

OFF SHORE EXPERIMENTAL STATION CANTABRIAN SEA

Proposal for Call: The Oceans of Tomorrow

Topic: OCEAN.2011-1. Multi-use offshore platforms

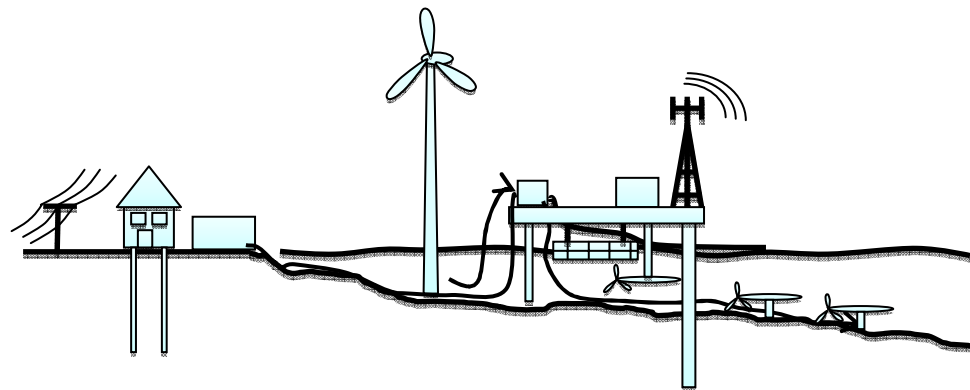
Brussels
09.09.2010



University of Oviedo Cluster: Proposal

One of the most relevant strategic actions of the **Cluster of Energy, Environment and Climate Change** is the building of a **Singular Laboratory based in the Cantabrian Sea.**

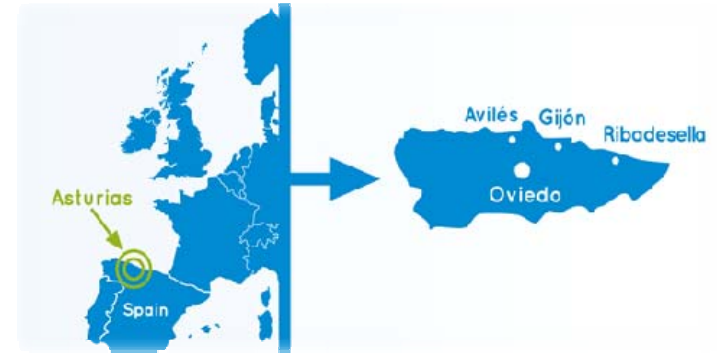
It is focused on the development of R&D and innovation projects based on the generation, storage and transport of **Renewable Off-Shore Energies.**



University of Oviedo Cluster: Proposal



- Work has already started!
 - 1) Location study
 - 2) Management of legal issues
 - 3) Offshore multi-use technologies
 - 4) Feasibility study and business plan



➤ HIGHLIGHTS:

The **Asturian geography** provides many adequate characteristics which complement and increase the potential added value of the Off Shore Experimental Station.

Excellent sea transport connections (Port of Gijón)

Exceptional near/off shore access to deep-sea waters

Best environmental conditions for test aerogenerator (similar to North Sea)

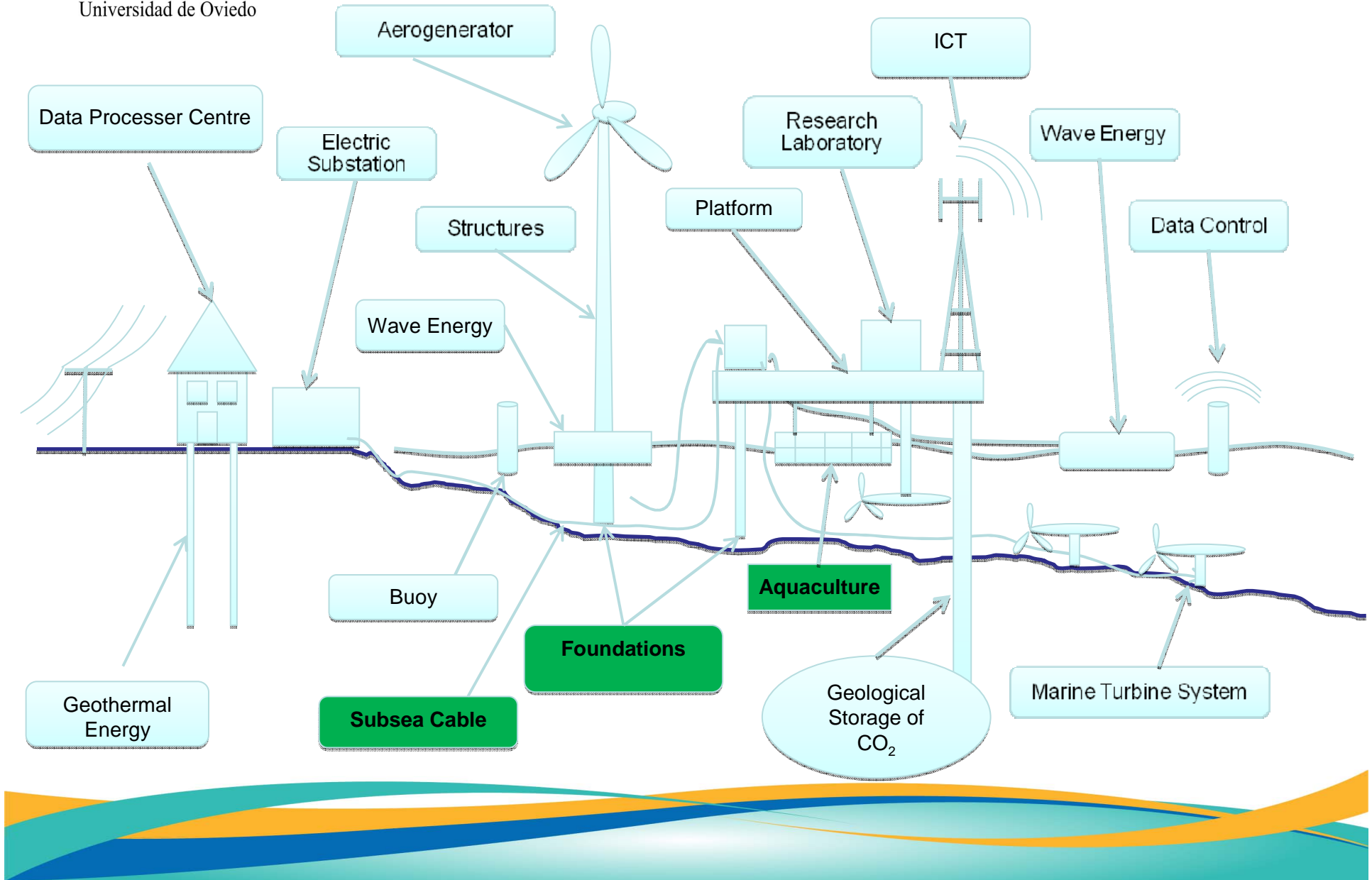


Cluster of Energy, Environment and Climate Change: Proposal

- The University of Oviedo due to its capacity and know-how is willing to join a strong consortium as Partner or Work Package Leader.
- Partners profile thought:
 - Aquaculture
 - Dynamic Subsea cable
 - Pile foundation
 - Transport efficiency



Cluster of Energy, Environment and Climate Change: Proposal



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