

"renewables made in Germany" Newsletter December 2007

Dear Madame, Dear Sir,

Thank you for your interest in German renewable energy technologies and welcome to the seventh "renewables made in Germany" newsletter from the Deutsche Energie-Agentur GmbH (dena) – the German Energy Agency. Today's issue features articles on the following topics:

- Current developments in the field of renewable energy around the world
- Interesting projects and applications in renewable energy
- State-of-the-art German technologies and services for using renewable energy sources
- Opportunities and events in the field of RE

We hope you enjoy reading this issue.

The Renewable Energy Division of dena.

If you would like to recommend this newsletter to someone else please feel free to send him the following link: <http://www.renewables-made-in-germany.com/en/newsletter>.

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1. UN climate change conference in Bali establishes major reductions in emissions

At the world climate conference in Bali, the environmental ministers of the UN member states have agreed on a mandate for negotiating a new climate protection agreement. The new agreement should be adopted in 2009 so it can enter into effect in 2013, after expiry of the first phase of the Kyoto Protocol. In the Kyoto Protocol, the industrialised signatory states agreed to reduce their greenhouse gas emissions by an average of 5.2% below the 1990 level, during the period from 2008 to 2012. Significant emission reductions are necessary after 2013 to keep greenhouse gas concentrations at a safe level in line with the Framework Convention on Climate Change. This is why the European Union supported an ambitious follow-up treaty in Bali, which commits the industrialised nations to greenhouse gas reductions of between 25% and 40% on the 1990 level by 2020. A footnote in the Bali final report now refers to this reduction target.

The conference in Bali agreed on a number of building blocks for further negotiations. A future world climate protection agreement should also include greenhouse gas emissions that result from the deforestation of tropical rainforests. In addition, a fund to help poorer countries adapt to the consequences of climate change was agreed to, and a solution was found for transfer of climate-friendly technologies to developing countries.

The energy and environment ministers of the 20 largest energy consumer nations had already discussed the reorganisation of energy systems in the run-up to the Bali conference in Berlin, at the invitation of the German G8 presidency. Strategies for improving technological cooperation between industrialised and developing countries were the main focus of the so called "Gleneagles Dialogue" meeting in Berlin.

Germany wants to lead by example. In August, the German Federal Cabinet adopted a climate protection programme comprising 29 measures. Among the aims is to increase the proportion of electricity from renewable sources to 25% - 30% by 2020 and raise the proportion of renewable energy used for heat generation to 14%. By that time, electricity from combined heat and power plants should cover at least a quarter of the total demand.

2. German Federal Government adopts climate protection programme

At the beginning of December, the German Federal Cabinet resolved a comprehensive package of measures intended to reinforce Germany's leading role in the area of climate protection. The Federal Government plans to allocate a total of 3.3 billion euros for climate protection measures in 2008. This represents a 200% increase on 2005.

The package, which consists of 14 laws and regulations as well as seven further measures, will move Germany closer to its goal of a 40% reduction on the 1990 carbon dioxide emissions level, to be achieved by 2020. According to the Federal Ministry for the environment 37% can be achieved. The measures are aimed at increasing energy efficiency and decreasing energy related GHG emissions by means of innovative technologies in all three sectors – electricity, heat and mobility.

The revised Combined Heat and Power Generation Act is designed to raise the proportion of electricity generated in combined heat and power plants from a current 12% to 25% by 2020. A new Federal Immission Control Ordinance will specify ambitious standards for nitrogen oxide emissions from new power plants. The amended Renewable Energy Sources Act and a new Renewable Heat Act will be incorporated into the climate protection programme to increase the proportion of renewable energy – from the current 13% to 25% - 30% in the electricity sector, and from currently 6% to 14% in the heat sector.

The amendment of the Gas Network Access Ordinance should ensure that greater volumes of biogas can be fed into the natural gas network. The German Federal Government considers a proportion of 10% to be possible by 2030. Thus biogas will be widely available and it will no longer have to be consumed right at the production site.

