

Information ...

... for your visit

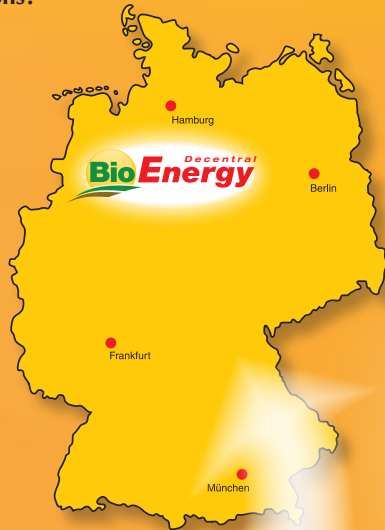
Have you any further questions?
If so, please contact our
Visitor Service Team at:

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BioEnergy Decentral
13 to 16 November 2012
Exhibition Grounds
Hanover, Germany

Opening hours:
Daily from
9.00 to 18.00 h

For the latest information go to
www.bioenergy-decentral.com



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BED 2012 / English / 0211

Exhibition Grounds Hanover / Germany
13 – 16 November 2012

English



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EuroTier

Bioenergy and decentral energy supply ...

“Decentral energy supply” – market of the future

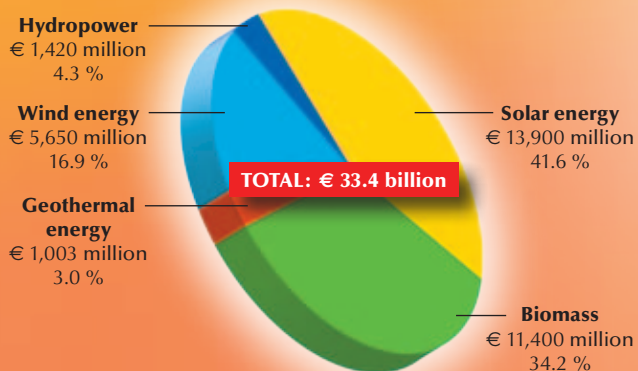
The demand for energy is increasing worldwide. At the same time politicians and the general public join in demanding that the energy industry focus on conserving natural resources and sustainable climate protection. As a result, resource-conserving and efficient energy production and distribution are gaining steadily in importance. In particular the upgrading of decentral supply grids for efficient use of both bioenergy and conventional sources of energy offers hitherto untapped potential.

The key to energy supply for the future lies in exploiting the cogeneration of heat and electricity (combined heat and power generation). This can be done with every fuel and every source of energy, from fossil to renewable. In this way energy can be generated sustainably and efficiently and be made available near consumers:

- within the framework of decentral supply concepts, especially operated by local authorities and industry,
- in an intelligent mix of the available sources of energy in which renewable energies – and here in particular bioenergy – play an ever greater role.

The power industry, agriculture and forest management together with plant construction engineers are the ideal partners in relevant business models.

Total turnover renewable energies 2009 in Germany



Source: BMU/AGEE-Stat, 2010

... Technologies and concepts for the future!

The world's meeting place for decentral energy supply

Bioenergy and other renewable energies have large areas of technological overlap with the field of fossil decentral energy and thermal engineering. In the medium term bioenergy will become the integral constituent of the decentral energy market, with the boundaries between renewable and fossil sources of energy merging ever more.

The success of BioEnergy Decentral 2010 with over 550 exhibitors on an exhibition floor space of almost 30,000 m² and more than 42,600 expert visitors (including 16% international experts) shows that the exhibition is reaching out to the young and aspiring energy market. It has thus established itself as the international platform for decentral energy supply in Europe and brings producers and users together:

- Agriculture and forest management
- Public utilities
- Local authorities and municipalities
- Energy supply companies
- Industry
- Plant engineering and components
- Energy service providers
- Solid waste management
- Private and institutional investors
- Financial service providers
- Science & research
- Advisory services and consultants
- Maintenance and service companies

BioEnergy Decentral 2010:

- Over 550 exhibitors from 20 countries
- More than 42,600 expert visitors (16% from outside Germany)
- 30,000 m² exhibition floor space



A top class ...

... exhibition programme

"Bioenergy" – market of the future

The bioenergy sector has become distinctly more professional in recent years and is developing into a long-term supporting pillar of energy supply. As the bioenergy substrate is only produced locally, it makes sense to use this energy chiefly in decentral systems.

Sales of bioenergy in Germany alone topped Euro 11.4 billion in the year 2009 and the sector provides almost 110,000 jobs. These are ideal prospects for renewable energy sources!

The amended Renewable Energy Act (known in Germany as EEG) and the latest technological progress have had a positive and invigorating effect on the bioenergy market. This offers interesting opportunities for investors from a wide range of backgrounds. The bandwidth extends from agriculture and forest management, through private and financial investors, right up to energy supply companies, industry, local authorities and municipalities.



Comprehensive range of products and services for interested visitors and decision makers

The DLG as organiser of the world's leading agricultural exhibitions and VDMA Power Systems (German Engineering Federation) as federation of the manufacturers and builders of power stations and equipment are pooling their exhibition and industry know-how in BioEnergy Decentral. This makes it uniquely possible to cover the entire breadth of the bioenergy and decentral energy supply field.

The exhibition programme comprises:

- **Production of biogas**
Selection of energy plants, conditioning, fermentation, gas cleaning, gas feed-in
- **Production of solid biofuels**
Split wood, wood chips, pellets
- **Production of liquid biofuels**
Pressing, esterification
- **Use of biogas, solid biofuels, liquid biofuels and conventional sources of energy**
Electricity production, firing technology, co-generation of heat and electricity, machinery and equipment for heating/refrigeration
- **Renewable energies within the framework of decentralised energy supply**
Electricity, heat and gas distribution systems, process-control systems, measuring equipment and instrumentation, remote supervision, virtual grids
- **Ventilation, waste air and waste gas cleaning**
- **Recycling and waste disposal systems**
- **Safety engineering**
- **Instrumentation and controls**
- **Energy supply companies**
- **Raw materials trading**
- **Services**

Technical programme ...

Forums, Advisory Centers, Talks

The comprehensive BioEnergy Decentral exhibition is complemented by a rich and varied technical programme covering topical themes. A number of Forums (discussion panels) and Specials (demonstrations of topical subjects) offer visitors new perspectives on the relevant thematic areas. They also explain underlying connections between aspects, and not least they provide helpful contacts that can assist in solving your own specific questions and problems.

- **Forums** on a range of current issues point the way to solving difficulties and provide sound information on concepts, trends and techniques. There will also be simultaneous English/German interpreting for selected discussion panels.
- **Specials** on separate showcase areas present practice-driven demonstrations, providing insights into processes and cycles and stimulating ideas for your own operational activities.
- At an **Advisory Center** there will be opportunities for neutral and individual talks on all matters relating to bioenergy and decentral energy supply.
- **Excursions** to decentral supply facilities or bioenergy/biogas plants in the vicinity of Hanover provide an insight into the workings of a plant or supply system and provide opportunities for direct talks with the operators.

... corresponding to your needs and interests

Partners in excellence, such as VDMA Power Systems (German Engineering Federation), VKU (Association of Local Utilities), BBE (German Bioenergy Association), Fachverband Biogas e.V. (German Biogas Association) and BFL (an organisation devoted to promoting agricultural building construction and optimising livestock management conditions), all pool their expertise with the organiser's know-how to provide target-oriented and forward-looking input.

