

Pembrokeshire Marine Renewable Energy Industry Seminar

Tuesday 9th February 2010

Technium Pembrokeshire, Pembroke Science and Technology Park,
Pembroke Dock

Aim: To provide greater clarity on the current status and future plans for marine renewables in Pembrokeshire, to seek opportunities for collaboration and to formulate an action plan for taking the industry forward.



Hosted by Welsh Assembly Government



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Pembrokeshire Marine Renewable Energy (MRE) Industry Seminar Programme

09.30 a.m. Coffee and Registration

Session 1

- 10.00 a.m. Welcome & Introduction by** - *Nic Wheeler, Chief Executive, Pembrokeshire Coast National Park Authority (Event Chair) – Tonia Forsyth, Network Manager, Pembrokeshire Coastal Forum*
- 10.10 a.m. Department of Energy and Climate Change (DECC) - UK MRE Strategy & Strategic Environmental Assessment for England & Wales / Marine Renewables Proving Fund** - *Alan Morgan, Policy Manager (Wave & Tidal Technologies), Wave and Tidal Unit Office of Renewable Energy Deployment*
- 10.25 a.m. "Wales - A world leader in low carbon energy production: marine renewables opportunities"** - *Dr Ron Loveland, F. Inst. P., Director Sustainable Energy and Industry Wales, Welsh Assembly Government*
- 10.40 a.m. The Crown Estate - Future Plans for MRE in Wales** - *Dr Dave Tudor, Marine Policy Manager, The Crown Estate*
- 10.50 a.m. Q&A Session 1**

11.05 a.m. Coffee - *Opportunity for informal discussion*

Session 2

- 11.35 a.m. Western Power Distribution - Overview of grid capacity in Pembrokeshire, limitations, future investment, proposals and opportunities** - *Ivor Rogers, Primary System Design*
- 11.45 a.m. Countryside Council for Wales (CCW) - Environmental considerations in developing the MRE sector in Pembrokeshire** - *Dr Kate Smith, Marine Renewables Officer, CCW*
- 11.55 p.m. Milford Haven Port Authority - Infrastructure Support for the MRE Industry in Pembrokeshire** - *Joe Besch, Commercial Director, MHPA*
- 12.05 p.m. Marine Energy Task Group (METG) - MRE research project for the MRE sector** - *Dr Miles Willis, Project Manager, Marine Energy Research Group*
- 12.15 p.m. The European Ocean Energy Association - The perspectives for wave energy as a serious resource of power in Europe** - *Dr Hans Christian Sorenson, Vice President, European Ocean Energy Association*
- 12:30 p.m. Q&A Session 2**

12.45 p.m. Lunch

Session 3

- 1.30 p.m. RPS - Development of a Marine Renewable Energy Strategic Framework for Welsh Waters - Sally Kazer, Senior Consultant**
- 1.50 p.m. Halcrow - Proposed Marine Infrastructure for Pembrokeshire - Sean Matthews, Renewable Energy Engineer**
- 2.00 p.m. Q&A Session 3**
- 2.15 p.m. Open Panel Debate** *Members from the floor to direct questions to the panel with the purpose of providing information on development of the MRE sector and formulation of specific assigned actions to take the industry forward.*
- 3.00 p.m. Summing up & event Chair Closing remarks - Nic Wheeler, Chief Executive, Pembrokeshire Coast National Park authority**
- 3.15 p.m. Event closure**

3.15 p.m. Coffee - Opportunity for informal discussion

WSP Pembroke - The Havens Project Background

Pembroke – The Haven Delivery Group is one of six partnerships across Wales established to implement the Wales Spatial Plan (WSP) within their region. Each Area Group has formulated its own strategy which reflects both the WSP and their local distinctiveness and priorities.

Within Pembroke Haven, a scoping exercise was recently carried out to identify areas of opportunity under one of the Groups key priority areas ‘maximising maritime assets and links to Ireland’. Marine renewables emerged as offering significant potential through creating a new and innovative indigenous sector. Building on the vast knowledge, infrastructure and skills already present, marine renewables could increase and diversify higher value added economic activities, raising skill levels, sustaining and strengthening local communities.

A marine renewables action plan has since been produced which provides an overview of current activities and resources. Research suggests that whilst there is a wealth of activity already underway, the industry would benefit from greater collaboration and co-ordination than at present. A series of actions have been identified that address this need for integration with this seminar acting as a catalyst for this process.

This seminar aims to fulfil two main priorities for development of marine renewables in Pembrokeshire: to provide an overview of what is currently happening within this sector and to formulate a focused and assigned marine renewables action plan with timescales for delivery.



Technium[®]
Pembrokeshire

Technium Pembrokeshire

Pembrokeshire Science and
Technology, Pembroke Dock,
Dyfed SA72 6UN

+44 (0)1646 689200



Directions to the event

By car

From St Clears and M4

From end of the M4, continue on A48 towards Carmarthen. Continue until you reach Carmarthen and follow directions for St Clears. Take the A477 to Pembroke Dock Upon entering Pembroke Dock take the 3rd exit at the roundabout towards the Toll Bridge. (There are a number of SHIPS ANCHORS on the roundabout) At the top of the hill take the 3rd exit at the roundabout. At next roundabout, also take the 3rd exit. The road curves and begins to descend the hill. Technium Pembrokeshire is on the left.

From Haverfordwest

Take the A4076 (following signs towards Milford Haven). At Johnston turn left onto the A477 (sign posted to Pembroke Dock, Neyland and Toll Bridge). Stay on the A477 following the signs towards TOLL BRIDGE. Cross Toll Bridge (toll 75p). Immediately after the toll booths take the first exit at the roundabout. At next roundabout, take the 3rd exit. The road curves and begins to descend the hill. Technium Pembrokeshire is on the left.

Car Parking

The Car Park is at the rear of the building and is open to visitors. (If there is no space in the first small visitor's car park; please buzz at the barrier and you will be allowed access). After parking please walk to the front of the building and enter via the revolving door. Disabled people requiring assistance are advised to buzz at the barrier so that special entry arrangements can be made if required.

By Rail

The nearest rail station is Pembroke Dock, which is approximately 1 mile from Technium. A taxi from the station will cost approximately £2.50. The nearest signed bus stop for the No 356 is on Law street; however, the bus will stop on request outside the station. Take the bus to the Cleddau bridge and walk from there. There is also a station at Haverfordwest, and the No 356 bus can be taken (this coincides with train arrivals in Haverfordwest) from the Train Station.

By Bus

The nearest operational bus stops are at the Cleddau bridge and anyone using public transport to visit Technium will have to walk from there. Neither of these bus stops are marked, but they do exist. The relevant routes are: 349 Haverfordwest - Tenby and Tenby - Haverfordwest. This runs approximately hourly. 356 Monkton - Milford Haven and Milford Haven - Monkton. Also approximately hourly.

Cycling

The Technium is close to the Sustrans trail (a National Network of Cycle paths). Once leaving the actual Sustrans follow directions from the Cleddau Bridge. There is plenty of cycle parking at Technium Pembrokeshire.