To reduce the level of emissions produced in road traffic, the Federal Government wants to increase the proportion of biofuels to approximately 20% of the total volume. In addition, from May 2008 motor vehicle tax will be based on the vehicle's emissions instead of engine capacity, which has been the case until now.

In order to reduce the energy consumption of buildings, the Federal Government plans to raise the requirements of the Energy Savings Act by an average of 30% from 2009.

The German Minister for the Environment Gabriel expects the integrated energy and climate programme to not only improve climate protection but also to have a positive effect on the labour market. For example, the building trade will profit from the extension of the subsidy programmes for building refurbishment.

3. Offshore wind energy is gathering pace

In September 2007 the German Federal Ministry for the Environment launched a €50 million wind energy research programme in the offshore test field 45 kilometres from the Island of Borkum located off the German coast in the North Sea. Twelve wind turbines of the 5 MW class will be installed there. The aim of the research programme is to prove the offshore capability of the turbines and refine them. In the process, the possible effects of offshore wind power generation on nature and the environment will be determined and mitigation options as well as cost reduction options will be identified. The experiences gained from the

test field will also benefit other offshore projects off the coasts of the German North Sea and Baltic Sea. The objective of the research funding from the Federal Ministry for the Environment is the consolidation of the German industry's leading position in the world in the renewable energy sector. It is supporting a German consortium currently developing the foundation structures for offshore wind turbines, because offshore wind energy is seen as a promising future area for electricity generation.

Germany will take a major first step towards the commercial exploitation of wind energy at sea in two years. In May 2009 the WPD planning and operating company will start construction work on the first of a total of 21 turbines for the "Baltic 1" wind farm, 13 kilometres north of the Darß peninsula in the Baltic Sea. The Alpha Ventus test field near the North Sea island of Borkum, with twelve 5 Megawatt turbines, represents another important project for offshore development in Germany. In 2008 these should be connected to the electricity grid via a 60 kilometre cable. This was announced by the consortium at the European Offshore Wind Energy Conference. At this event, held in Berlin from 4 to 6 December, some 2000 participants discussed how the enormous development potential of offshore wind energy can be exploited.

4. California becomes a boom market for solar technology

Experts anticipate strong growth in the solar technology sector in California. Their assumption is chiefly based on the California Solar Initiative which was adopted in the previous year. This envisages the construction of one million solar roofs, with a total output of three gigawatts, within the next ten years. In contrast to European countries, the government is not promoting photovoltaics with feed-in tariffs, rather with investment grants and tax incentives. Through "net metering", the electricity fed into the grid is credited at market price to the system operator's electricity bill.

Together with 18 other western Federal States, California has also set a target of increasing installed output of solar thermal power plants to four Gigawatts by 2010. There are already 34 enquiries from planners for the Southern California desert alone. Finally, the Californian government recently adopted a support programme for solar water heating systems. The expertise of German companies makes them one of the most important supply industries to benefit from the California boom.

5. Generating electricity from dung

Electricity and heat can be generated from biogas. Biogas on the other hand is generated through the decomposition of organic material. In an airtight (anaerob) multi-stage process, the micro organisms ferment high-molecular material such as slurry or plant parts into low-molecular components, which is finally transformed into a combustible gas mixture of methane and carbon dioxide. Motors can burn the generated biogas and thereby drive an electricity generator. The heat from the motor and exhaust gas can also be used.

Until now usually waste materials from agriculture were used to generate biogas. The majority of biogas plants in Germany are therefore in the agricultural sector. With the 2004 amendment of the Renewable Energy Sources Act, the Federal Government introduced a bonus payment for the utilisation of energy crops. This has made the targeted cultivation of energy crops more interesting from a financial point of view. Thus, for example, the world's largest biogas plant in Krackow, Mecklenburg Western-Pomerania near to the Polish border and 150 kilometres north east of Berlin, is fed with maize delivered by farmers from Poland, and the two German states Brandenburg and Western-Pomerania. The power station park, made up of 40 independent biogas plants, has a total output of 20 Megawatts, which is many times greater than the average biogas plant of several hundred kilowatts. There are currently 3,700 biogas plants producing environmentally friendly electricity in Germany, with a total output of 1,270 Megawatts.

