

Bioenergy: Challenges and Opportunities

International Conference and Exhibition on Bioenergy

April 6th / 9th 2008

Universidade do Minho, Guimarães, Portugal

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REDE DE COMPETÊNCIA PARA A BIOENERGIA

Topics

The conference is organized, but not restricted, to the following topics:

- Bioenergy Resources: forest, crops, algae, organic residues
- Fuel production: logistics (supply, storage) and technologies
- Bioenergy Markets: trends, certification, taxing, financing, emerging markets
- Thermochemical conversion technologies
- Solid Conversion of Biomass; pellets
- Biorefineries: heat, power, liquid and solid fuels, other products
- Biofuels for transports
- Combustion; co firing; retrofitting
- CHP: in industry and small scale facilities
- Carbon Markets and environmental issues (life cycle analysis, CO₂)
- Biogas and Biohydrogen
- Novel Biocatalysts

Contact

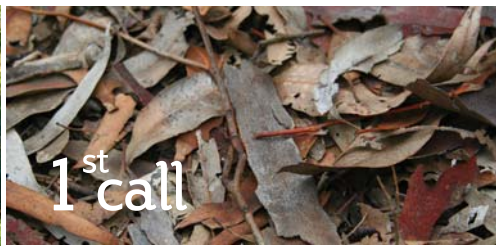
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Background

The development of renewable energy is a major driving policy in Europe in its quest for sustainable growth, energy security and the quality of life of its citizens. The decision by the European Council to set a 20% binding target for renewables by 2020, including a 10% mandatory level of biofuels, is a clear indication of the energy policy in the forthcoming decades.

Bioenergy will play a crucial role in fulfilling these objectives in heating for domestic and industrial applications, power generation and, crucially, in transportation fuels. New raw materials, processing techniques, fuel conversion, logistics, sustainability of resources, competition with other applications of resources, certification and economic competitiveness are some of the key issues that must be addressed.

The Bioenergy: Challenges and Opportunities Conference provides an excellent opportunity for the research community, representatives from industry, environmental groups and government bodies to present and discuss critical issues and opportunities facing the supply and use Bioenergy.



Scope and content

This event, the first of its kind in Portugal, aims to bring the scientific and industrial community into a single comprehensive forum dedicated to Bioenergy. The event will address at the various levels the state of the art in Bioenergy science and technology by combining **Technical Sessions** including plenary sessions by invited speakers with a **Technical Exhibition** and a match making **Brokerage Event**.



Venue

The conference will be held at the Universidade do Minho in Guimarães, an attractive town in the north of Portugal. Its history is linked with birth of the Portuguese nation, as Guimarães was the first capital of Portugal. Today it still maintains most of its heritage including the Historic Center. Following a comprehensive rehabilitation, the town was awarded the status of World Heritage of Humankind by UNESCO in 2001.



Call for papers

Authors are required to submit a camera ready abstract. This should not exceed 400 words, including references. Illustrations and tables can be included. Full details for submission can be found on the web site. Authors must use the template on the web (www.cebio.net/bioenergy_challenges_2008). Contributions should be uploaded as camera ready manuscripts (in pdf format). The conference proceedings will be published.



Important dates

Final date for abstract submission: **extended deadline: November, 30th 2007**
Notification of Authors: December, 31th 2007
Final date for full paper submission: February, 29th 2008

Language

English is the official language of the Conference.

Fees

The Conference fee is 450.00 €. Presenting authors have a reduced rate of 300.00 € and that for students is 150.00 €

