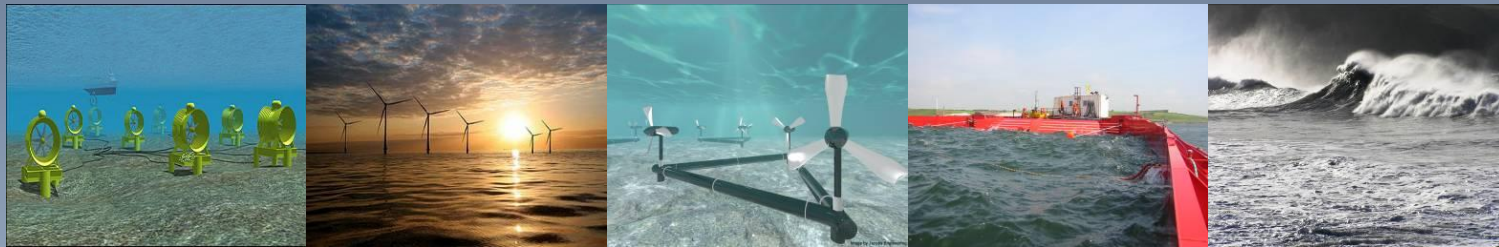


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Marine Energy Pembrokeshire

# Marine Energy Pembrokeshire

Progress update April - Dec 2011



[www.marineenergypembrokeshire.co.uk](http://www.marineenergypembrokeshire.co.uk)

<b>Reporting Period</b>	April – Dec 2011. <i>Year 1 core service outputs MEP Business Plan 2011-14</i>
<b>Work Stream</b>	Marine Energy Pembrokeshire MEP
<b>Update Authors</b>	Tonia Forsyth / David Jones
<b>Workstream aim and objectives</b>	To establish Pembrokeshire as a centre of excellence in Wales for the development and exploitation of energy derived from marine renewable sources.

<b>Overall Status</b>	Green
Green =	<u>Current progress on target with plan.</u> No major issues or concerns.
Amber =	<u>Progress deviating from plan.</u> Milestones/deliverables still achievable within two months of planned date. Issues encountered but able to handle within the project. Recovery actions being implemented.
Red =	<u>Serious issues impacting progress.</u> Milestones/deliverables not achievable within two months of planned date, or missed and threatening overall success. Support or action required.



Marine Energy in Pembrokeshire could increase and diversify economic activities, raise skill levels, sustain and strengthen local communities and most importantly contribute to the single greatest challenge of our time – **Climate Change**. In addition to the excellent energy resource that Pembrokeshire has to offer, there are a number of other factors that set the area apart from other UK sites and provide an attractive package for potential investors. These include excellent grid connection possibilities, world class research, port facilities and transferable skills, a history of collaborative working in the marine sector and unrivalled data collection.

To drive Pembrokeshire forward as a centre of excellence for Marine Energy a Working Group has been developed and contains members from Welsh Government, The Marine Energy Task Group for Wales, Pembrokeshire County Council, Countryside Council for Wales, Milford Haven Port Authority, Pembrokeshire Coast National Park Authority, The Crown Estate, Tidal Energy Limited, E-ON, Marine Energy Limited, Wave Dragon, Far Offshore Renewables, Marine Power Systems, Pelamis and the Pembrokeshire Coastal Forum.

Members of the Group are self-nominated according to their knowledge, influence, skills and enthusiasm to progress this agenda in Pembrokeshire and their willingness to work together collectively for the benefit of all.

For more information [www.marineenergypembrokeshire.co.uk](http://www.marineenergypembrokeshire.co.uk)

Annual Outputs	Frequency of output	Action by who	Action by when	Status	Comments
Contacts database development	Ongoing	MEP/DJ/TF	When applicable		MEP has developed a Marine Renewable Energy contact database which provides the working group with details of over 300 interested contacts many within the energy sector. This allows the group to keep relevant information flowing. Information is also (when applicable) passed onto the Pembrokeshire Coastal Forum (PCF) contact database (1000 members).
Monthly E-news bulletin	x 12 per annum	MEP/DJ/TF	Monthly		Monthly enews sent to over 1000 contacts (MEP and PCF) and placed on MEP website. Keeps members up to date with Marine renewable energy news on a local and national scale.
Website updating & developing	Ongoing	MEP/DJ	When applicable		<p>Average of almost 1500 Pv per month peaking at 130 per day when linked with email communications. New sections on research with dedicated pages for the Marine Renewable Energy Strategic Framework , The Countryside Council for Wales Natural heritage mapping, The Low Carbon Research Institute and MERG including details on in-depth tidal research at Ramsey, SEACAMS, ORIEN, MAREN etc.</p> <p>These pages are designed to highlight the amount of world class research being carried out in the marine sector in Wales. There are links to further information that can assist potential developers when looking at the region. The website also promotes wider public understanding of the benefits of marine energy and raises awareness of what Pembrokeshire has to offer the marine energy industry. New sections on news and events and a schools page have been added along with an RSS feed.</p>
MEP meetings/follow up actions	X 4 per annum	MEP/DJ/TF	When applicable		<p>In the reporting period 3 full working group meetings have been held. Full details and minutes are available from the members area of the MEP website. Further meetings have been held with WG to discuss funding and Business Plan priorities.</p> <p>Working group meetings have been used to discuss areas of work and potential development barriers that MEP can assist with. Research and consenting were two areas of focus with a research event held in Sept 2011. Further details below. Agreement of work priorities for the Business Plan have also been a key feature in the</p>

