

Open Days

Roundtable 1 – Research and testing infrastructures for the offshore RES sector

Offshore RES funding: What are the major trends at the EU level?

Niels Vinther
Alliance for Offshore Renewables
nv@greenoffshore.dk

The Framework programme: exploring the offshore synergies

Activity/ Area	Topics called	Funding Schemes
ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION		
AREA ENERGY.2.3: WIND	ENERGY.2011.2.3-1: Demonstration of innovative off-shore wind electricity generation structure	Collaborative Project with a predominant demonstration component
	Energy.2011.2.3-2: Development of design tools for Offshore Wind farm clusters	Collaborative Project
ACTIVITY ENERGY.7: SMART ENERGY NETWORKS		
AREA ENERGY 7.3: CROSS CUTTING ISSUES AND TECHNOLOGIES	ENERGY.2011.7.3-2: Storage and balancing variable electricity supply and demand	Collaborative Project with a predominant demonstration component
ACTIVITY ENERGY.10: HORIZONTAL PROGRAMME ACTIONS		
AREA ENERGY.10.1: JOINT CALL 'THE OCEAN OF TOMORROW' - JOINING RESEARCH FORCES TO MEET CHALLENGES IN OCEAN MANAGEMENT	OCEAN.2011-1: Multi-use offshore platforms	Collaborative Project (large scale integrating project).
	OCEAN.2011-4: Knowledge-base and tools for regional networks of MPAs, integrated management of activities together with assessment of wind energy potential in the Mediterranean and the Black Sea	Collaborative Project (large scale integrating project) for specific cooperation actions (SICA) dedicated to international cooperation partner countries
AREA ENERGY.10.2: OTHER HORIZONTAL ACTIONS	ENERGY.2011.10.2-1: Pilot International Researcher Exchange in the field of energy research (US and Japan)	Support for training and career development of researchers
	ENERGY.2011.10.2-4: Supporting the coordination of national research activities of Member States and Associated States in the field of OCEAN energy (ERA-NET)	ERA-NET

Introduction

- Financing instrument managed jointly by the European Commission, European Investment Bank and Member States
- 300 mio allowances
- Funding based on saved carbon emission allowances

Basics

- Only renewable energy generation (electricity, heat & fuel).
- Innovative, excluding incremental innovation
- Sufficiently mature for pre-commercial demo (last step before commercialisation, often after validation in pilot plant)
- Need to be demonstrated at large scale
- No upstream technologies (gas and oil)
- No deployment
- No repetition of demo already completed /underway somewhere else
- No niche applications

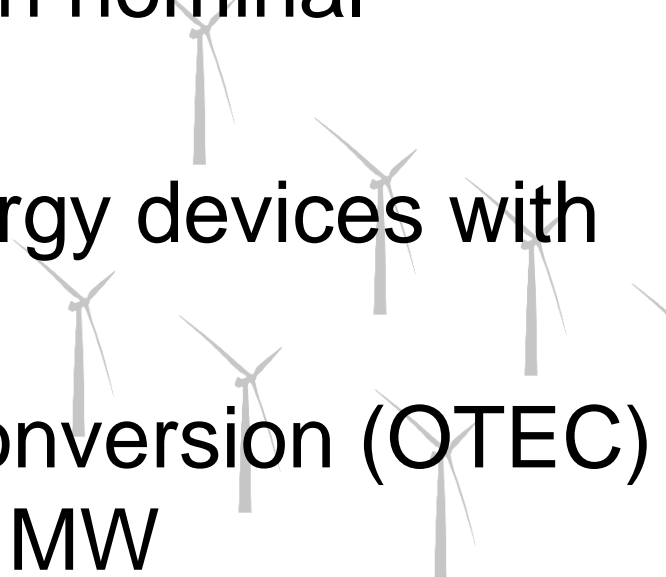
Offshore renewables related calls

Wind

- Off-shore wind (minimum turbines size 6 MW) with nominal capacity 40 MW
- Off-shore wind (minimum turbines size 8 MW) with nominal capacity 40 MW
- Off-shore wind (minimum turbines size 10 MW) with nominal capacity 40 MW
- Floating off-shore wind systems with nominal capacity 25 MW

Offshore renewables related calls

Ocean

- Wave energy devices with nominal capacity 5 MW
 - Marine/tidal currents energy devices with nominal capacity 5 MW
 - Ocean thermal energy conversion (OTEC) with nominal capacity 10 MW
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Info on NER300

<http://www.ner300.com/>

Greg Arrowsmith

+44 7769 564 864

arrowsmith@ner300.com

First call is expected to open
beginning of October 2010