

## **News**

### **:: Acquisition of Wavegen**

#### **Voith Siemens Hydro Invests in Future-Orientated Energy Generation by Wave Energy**

24/05/05

Voith Siemens Hydro has purchased Wavegen in Inverness, Scotland, today.

The company which was founded in 1990 is leading in the construction of wave energy systems and in the research and the development of this technology.

Through the acquisition of Wavegen, Voith Siemens Hydro intends to boost the development of innovative technologies for energy generation from water and assume a leading role in this field.

Voith Siemens Hydro envisages its future strategic orientation, jointly undertaken with Wavegen, in the commercialization of existing technologies for near-shore power stations.

Locations for a number of projects have already been identified.

Consulting, concept, operating and maintenance services for wave-to-wire plants, as well as the development of new technologies for energy generation from ocean currents, are also part of the future activities of the company.

Apart from in-house R & D activities, these developments will also be backed by strategic partnerships with manufacturers, operators, assembly companies and research institutions as well as local partners.

The competencies developed by Wavegen cover, for example, the technical outline of oscillating water columns (OWC), i.e. collecting devices for such water columns.

Additionally, Wavegen are also experts in so-called power take-off (PTO) systems – power extraction systems operating via turbines and generators.

The OWC system utilizes the movement of waves and their inherent kinetic energy. The waves are “collected” in a chamber, where they generate pressure differences and drive a module (PTO) which feeds the created rotational energy into the grid.

Voith Siemens Hydro Power Generation is a Group Division of Voith. With 2,260 employees and sales of €683 million in the last business year, it is among the worldwide leading suppliers in the field of hydropower.

Voith is setting standards in paper technology, power transmission, energy, technology and industrial services.

Founded on 1 January 1867, with approximately 24,000 employees, a turnover of €3.3 billion and over 200 locations world-wide, Voith is one of Europe's large family-owned companies.

For more information contact Platform PR on 01463 783018.

Platform PR  
The Old Station  
Beaulieu  
IV4 7EG  
01463 783018 (t)  
01463 783584 (f)  
07900 917141 (m)