6. renewables made in Germany - products and services

German renewable energy technologies have an excellent reputation both at home and abroad. Many years of experience and countless references around the world make "renewables made in Germany" a reliable source to meet your project needs. www.renewables-made-in-germany.com provides information about German renewable energy industries, companies and products. In the following you will find an excerpt from the website with several representatives from the industry:

INDUSTRY: WINDENERGY
Provider: ABO Wind
Profile: projects, services

Description: ABO Wind is one of the most successful planners of international wind energy projects. Seventy employees in Argentina, Belgium, Germany, France, the UK, Ireland, Spain and Portugal design and build turnkey wind farms and biogas plants with a yearly volume of approx. EUR 80 million.

INDUSTRY: PHOTOVOLTAICS

Provider: Sunset Energietechnik GmbH

Profile: manufacturer, wholesaler and system integrator

Description: SUNSET, with its head office in Adelsdorf near Erlangen in northern Bavaria, was founded in 1979. Since then, SUNSET has pursued this goal consistently and with success. Through its pioneering work SUNSET has helped solar energy be recognised as a genuine alternative to conventional forms of energy.

INDUSTRY: SOLAR THERMAL

Provider: Aeroline Tube Systems Baumann GmbH

Profile: heat insulated piping systems for solar and heating technology

Description: Since the founding of Baumann GmbH in 1996, the company has been concerned with the manufacture and sale of AEROLINE® heat insulated piping systems for solar and heating technology of copper and stainless steel corrugated pipe.

INDUSTRY: HYDROPOWER

Provider: Voith Siemens Hydro Power Generation GmbH & Co. KG

Profile: hydroelectric power plants

Description: Voith Siemens Hydro Power Generation has installed over 40,000 turbines and generators with a total worldwide capacity of more than 300,000 MW – that is one third of the hydropower installed worldwide.

INDUSTRY: GEOTHERMAL

Provider: Erdwerk GmbH

Profile: consultancy services

Description: As an independent planning office, Erdwerk GmbH offers hydrogeological and boring-related consultancy services for developing and implementing geothermal energy projects.

INDUSTRY: BIOENERGY

Provider: PlanET Biogastechnik GmbH

Profile: biogas power plants

Description: PlanET Biogastechnik GmbH is one of the world's leading biogas plant constructors. More than 130 staff are currently employed at the company's headquarters in Germany.

7. International networking exchange for renewable energy technologies

Are you looking for information about German renewable energy technologies? At the online forum of "renewables made in Germany", German companies and institutions will answer all of your questions. In addition, you can make interesting contacts and find valuable partners for your project ideas. We look forward to you visiting us at www.renewables-forum.com

8. dena's EU-27 Photovoltaic Subsidy Overview

dena's EU-27 Photovoltaic Subsidy Overview provides you with a compact table of existing photovoltaic incentive programmes with details of content and regulatory frameworks. Important contacts, both in a general overview and for each of the EU Member States individually complete the overview.

The 27 European Union Member States support the development of photovoltaics in a variety of ways. In addition to the various support schemes for electricity generated with photovoltaics, each country has its own promotional measures, often both at a national and a regional level. Due to the wide range of promotional measures available and the large number of countries involved, research regarding current regulatory frameworks and subsidy mechanisms for your international activities and updating the information on a regular basis can require considerable investment in terms of both time and money.

The Deutsche Energie-Agentur GmbH (dena) - the German Energy Agency - has therefore created a database that gives you access to information on the respective market framework and support schemes in each of the 27 member states. This will drastically reduce your investment in research. dena's EU27

Photovoltaic Subsidy Overview provides you with a compact table of existing photovoltaic grant programmes and details of content, regulatory frameworks and important contacts, both in a general overview and for each of the Member States individually. dena's EU27 Photovoltaic Subsidy Overview is updated on a continuous basis.

