

Co-ordinated Action on Ocean Energy

Results in Brief

Towards improved exploitation of ocean energy

Growing energy demands necessitate the discovery of novel energy sources. An EUfunded consortium addressed the exploitation of wave and tidal energy sources.





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Ocean energy is an evolving field of scientific research with great power generation potential; but it is, however, still in its infancy. Industry and research organisations are seeking funding to carry out the development of working prototypes. In order to disseminate the knowledge and promote relevant technologies, the coordinated EU initiative 'Co-ordinated action on ocean energy' (CA-OE) was formed.

Among the objectives of the CA-OE consortium was to develop common approaches of ocean energy research and development (R&D) and to market future promising research deliverables. To meet these goals, project partners organised workshops that introduced new modelling techniques and ocean energy testing, discussed options for power take-off systems as well as design construction and safety issues. Additionally, the performance of different tidal and wave energy conversion systems was assessed alongside their environmental impact.

Overall, the CA-OE project disseminated promising methodologies and technologies that could be applied for ocean energy exploitation. Evaluation reports and workshop proceedings are expected to promote ocean energy as an alternative energy source to the general public and enable a more coordinated research approach in the field of ocean energy.

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Project Information

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