

POWER cluster



Rise the awareness of offshore wind energy among school teachers and students/pupils

It is important to inspire the youth for the profession of responsible engineers, technicians and mechanics in the field of Offshore wind energy and to produce prospective experts for the wind industry businesses via universities, further education centres and schools.



Inspiration of the youth

Furthermore the inspiration of the youth to a profession in the field of offshore wind energy will be achieved by developing of methods and programmes such as open days, information events, excursions, practical courses for students and children at different levels and ages. The harmonisation will be supported by a requirement analysis and personal contacts to institutions concerned. Pilot schemes have to take place internationally in order to generate products, like target group orientated programmes with guest speakers from wind energy industry, visiting programmes and interactive learning programmes, presentations with experiments all suited for inspiring the youth.

Main output and results

The project partners have pursued different ways. Experiences across different institutions and countries have been exchanged.

Some examples:

As a part of the International science festival in Göteborg, Sweden, the experimental workshops welcomed over 10 000 visitors for a period of two weeks. During the weeks, students aged 5-15 visited the workshops and during the weekends the public joined in. At the workshop "Wind Power is a Breeze" pupils were able to construct their own turbines for a miniature wind turbine and thereby learn about wind power. The station was appreciated by the visitors, pupils as well as researchers.

Activities with students and schools: Small wind energy turbine project on the roof of a primary school: wind measurements, choosing wind energy plant.

Exchange with a Danish and a German school, presentation of the wind energy sector of the University of Applied Science Bremerhaven to more than 50 students.

Building anemometers with students aged 15 – 17.

March 2010: in Oldenburg a teacher group of science teachers starts to develop teaching



material on OWE in collaboration with researchers in science education.

Partners involved

Chalmers University, SE
ForWind – Center for Wind Energy Research, University of Oldenburg, DE
Lowestoft College, UK
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European Union  The European Regional Development Fund