More information: www.dena.de/en/topics/thema-reg/publications/publikation/compact-table-of-existing-photovoltaic-incentive-programmes/

9. Multilingual publications provide information on solar technology

The dena handbook "Photovoltaics for Professionals" is designed as an introductory guide and a training manual for installation engineers and technicians. The first part of this reference work provides arguments for when talking to customers. In the second part, engineers learn the most important facts for selecting suitable materials and products. The handbook has been published in German, English, French, Italian and Spanish.

Furthermore, dena has had the German standard work "Langzeiterfahrung Solarthermie" (Longterm Experience with Solar Thermal Systems) translated and adapted for the target markets of France, Italy, Spain and Turkey. This book offers planners and installers a well-grounded overview and concrete assistance for planning and building solar power systems.

Orders / more information: renewables@dena.de

10. BAP DRIVER – Leveraging the development of national biomass strategies and action plans

In October 2007 the ALTENER project BAP DRIVER was launched. Its aim is to support the development of national biomass action plans (nBAPs). Against the background of ambitious RES goals set by the Commission even countries with advanced biomass strategies will need to adapt them to the new requirements. Simultaneously, nBAPs can help overcome market barriers by changing political frameworks for the support of bioenergy.

Coordinated by the German Energy Agency (dena), ten energy agencies and institutions from eight EU Member States joining the project. The first step is the design of a best practice report and an operational guideline for the development of balanced national biomass strategies and action plans.

Contact:

Michael Herr; German Energy Agency
Phone: +49(0)30-726 165-696; E-Mail: herr@dena.de

11. How more electricity from renewable energy sources can be fed into the grid

The liberalisation of the electricity markets, the growth in electricity trading, the need to build new power plants and the increased use of renewable energy sources, particularly wind energy – subject to the fickleness of weather-, have resulted in new strains on the operation and design of the electricity grid. A study published in 2005 by the German Energy Agency (dena) analysed what the effects would be if the proportion of renewable energy reached 20% by 2015. It demonstrated that cost-effective integration of wind energy with moderate expansion of the grid is possible.

A second study of the grid, is now developing a long-term outlook for the integration of renewable energy sources, and wind energy in particular. This time dena expanded the scope of the study to a 30% proportion of renewable energy for the period 2020/25. This relatively long term view is necessary because innovative technical solutions for optimal integration are needed and energy economic and energy policy decisions will have a bearing in the medium and long term. In this context, the German Federal Government is aiming to expand the volume of offshore wind energy to 20 gigawatts. The results are expected at the end of 2009.

You will find an English language information page on the Grid Study II on the web at www.offshore-wind.de/page/index.php?id=9582&L=1.

12. The German Federal Ministry of Economics and Technology takes "renewable energy technologies" abroad

An opportunity to make contact with German companies in the renewable energy technology sector is to attend the trade fairs organised by the Federal Ministry of Economics and Technology. Come along to the German community stand and talk directly to German companies and receive information about the latest technologies.

Date	Location	Fair
2008-01-21 – 2008-01-23	Abu Dhabi, United Arab Emirates	WFES - World Future Energy Summit
2008-02-13 – 2008-02-16	Orlando, USA	International Builders' Show/next Build
2008-03-04 – 2008-03-06	Washington, USA	WIREC
2008-04-07 – 2008-04-10	Sofia, Bulgaria	International Exhibition on Energy Efficiency and Renewable Energy Sources
2008-04-16 – 2008-04-19	Nürnberg, Germany	IFH/INTHERM
2008-05-13 – 2008-05-16	Celje, Slovenia	ENERGETIKA & our HOME – International Fair von Energy
2008-05-21 – 2008-05-23	Daegu, South Korea	Green Energy Expo – New & Renewable Energy – Environment – Friendly Energy
2008-06-04 – 2008-06-07	Bangkok, Thailand	Renewable Energy Asia – International Renewable Energy Technology Exhibition and Conference
2008-06-19 – 2008-06-21	Paris	Renewable Energy Exhibition
2008-07-15 – 2008-07-17	San Francisco, USA	Intersolar North America
2008-08-21 – 2008-08-23	New Delhi, India	Renewable Energy India - International Exhibition & Conference
2008-09-24 – 2008-09-2	Zaragoza ,Spain	Power Expo
2008-10-13 – 2008-10-17	San Diego, USA	Solar Power
2008-10-17 – 2008-10-20	Beijing, China	BIESEP – Beijing International Energy Saving and Environmental Protection Exhibition
2008-10-28 – 2008-10-30	Shanghai, China	Wind Power Shanghai - Conference & Exhibition
2008-10-29 – 2008-11-01	Bento Gonçalves, Brasil	FIEMA BRASIL - International Ecological and Environmental Fair

