Invitation

The Contest kids 4 offshore

THE POWER CONTEST

kids 4 offshore

Wind Energy At Sea
From Pupils For Pupils

P·O·W·E·R
Pushing Offshore Wind Energy Regions

Interreg North Sea Region

register until 31st july 2006 at www.kids4offshore.eu

An Interactive Learning Tool

kids 4 offshore is an interactive learning tool for offshore wind energy featuring material created by pupils. Children as well as their teachers and families can explore through interactive and engaging activities how offshore wind energy works and its importance as sustainable energy resource; focusing on examples, current conditions and future perspectives in the North Sea regions from kids' and pupils' points of view. The interactive learning tool will be packed with computer-based exhibits, as well as material for experiments at home and other fun material that is provided via Internet and DVD.

How To Participate In ?

Classes from school year 9 to 13 are invited to develop various little tools, text and interactive material to be integrated in the kids 4 offshore platform. You are invited to submit textual information, computer games and fun material, as well as pictures, videos and paintings. The activities can be integrated into regular classes (literature, computer science or art) or realised in the course of project weeks. For the best submissions we will award trips and attractive prices! For joining in please register at www.kids4offshore.eu and describe there shortly your idea by end of July 2006. After registration we will sent a teacher's folder to the applicants. Deadline for submitting material is the 30th November 2006.

POWER Interactive Learning Wind At Sea

Offshore Wind Energy

Wind energy is independent of fossil fuel resources and does not release any substantial emissions into the atmosphere. The contribution of wind energy has increased to one-tenth of the overall energy consumption in the North Sea region. And its potentials are not yet fully exploited. Among the sources of renewable energy, wind energy has the best future growth prospects. Considering the diminishing general acceptance of building ever more wind farms on the last free and rentable spots onshore, offshore wind farms - wind farms that are built in the midst of the sea - are the solution. Moreover, higher wind speeds promise an enormous potential for the future energy generation in Northern Europe. Right now, several wind farms are running successfully near shore and further huge wind farms will be established.

About Modern Learning

The mission of the final kids 4 offshore interactive learning tool is to entertain children while educating and exciting them about offshore wind energy ("edutainment"). By using interactive and multimedia techniques children and pupils should find a platform that makes it fun to learn about offshore wind energy - being so absorbed that they don't realize they are learning. Currently, on the world wide web, a renaissance of animation is taking place. Due to user-friendly software supported by Flash or Java Applets and easily available players and plug-ins people can have access to an abundance of interactive and multimedia information. The development of such media in the course of a contest is considered as testing environment for an inspiring way to incorporate the topic offshore wind energy into classroom settings.

kids 4 offshore is an initiative of the European project POWER - Pushing Offshore Wind Energy Regions around the North Sea. Its general aim is to create a North Sea competence network for offshore wind energy by uniting North Sea regions with an interest in supporting and realising the economic and technological potentials of offshore wind energy. In that way POWER focus also on kids and pupils and tries to enthuse them on wind energy and climate protection. Teachers and pupils shall discover offshore wind energy in their regions by developing fancy material for the kids 4 offshore platform. This interactive learning project is managed by the University of Oldenburg and the University of Applied Science in Bremen.

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