was given to Global Green (EU), Portugal, for its outstanding contribution to the development of the biomass energy sector and its market.

Awards for visual presentations

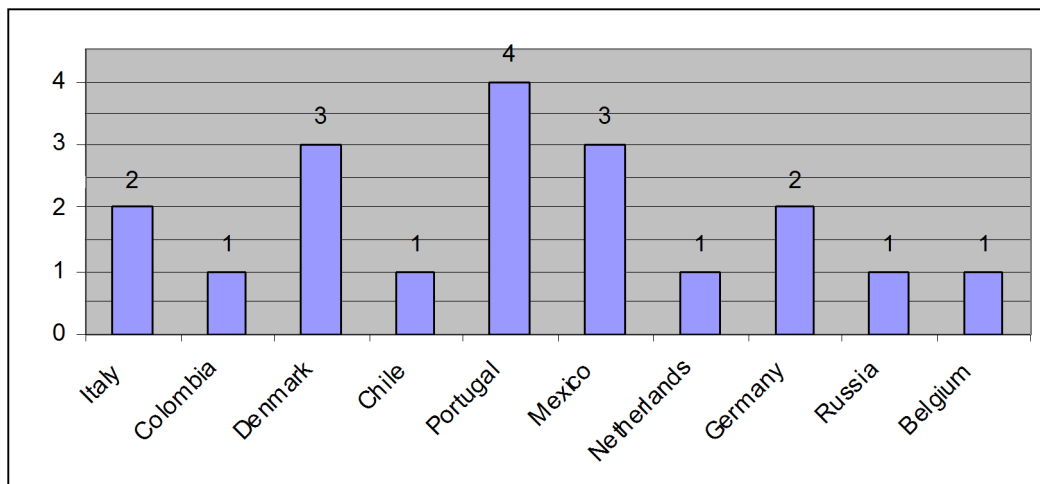
In addition to the plenary and oral contributions an essential part of the European Biomass Conference have been the 'Visual Presentations' or 'Poster Sessions'. The most outstanding presentations were selected by a Committee and awards have been attributed. The following authors and their presentation were awarded:

- Topic “Biomass Resources”: M. van Eckert for his contribution “Potential of Sustainable Biomass Production in Developing Countries”.
- Topic “Thermochemical conversion – Gasification/Pyrolysis”: M. Huber, F. Koidl, G. Kreutner, A. Giovannini, M. Kleinhapfl, C. Roschitz, H. Hofbauer, F. Gruber, J. Krueger for their work on “Multi-staged Gasification Systems. A New Approach”.
- Topic “Thermochemical conversion – Combustion”: T. Florea, S. Caillat, B. Baudoin, B. Taupin for their work “Numerical Modelling of Gas Phase Wood Combustion in a Traveling Grate Furnace”.
- Topic “Biological conversion/Biorefineries”: G. Marcotullio, H.J. Heidweiller, W. De Jong for their work “Reaction Kinetic Assessment for Selective Production of Furfural from C-5 Sugars Contained in Biomass”.
- Topic “Biofuels”: M. Schubert, J. W. Regler, M. Brandenberger, C. Ludwig, F. Vogel, for their work “Catalytic Hydrothermal Gasification of Wet Biomass and Organic Wastes to Synthetic Natural Gas – Salt Separation as a Crucial Step in a Continuously Operated Plant”.
- Topic “Liquid biofuels”: M. A. González Salazar, E. Leal Tirado, for their work “Technical and Environmental Analysis of Co-production of Bio-diesel and Electricity from Coconut”.
- Topic “Market”: C.R.P. Belchior, P.P. Pereira, for their work “The Use of Biodiesel in Railroad Locomotives”.
- Topic “Policies”: H. J. Croezen, S. F. H. de Boer, for their work “Jatropha: a Sustainable and Affordable Bio-energy Source?”.

**Figure 1 of the One-Day “Conference on Biomass in Spain”
- Distribution by Autonomous Communities -**



**Figure 2 of the One-Day “Conference on Biomass in Spain”
Non-Spanish participants - Distribution by countries-**



**Figure 3 of the One-Day “Conference on Biomass in Spain”
- Distribution by sector of activity -**

