

COWRIE

Session 1: COWRIE Research updates

The Work Programme – an update

Dr Carolyn Heeps, Director, COWRIE

“Historic environment guidance note for the offshore renewable industry”

John Gribble, Wessex Archaeology

“Aerial surveys: their use to detect bird displacement by offshore windfarms”

Dr Ilya Maclean, British Trust for Ornithology

Session 2: Other research updates

**“Marine renewables environmental research –
UK government RAG strategy and progress”**

Dr John Hartley, Hartley Anderson Limited

Questions

SESSION 1



Update of Work Programme

- Work continues through the three working groups, co-ordinated:

Communications - website www.offshorewind.co.uk

Data Management Plan set up (Geodata)

Environment - several research projects completed, underway, new projects identified

Research update

EMF Mesocosm study

Following wide consultation, the Electromagnetic Fields (EMF) Phase 2 is going ahead:

- Project led by Cranfield University/CEFAS team
- Mesocosm tests to start in February 2007 (Ardtoe site)
- EMF behavioural tracking studies to start in April 07
- Completion expected December 2007

Research update

Biola report: Effects of offshore windfarm noise on marine mammals and fish

- Original report by biola (Germany) was translated and updated, providing review of:
 - noise during construction/ operation based on measurements from across Europe
 - transmission of the noise
 - definition of zones of noise influence on marine mammals and fish
- Report published in July 2006 and available at www.offshorewind.co.uk

Research update

New projects

- 5 new research projects expected to start before the end of 2006:
 - Windfarm casualties & bird population viability
 - Techniques for impact assessments of marine mammals
 - Mitigating noise during construction (Phase 1: review of current acoustic deterrents)
 - Smart Buoy for the Greater Wash
 - In-fill radar scoping study

Data and Information Plan update

- Draft Plan completed and implemented through IT and web based platforms – map layer interface
- Development of Data Stewardship Plan (with DACs)
- Liaison with Developers – Regional Meetings
- Pilot Data entry – 2 developers – end of 2007
- IT support for data uploads
- Consideration of data volume and research projects
- Workshop early 2007



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COWRIE - Data Management & Stewardship for UK Marine Renewables

COWRIE Data Management is the source for all environmental records and information generated under Round II of the marine renewables licences.

COWRIE is creating an infrastructure to handle all environmental data collected by licensed developers and COWRIE-funded research projects.

COWRIE provides access to [metadata](#) (data about the data) and through search criteria and interactive maps allows you to find, view records and download data and information resources from the [Data Catalogue](#). Users of the online system may read the available [advice](#).

This process will ensure the long term access and archive of data and information for the renewables industry and the wider marine community.



www.data.offshorewind.co.uk

New Student Awards for Environmental Research into Marine Renewable Energy

Two categories of Award (each being a value of £750):

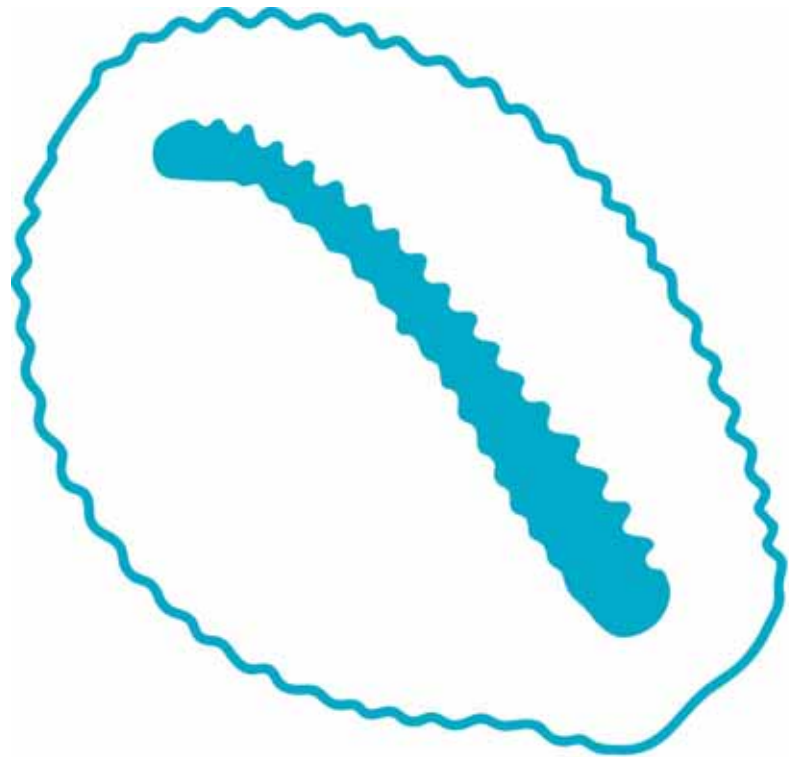
- Individual projects completed by final year undergraduates (and submitted in academic year 2005-06)
- Individual projects completed by MSc. Students (and submitted in academic year 2005-06)

Invitations to Universities to nominate student projects and advertise the Awards scheme will be circulated in October 2006.

Deadline for submission of nominations: **30th November 2006.**

Acknowledgements

- BWEA
- Working Group members
- NatureBureau
- GeoData
- E-Bloc
- Developers



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