



Under South Korean sky:  
The Yeong Yong wind  
park, owned by Acciona,  
will avoid 1.11 million  
tons of CO2 annually.

Photo: Acciona

## Acciona completes wind park in Korea



The Spanish wind turbine manufacturer Acciona Energy has realized the 61.5 MW wind park Yeong Yang. According to the company, the park in the region of North Gyeongsang is the first plant of its kind built by a Spanish company in South Korea and represents an investment of around € 100 million. The park consists of 41 wind turbines with a capacity of 1.5 MW each and a tower height of 80 metres. It is Acciona's second project to qualify under the Clean Development Mechanism – two other wind parks in India are already operational.

## RWE Innogy invests into Spanish wind



RWE Innogy has increased its share in the Spanish wind farm operator Danta de Energías S.A. to 93.7 %. Via its Spanish subsidiary Agrupació Energías Renovables S.A. (AERSA), the company previously held 44 % of Danta. RWE Innogy thus increases its wind power portfolio in Spain by about 70 MW to a total of 400 MW. In the Spanish region of Castile and León, near to the town of Soria, Danta de Energías operates three on-shore wind farms with a total capacity of about 130 MW. Furthermore, the company is currently developing four more wind farms with a total capacity of around 40 MW in the region. They will go into operation from 2011 onwards. RWE Innogy takes over the shares from the Madrid-based operator of wind and solar power plants Eolia Renovables de Inversiones S.C.R., S.A.

## Siemens supplies turbines for London Array and Butendiek wind farms



The offshore wind farm London Array, which is currently under construction in the Thames estuary, will use 175 wind turbines from Siemens with a capacity of 3.6 MW each.

For Dong Energy – one of the project owners along with E.on and Masdar– Siemens is supplying the turbines of the type SWT-3.6-107. They will be produced in Denmark and transported to the Thames estuary, where they will be installed in up to 23 m deep waters. The wind farm is located about 20 km off the coasts of Kent and Essex and will be the world's largest offshore farm, with an initial capacity of 630 MW.

According to Siemens, the foundations will be laid and the grid installed in 2011. The turbines will be erected in 2011 and 2012. Furthermore, there is an option to expand London Array to 1,000 MW. With this capacity, the offshore farm could supply electricity for about 750,000 British households.

The future looks bright for offshore on the island: at the end of April, the British

government announced that they will provide stronger support for offshore wind power than before. In the future, offshore projects will get two Renewable Obligation Certificates (ROCs) per MWh and thus twice as much as previously.

Siemens will supply another 80 wind turbines of the same type for the German offshore wind farm Butendiek. The company has signed a corresponding preliminary agreement with Airtricity, the renewable energies subsidiary of the energy supply company Scottish and Southern Energy. Airtricity acquired the project in 2007 from the small-investor-financed wind farm company OSB Butendiek "This agreement shows that the German offshore market is moving from pure demonstration projects towards commercial offshore operations", says Andreas Nauen, the CEO of Siemens Wind Power. The wind farm Butendiek will be built 34 km to the west of the North Sea island of Sylt at a water depth of 20 m. After its completion in 2012, the farm will have a total installed capacity of 288 MW.

## Kenersys to start series production



In the North German sea port of Wismar, Kenersys Europe GmbH is currently building an assembly plant. The company wants to produce 180 wind turbines annually in the new factory.

When the commemorative foundation stone was laid on 18<sup>th</sup> May, the steel structure of the hall and the administration building had already been set up. On an area of 40,000 m<sup>2</sup>, series production is set to begin in August. According to Kenersys, turbines of the types K82 and K100 with capacities of 2.0 and 2.5 MW will be produced in Wismar for the European market. The company built the prototypes of the K82 and the K100 for the energy supply companies Göteborg Energi and Vattenfall in the Swedish city of Göteborg and on the Baltic Sea island of Gotland, respectively. Kenersys has its headquarters in the Westphalian city of Münster. The company was founded in 2002 as RSB-Consult by the developers Andreas Reuter, Florian Schubert and Markus Becker and has been part of the Indian Kalyani Group since 2007.



Prototype of the K100 with a capacity of 2.5 MW in Näsudden on the Swedish Baltic Sea island of Gotland.

Photo: Kenersys