13. Get in touch - "renewables made in Germany" business trips

Are you looking for contacts to experienced German companies in the renewable energy sector or more information about renewable energy technology from Germany?

If so, the German Chambers of Commerce (AHK) in your country may be able to help you. As part of the "renewables made in Germany" programme, delegations of German business representatives from the renewable energy sector travel to all parts of the world to showcase their expertise and products and to explore possibilities for future cooperation.

Each event includes a one-day seminar where you receive information about current developments in renewable energy technology and the products of the Germany companies that are represented. If you want to get in touch with individual companies then the German Chamber of Commerce Abroad in your country can act as a liaison.

The following table shows all the dates and countries that are part of the trade mission for 2007. If you are interested in attending one of these events or require more information, please contact the relevant German Chamber of Commerce Abroad: www.ahk.de

For more information: renewables@dena.de

Preview: "renewables made in Germany" business trips / First half of 2008

Target Market	Location	Period	Seminar/Presentation	Technology
Argentina	Buenos Aires	2008-06-02 – 2008-06-06	2008-06-03	Biomass, solarenergy
Austria	Vienna	2008-05-28 – 2008-05-30	2008-05-28	All technologies
Canada	Toronto	2008-04-07 – 2008-04-13	2008-04-07	Solarenergy
Central America	Guatemala City	2008-04-07 – 2008-04-11	2008-04-08	All technologies
China (Guangdong)	Guangzhou	2008-03-31 – 2008-04-04	2008-04-01	Solarenergy
China (Peking)	Peking	2008-06-09 – 2008-06-13	2008-06-10	Bioenergy in forestry
France	Paris	2008-03-31 – 2008-04-02	2008-04-01	Biofuels
Great Britain	London	2008-05-19 – 2008-05-21	2008-05-20	Biomass
Hungary	Budapest	2008-04-14 – 2008-04-16	2008-04-14	Bioenergy
Italy	Gonzaga/Mantova	2008-03-31 – 2008-04-04	2008-04-02	Bioenergy
Morocco	Casablanca	2008-05-05 – 2008-05-07	2008-05-06	Windenergy, biogas, solarthermal energy
Netherlands	the Hague	2008-04-16 – 2008-04-17	2008-04-16	Biomass

Target Market	Location	Period	Seminar/Presentation	Technology
New Zealand	Auckland	2008-02-25 – 2008-02-29	2008-02-28	All technologies
Norway	Oslo	2008-03-03 – 2008-03-05	2008-03-03	Windenergy
Slovenia	Ljubljana	2008-04-14 – 2008-04-16	2008-04-15	Geothermal energy, solarenergy, biogas
South Korea	Seoul	2008-05-13 – 2008-05-16	2008-05-15	Solarenergy, windenergy
Spain	Madrid	2008-05-27 – 2008-05-29	2008-05-27	Bioenergy
Tunis	Tunis	2008-06-16 – 2008-06-18	2008-06-17	Solarenergy in tourism
United Arab Emirates	Abu Dhabi	2008-02-25 – 2008-02-28	2008-02-25	Solarenergy
USA (California)	San Francisco	2008-05-26 – 2008-05-30	2008-05-27	Photovoltaics
USA (New York)	n.n.	2008-06-23 – 2008-06-27	2008-06-24	Bioenergy

14. Technology Exhibition informs about renewable energy technologies

The "renewables made in Germany" technology exhibition provides information about the application, options and advantages of renewable energy sources. With the help of 26 large panels containing diagrams and text for each aspect of renewable energy, this exhibition provides concise information in three languages, English, Spanish and Arabic. This exhibition has already been displayed at key conferences, events and trade fairs in over 85 countries around the world.