					MEP meetings. Specific working group meetings in the past have focussed on grid connection with National Grid and Western Power representatives present, the development of WaveHub with a presentation from Nick Harrington and meetings with the Minister.
MEP Annual Seminar	x 1 per annum	MEP/DJ/TF	March /April 2012		Due to a potential clash (SEACAMS event in N.Wales) and to avoid stakeholder fatigue the MEP Annual Seminar has been rescheduled for April. Final date TBC (awaiting ministerial availability). Depending on project timescales and the seminar date there maybe the opportunity to launch the Crown Estate Strategic Areas work and the Halcrow Study.
Responding to general enquires	Ongoing	DJ/TF	When applicable		General enquires have come from companies wishing to be added to the supply chain, those with a general interest in marine energy and new developers including Pelamis, OWEL, SML Group, Ocean WaveMaster Ltd, Marine Power Systems. A recent request from Transition Bro Gwaun for technical support after interest from Bluetec looking at the feasibility of Strumble head for tidal project.
Represent MEP at conferences & events	X3 per annum	DJ/TF	When applicable		<p>RenewableUK with RPS and MRESF - This provided an excellent platform to highlight Pembrokeshire as a potential for marine energy deployment and the work of MEP. There was a constant flow of interest from a wide range of companies. Working alongside RPS who were displaying the MRESF also proved useful. MEP are now exploring the options of providing developers with easier access to the GIS system.</p> <p>A number of requests for more information were received with particular interest to join the working group from Pelamis, OWEL, and the SML Group. Pelamis have since requested more in-depth wave data for Pembrokeshire which will be provided by LCRI Marine.</p> <p>Low Carbon Research Institute seminar – Again a useful platform to highlight the work of MEP which also provided a request for more information from WaveMaster Ltd. Opportunities for partnership working with the Energy Island in Anglesey were discussed and an invite to an MEP working group meeting was provided to explore further options.</p>

					<p>MEP represented at the European Space Agency workshop to identify funding opportunities for marine energy research.</p> <p>MEP were present at the Tidal Energy Limited public exhibition in St Davids and the Atlantic Array Road show, Cleddau Bridge</p>
Represent MEP on PESWDG	X 4 per annum	DJ/TF	When applicable		MEP have now also joined the Energy Sector Workforce Development Group representing the renewables sector and ensuring that developers can take advantage of the skills training subsidies available through this EU funded Initiative.
Displays / presentations to public	x 4 per annum	DJ/TF	When applicable		MEP displayed at the Fishguard Festival for 3 days during August raising awareness of the group to the general public.
Responding to policy / consultations	Ongoing	MEP/DJ/TF	When applicable		Provided a MEP response to the Energy Policy and Planning in Wales consultation. Response on ROC banding in Jan 2012.
Project Development (funding & finances/annual-quarterly progress reporting/grant claim/Business Plan	Ongoing	MEP/DJ/TF	Ongoing		Confirmed Crown Estate funding over a 3 year period. Still awaiting grant details from WG. Grant claim to follow. Developed 3 year Business Plan with core services outputs and suggested additional areas of action. Business Plan awaiting WG/PCC comments before final agreement.
Research event	X1	MEP/DJ/TF/MAREN	Sept 2011		<p>The meeting was called to provide all with an overview of research in the marine sector in Wales and to discuss how members could possibly engage and steer the project work. It is estimated that £70 million of relevant research is being carried out at present.</p> <p>It was felt that there was a need to re-establish a coordinated Marine Renewable Energy Task Group for Wales, forge strong links with statutory bodies, industry and other research projects and provide a joined up view of academic assistance available. Presentations were given by SEACAMS, ORIEN,LCRI,MAREN,CCW and Plymouth Marine Lab. All presentations are available on the MEP website.</p>
Halcrow Study Stakeholder engagement	X 2 events in year one	MEP/DJ/TF	When applicable		Awaiting direction and timetable from Halcrow.

AM's Event	x 1per annum	MEP/DJ/TF	March 2012		After discussions with WG it has been decided to arrange the proposed AM event in the Senedd until mid 2012.
Fact sheet/Display materials	x 1per annum	MEP/DJ/TF	March 2012		Produced and printed MEP leaflet and distributed at events. Further marketing materials will be developed in early 2012 and it is hoped to provide some co-ordination and consistency in the key messages between MEP, WG and others.
Further work outside of Year 1 core service outputs					Expansion of the working group to include Pelamis, OWEL, SML Group, Ocean WaveMaster Ltd, Marine Power Systems and The Crown Estate.  MEP were present at a PCF schools day working with the Buzz Club to raise awareness of climate change and the importance of marine energy. The day was sponsored by Chevron and included a site visit to St Justinian's with "experts" from Tidal Energy Limited, Marine Energy Pembrokeshire and others.

*Source - Year 1 core service outputs MEP Business Plan 2011-14*