



# SuperGen Marine Energy Research

Inreach, Outreach and Dissemination

# Phase 1 - Inreach



Aberdeen City Council  
AEA Technologies Ltd  
Aquatera  
Aquamarine Power Ltd  
Artemis Intelligent Power Ltd  
Black and Veitch  
The Carbon Trust  
The Crown Estates  
DTI  
Entec  
ECN Nantes (Fr)  
EMEC  
The Engineering Business  
The University of Exeter  
HIE  
HMRC (RoI)

The Met Office  
Marine Current Turbines  
NaREC  
Newage AvK  
Ocean Power Delivery  
Orcina  
Orkney Island Council  
Scottish Power  
Scottish Enterprise  
Scottish and Southern Energy  
SEPA  
SNH  
Teamwork Technologies (NL)  
TU Delft (NL)  
Wavegen

# Outreach



The SuperGen workshop programme included:

- “SuperGen Marine – Year 1 Progress”, October 2004, Edinburgh – 70 delegates
- “From C to sea: modelling and simulation for optimising marine renewable energy extraction”; April 2005, Aberdeen – 50 delegates
- “Learning from Experiences”; Joint workshop with Co-ordinated Action on Ocean Energy at the 6th European Wave Energy Conference, August 2005, Glasgow – 60 delegates
- “Research Route Map for Wave and Tidal Energy Conversion”, “Tidal Measurements”, Joint workshops with UKERC and EMEC, April and August 2005, Edinburgh – 30 and 30 delegates.
- “Research Route Map for Environmental Impact of Marine Energy”, Joint workshop with UKERC, and EMEC, September 2005, Edinburgh - 30 delegates.
- “Making waves: Economic and Social Impact of Marine Renewables”, Dec 2005, Glasgow
- “SuperGen Marine Research – Progress and Achievements”, Joint invited workshop with UKERC, June 2006, Oxford - 50 delegates.



# Phase 1 - Outreach

Several of the research staff and post-graduates have visited European collaborators for extended stays. Some of the partner institutions will operate co-lateral programmes with the Doctoral Training Programme in Phase 2 to adjoin their students to proposed activities.

Dissemination of the activities of the consortium also takes place via the SuperGen Marine web-site <http://www.SuperGen-marine.org.uk>. It is broadly accessible to all visitors but there are reserved areas with permitted access for members joining via the web-site, collaborators and partners.



# Phase 1 - Dissemination

The consortium has disseminated continuously via peer-reviewed journals, at conferences and at marine-energy related events of others, including

5th, 6th & 7th European Wave & Tidal Energy Conferences - Cork 2003, Glasgow 2005, & Porto 2007

EU Coordinated Action on Ocean Energy Workshops in Aalborg & Uppsala 2005, Amsterdam & Lisbon 2006 and Copenhagen 2007.

Regional Science Association International – British and Irish Section Conference, 2005, 2006, 2007.

Scottish Economic Policy Network 2005.

Royal Society of Edinburgh Inquiry into Energy Issues in Scotland, 2005.

Intl Conferences on Marine Renewable Energy MAREC – Blyth 2004 & London 2006

All Energy Conference, Aberdeen 2004, 5, 6 & 7



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World Renewable Energy Congress – Keynotes in Denver 2004 & Florence 2006

Greenhouse Gas Control Technology Conference – Vancouver 2004 & Trondheim 2006

DTI Trade Missions to Iberia 2004, France 2006, USA 2006, New Zealand 2006, Korea 2007

FCO/British Council Renewables Workshops, China 2006/7, Canada 2007

Intl Symp on Fluid Machinery for Wave & Tidal Energy: State of the Art & New Developments, London, October 2005

Advances in Reliability Technology Symposium – Keynote in Loughborough, June 2005



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Intl Conference on Offshore Mechanics and Arctic Engineering – Hamburg, June 2006

Ocean Renewable Energy Group - Nova Scotia, Nov 2006

Intl Conference Offshore and Polar Engineering Conference – San Francisco, July 2006 and Lisbon 2007.

International Sustainable Energy Forum, San Francisco, October 2006

Brazil Wave Power Seminar, Rio de Janeiro, February 2006

International Conference Ocean Energy, Bremerhaven, 2006

Centre for Public Policy for Regions-EUREAL workshop, Glasgow 2006.



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IEEE International Conference on Clean Electrical Power Renewable Energy Resources Impact, Capri, May 2007

IMechE, Fluid Machinery for Developing Engineers, Cranfield, 2007

ECOMOD Energy and Environment Modelling Conference, Moscow 2007.

**43 conferences or workshops in 22 countries**





# Phase 1 - Dissemination

The monograph distributed today contains:

- Summary of Phase 1
- Objectives and Direction of Phase 2
- Outcomes of Phase 1 – References and abstracts to around 150 peer-reviewed journal and conference publications

The web-site contains:

- Searchable publications database containing the above
- Synopses of seminal publications of others that we highly regard and recommend
- This will be extended in due course with very extensive historical texts.



## Phase 2

Workshops, seminars and conferences will be organised to bring into context UK research activities elsewhere in Europe.

Government, agency and industrial in-reach will be promoted through advisory forum and collaborators.

There will be 8 six-monthly workshops to inform and enable the community to provide feedback on the direction of the proposed research.