The French-language technology exhibition on "renewables made in Germany" toured almost a year for the first time on the African continent and stationed in nine French-speaking African countries.

The English version of the exhibition will be shown during January 2008 in Trinidad & Tobago, St. Lucia, and Barbados.

The Arabic Exhibition will soon start its Tour through North Africa and the Middle East.

If you are interested in hosting the exhibit please send an e-mail to renewables@dena.de

15. German-Danish climate protection alliance as part of New Energy 2008

The second New Energy trade fair will be held in Husum from 13 to 16 March 2008. The trade fair has become a central platform for the use of renewable energy. In addition to the use of renewable energy, the subject of energy efficiency is also dealt with as an area of resource conservation and CO2 reduction, particularly in combination with renewable energy generation. The German-Danish cooperation in the framework of the North German trade fair offers a variety of opportunities for strengthening the contacts between the two neighbouring countries and discussing current developments. Several Danish companies are expected to exhibit at New Energy 2008. The Danish regions that are converting their energy supply to renewable energy will exhibit in the congress programme; Ærø Island, with one of the largest solar power plants in the world, will be among the exhibitors.

Even today 15% of Denmark's total primary energy consumption is covered by regenerative energy and 20% of Danish electricity demand is covered by wind energy. The Danish potential, particularly in wind energy and biomass, is correspondingly high. In 2009 Denmark is the host nation for the UN Climate Conference, at which the Kyoto follow-up agreement is to be negotiated. In March 2007 Prime Minister Anders Fogh Rasmussen announced: "In the long term Denmark should become independent of fossil energy sources. To achieve this goal we must continue to develop renewable energy sources."

Additional information: www.new-energy.de

16. dena welcomes international delegations

Climate protection, secure energy supply – these topics dominate the international political agenda. Renewable energy is therefore increasingly perceived as the most important building block in a sustainable energy policy. In order to promote this process with know-how transfer, Germany is supporting numerous activities abroad under the label "renewables made in Germany". The interest in renewables as a German success story is also made clear by the numerous delegations that visit Germany to study this subject area. The German Energy Agency (dena) regularly hosts international delegations from abroad that visit Germany to gather on-site information on the status of renewable energy technologies.

15 high-ranking governmental delegations visited dena in the last half-year alone. For example the Norwegian Energy Minister Åslaug Haga, the Chilean Energy Minister, Marcelo Tokman Ramos, the Afghan Deputy Minister for Water and Energy, Mr Mohammad Akbar Barekzai, the Palestinian Minister of National Economy, H.E. Mohammed Kamal Hasounah, the Macedonian Secretary of State for Transport, Mr Saso Srcev, as well as the President of Benin's official advisor on energy, Mr Godefroy Chekete, have all gained information on the current funding conditions and market development of renewables in Germany.

Besides official representatives from all parts of the world, company representatives from foreign countries are also taking the opportunity to find out about cooperation possibilities in Germany.

The first delegations are already planned for 2008 and more enquiries are currently being dealt with.

17. Useful Information

Catch the Wind! - BWE Market Survey: "Wind Energy Market 2007/2008"

The German Wind Energy Association is publishing the 18th edition of its comprehensive overview of the wind industry. In addition to the important German market, this edition focuses in particular on the international wind energy market. "Wind Energy Market" is a completely bilingual publication (English and German). The BWE market overview has become an important tool in maintaining an overview in a continually growing industry. The defining work comprises approximately 200 pages containing the following information and more:

- Technical specifications of more than 70 wind turbines (25 W to 5,000 kW).
- Certified measurement reports of over 40 wind turbines.
- Directory of addresses with more than 450 industry experts.

Editorial section: "Global wind energy market", "Technical trends and innovations", "The German wind energy market" and the results of the BWE service survey.

Online Order: www.wind-energie.de/index.php?id=1532

New GTZ Energy Newsletter published

The current edition of "GTZ Energy News" was issued end of November 2007. The Energy Newsletter provides current information on the work of GTZ in the area of energy and climate protection and offers an overview of new projects, events and publications. It appears every two months. If you wish to subscribe to the "GTZ Energy News", please send an e-mail to energy@gtz.de.

