



ENERGY STORAGE

*International Summit for
the Storage of Renewable Energies*

Düsseldorf, 13 – 14 March 2012

Experts from Industry and Research discuss Storage Solutions for Renewable Energies – Roadmap for Accelerated Market Introduction being Drawn up

Messe Düsseldorf and Solarpraxis bring the energy sector to the “Energy Storage – Summit for the Storage of Renewable Energies” in Düsseldorf

Berlin/Düsseldorf, November 2011: By 2020 renewable energies are to make up 18% of Germany’s power supply. By 2050 the figure could be as high as 100%, according to the results of a study of the “Nachhaltiges Energiesystem 2050” committee of the renewable energies research alliance (ForschungsVerbund Erneuerbare Energien). Efficient storage technologies play a pivotal role in a sustainable energy supply based on renewable energies. This particularly applies to solar and wind energy where the lack of storage techniques is becoming an increasingly limiting factor. The role that energy storage plays in future energy supplies is the topic of “Energy Storage – International Summit for the Storage of Renewable Energies” in March 2012.

The conference with accompanying technical exhibition celebrating its premiere on 13 and 14 March 2012 will focus on practical feasibility. Representatives from research, industry, politics and energy supply will get together in order to shed some light on commercially viable applications and innovative concepts for energy storage as well as on their potential and affordability. The aim is to outline a roadmap towards commercially viable storage technologies for future-proof energy scenarios.

The internationally renowned scientist Prof. Dr. Eicke R. Weber, spokesman of the Fraunhofer Energy Alliance and Head of the Fraunhofer Institute for Solar Energy Systems in Freiburg, is the Chairman of the Programme Committee. “Energy storage is a crucial part of the transformation of energy systems. Inexpensive, durable storage systems are a must. This conference and its accompanying technical exhibition provide the perfect platform for bridging the gap between research and industry,” says Prof. Dr. Weber. The Fraunhofer Energy Alliance is an alliance of 16 Fraunhofer Institutes pooling the core competences in the areas of energy technologies and energy supply systems. In concert with the business community the Fraunhofer Energy Alliance intends to enhance Germany’s technology



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leadership in the efficient use of energy and the development of renewable sources of energy.

After the Energy Storage Advisory Committee had met for the first time in summer this year, the Programme Committee laid down the session themes of the conference in its constituent meeting early September. These are at a glance:

- The overall context of the energy supply industry: The role of storage technologies for future energy supply
- Stages of development and commercial viability of various technologies such as batteries, thermal, hydrogen storage systems and major storage power plants
- Final discussion and development of a roadmap for the further development of commercially viable storage technologies

“Energy Storage – Summit for the Storage of Renewable Energies” will be organised by Messe Düsseldorf in cooperation with Solarpraxis AG.

Next to Prof. Dr. Weber there are other renowned experts from science and research involved as a multi-disciplinary team in developing the content. Thanks to storage projects realised jointly with the industry this body – composed of:

- **Dr.-Ing. Kurt Rohrig**, Deputy Director of the Fraunhofer Institute for Wind Energy and Energy System Technology (IWES) and Division Director for Energy Economy and Grid Operation as well as
- **Prof. Dr. Werner Tillmetz**, Board Member and Business Unit Manager for Electrochemical Energy Technologies at the Centre for Solar Energy and Hydrogen Research (ZSW)
- **Dr. Andreas Hauer**, Department Head for Energy System Technology and Renewable Energies at the Centre for Applied Energy Research (ZAE)
- **Dr. Dipl. Phys. Christopher Hebling**, Director of the Division Energy Technology of the Fraunhofer Institute for Solar Energy Systems (ISE),
- **Prof. Dr. Olav Hohmeyer**, expert for energy and resource management at the University of Flensburg
- **Dr. Andreas Gutsch**, Project Coordinator Competence E, Karlsruhe Institute for Technology (KIT)



boasts valuable practical knowledge about this subject.

The conference is accompanied by an exhibition at which research institutes and enterprises present applications-oriented concepts and industry-ready storage solutions. The venue is the Congress Center CCD. South at the Düsseldorf Exhibition Centre.

For further information go to: www.energy-storage-online.com

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On Solarpaxis AG:

Solarpaxis AG is one of the leading knowledge service providers for the renewables sector. Since 1998 it has rendered professional services and expertise in the areas of engineering, conferences and publishing.

Manufacturers, wholesalers, planners, investors and skilled craftsmen are supported by the engineering department in the photovoltaic, solar thermal, CHP, heat pump, pellet and energy efficiency sectors. The publishing business unit also publishes high-quality industry reports in addition to the B2B magazines “photovoltaic”, “pv magazine” and “pv magazine” Chinese edition. The international conferences organised by Solarpaxis AG are meeting points for decision makers from all areas of renewable energies. Forum Solarpaxis is known far beyond the German borders. This, the oldest and most renowned event by Solarpaxis AG celebrated its 10th anniversary in 2009 attracting over 700 delegates. Numerous other conferences in Spain, Italy and the USA follow on from this success story.

Thanks to this service portfolio Solarpaxis is very close to its customers and able to offer tailor-made solutions for the industry. Longstanding practical experience gained by partnering with the industry and in-depth technical know-how guarantee high-calibre conference agendas – well-researched, close to the market and customer-focused.

On the Messe Düsseldorf Group:

With a turnover of EUR 335 million in 2010, the Messe Düsseldorf Group was able to confirm its position as one of the most successful German exhibition companies. In this year characterised by a low number of events,



28,000 exhibitors presented their products to 1.4 million visitors in Düsseldorf alone. With over 40 trade fairs – including 23 globally leading exhibitions in the five competence areas machinery, plant and equipment, retail, skilled crafts and services, medicine and health, fashion and lifestyle as well as leisure both at the Düsseldorf location and at some 100 of its own events and international participations, the Messe Düsseldorf Group is one of the leading export platforms in the world. Messe Düsseldorf GmbH ranks first in terms of internationality in capital goods trade fairs: In Düsseldorf, over 60% of exhibitors and over 40% of visitors came from abroad in 2010; overall, our trade fairs in Düsseldorf attracted customers from 151 countries. Sales organisations in 127 countries (68 foreign representations) and competence centres in nine countries make up the group's global network. The average number of employees in the group over the year was 1,286.

