

# Press Release

Bad Vilbel, 4. February 2013

## **Lahmeyer at EWEA 2013**

**This February, wind energy specialists from around the world will meet in Vienna at EWEA to exchange their knowledge. More than 400 exhibitors and over 10,000 visitors are expected to attend the conference with connected exhibition. Lahmeyer will introduce their comprehensive range of services in hall A at stand C90. Relating to the implementation of wind energy plants, the engineering company is a competent partner utilising decades of experience throughout the world.**

From February 4<sup>th</sup> - 7<sup>th</sup>, 2013 the wind energy professionals will discuss new technological progresses, report on their experience and on the latest developments in the sector. In this context, Lahmeyer International will present its expert services ranging from the assistance with wind measurements, the planning and assessment of wind farms through supervision and commissioning - for both onshore and offshore projects.

### **New Projects and Concepts**

Lahmeyer International has extensive worldwide experience in the fields of power generation and energy supply. Investors and operators rely on the comprehensive know-how of international expert teams. Lahmeyer International engineers will present recent projects and concepts to the conference delegates in Vienna, focused on specific challenges and their solutions which aim to meet the highest technical and economic requirements.

### **International Commitment - Focus on Africa**

With the help of Lahmeyer International, a series of wind farms are being developed worldwide. Africa's largest wind farm is one of Lahmeyer's most interesting projects being presented in Vienna. On behalf of the New and Renewable Energy Authority (NREA) Lahmeyer - as leader of the joint venture with Japanese partner Oriental Consultants - accompanies the new Gulf of El Zayt project in Egypt. The wind farm with an installed capacity of ~ 220 MW will be constructed on an area of roughly 35 square kilometres in the desert near the Gulf of Suez. This is equivalent to between 100 - 220 wind turbines, depending on their rated power. Thus, Africa's largest wind farm is in the development process.

The new wind farm project is primarily financed by the Japanese Development Bank JICA. It consists of four lots: wind turbines with foundations, SCADA, and electrical grid connection, roads and platforms as well as expansion of a 220 kV substation by 250 MVA. The Lahmeyer engineers will accompany the project throughout the entire process. The project covers all phases, from preliminary planning including topographic mapping and geotechnical pre-studies, pre-qualifications, tendering and award, site supervision as well as a three-year guarantee period. A time frame of seven years is scheduled for site supervision including the guarantee phase.

A second project on the African continent is the engineering consultancy services for a 50.6 MW wind park in Morocco.

Lahmeyer is responsible for the design review, site supervision, interface management as well as cost and quality control under the scope of an Owners Engineering contract for the client Energie Eolienne du Maroc (EEM). Additionally, the project team will accompany and document the acceptance tests at the end of the project.

More large-scale wind park projects in Africa - Ethiopia, Egypt, Nigeria and Ghana - are currently assisted by Lahmeyer engineers.

### **Wind Farms in Asia and Europe**

Pakistan has broken new ground with its first big wind park project. Around eighty kilometres north of Karachi the operator FFC (Fauji Fertilizer Company) has initiated construction of a new wind park with an installed capacity of 50 MW. Lahmeyer has been part of the project from the initial planning stage. A park consisting of 33 Nordex MD 77 wind turbines, each with an individual capacity of 1.5 MW, and is currently in the commissioning phase. Lahmeyer experts supervised the wind measurements, verified the project feasibility and assisted in the tendering process as well as contract negotiations. Currently, site supervision is being carried out. Even after project completion Lahmeyer will continue to assist the client regarding consultancy and operation.

In Eastern Europe, Poland and Romania are two countries developing new wind park sites with the support of Lahmeyer International. Six projects of various sizes - between 15 MW and 450 MW of installed capacity - are presently being prepared by Lahmeyer. The Lahmeyer teams on site are working closely with competent engineers from Poland and Romania.

### **Benefit from Experience**

Lahmeyer supports projects in many regions of the world which help to promote the development of local economies, and at the same time making an important contribution toward climate protection. Thanks to the internationally active experts, the experience gained from every single project is beneficial to other projects managed by Lahmeyer.

### **The Company Lahmeyer International**

As an independent company of consulting engineers, Lahmeyer International offers a wide range of planning and consultancy services. The main fields of activity are complex infrastructure projects in the Energy, Hydropower and Water Resources Sector as well as in Building and Transportation. Positioned as an international market leader in the engineering consulting business, the Lahmeyer Group employs more than 1,500 people from over 30 specialist fields worldwide. Among the clients of Lahmeyer are governments, authorities, energy suppliers, industrial enterprises, investors as well as international financing institutions. Lahmeyer has executed projects in 165 countries all around the globe.

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**Images:**

Image 1: Lahmeyer International presents new projects and concepts for wind power plants at EWEA 2013.



Image 2: Lahmeyer International has long-standing world-wide experience in the fields of power generation - both offshore and onshore.



Image 3: The teams at Lahmeyer International are aiding wind park projects all over the world, such as here in Egypt.