You can find the current Newsletter at: www.gtz.de/de/themen/umwelt-infrastruktur/energie/16393.htm

First North American World Wind Energy Conference and Renewable Energy Job Fair Announced:

The World Wind Energy Association (WWEA), Ontario Sustainable Energy Association (OSEA) and St. Lawrence College (SLC) are pleased to announce the North American debut of the 7th World Wind Energy Conference and Exhibition (WWEC2008), taking place June 24 – 26, 2008 in Kingston, Ontario, Canada. Keynote Speakers for WWEC2008 include Dr. Hermann Scheer, global leader in the field of renewable energy and winner of the Alternative Nobel Prize, and Dr. David Suzuki, award-winning scientist, environmentalist and broadcaster. 7th WWEC2008 will profile the special topic of Community Power, referring to the development and ownership of renewable energy projects by local communities including farmers and landowners, cooperatives, Aboriginal Groups, municipalities, utilities, educational institutions and other partners. 7th WWEC2008 Community Power is comprised of a three-day program of panels and presentations focused on policy, financing, ownership, technology, interconnection, governance and capacity building, a Trade Show Exhibition showcasing new technologies, supplier and manufacturers in the renewable energy sector, and the first North American Renewable Energy Job Fair, linking students and professionals with training, education and employment opportunities and interested renewable power sector companies and organizations.

More information: www.wwec2008.com

WORLD ENERGY DIALOGUE – Where Future meets Solutions

The WORLD ENERGY DIALOGUE (22 and 23 April 2008) occupies a position of importance at HANNOVER MESSE. This third global energy summit will serve as a platform for leading experts worldwide to discuss questions - and propose solutions - relating to the vital energy issues of our times.

The central theme of the WORLD ENERGY DIALOGUE 2008 is "The Future of Power Plants and Grids".

Energy experts, private sector representatives, key policymakers and scientists will be discussing the power plant parks of the future allowing for integration of decentralized energy generation, energy efficiency and the energy mix of the future.

The WORLD ENERGY DIALOGUE is being held by the Federation of German Industries (BDI), Deutsche Energie-Agentur (dena) - the German Energy Agency and Deutsche Messe in collaboration with the steering committee. For further information and registration see:

www.world-energy-dialogue.com

At the opening ceremony of the WORLD ENERGY DIALOGUE the German Federal Minister of Economics and Technology will award the second international "Energy Efficiency Award" to companies from industry and trade who have invested in innovative, exemplary measures to increase energy efficiency in their company. Until 31st January 2008 you can submit your reference project. For further information see:

www.industrie-energieeffizienz.de

The Information gateway for renewable energies and energy efficiency

Up-to-date and high quality information on renewable energy and energy efficiency is often hard to find. The existing information gap led the international NGO „Renewable Energy and Energy Efficiency Partnership“ (REEEP) and the global policy network „Renewable Energy Policy Network for the 21st century“ (REN21) to join hands and work together towards the establishment of a user-friendly and comprehensive information portal on clean energy policy, regulation and financing: reegle.

The information gateway provides information and data on all the various sub-sectors within sustainable energy at a global level. reegle's content is derived from data and information found in existing databases covering areas related to sustainability. It is funded by the Dutch Ministry of Housing, Spatial Planning and the Environment (MINVROM), the British Department for Environment, Food and Rural Affairs (DEFRA) and the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany (BMU).

More information: www.reegle.info

Service and editorial information

For more information about German technologies and manufacturers in the renewable energy industry, see our website www.renewables-made-in-Germany.com.

Editorial information

[Deutsche Energie-Agentur GmbH \(dena\) - German Energy Agency](#)

Chausseestr.128a
10115 Berlin, Germany

Tel: +49 (0)30 72 61 65 - 600

Fax: +49 (0)30 72 61 65 - 699

E-mail: renewables@dena.de

Internet: www.renewables-made-in-germany.com

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