

OPEN SESSION CONFERENCE

Tuesday 23rd & Wednesday 24th February 2016

Edinburgh International Conference Centre

DAY 1 – Tuesday 23rd February 2016

TIME / LOCATION	OCEAN ENERGY FORUM CONTENT	PRESENTER
08:45 – 09:30 Atrium	Registration & Networking	
09:30 – 09:45 Sidlaw Room Level 3	Welcome & Introductions	Stijn Billiet, DG Mare
09:45 – 10:00 Sidlaw Room Level 3	Strategic Roadmap overview and update – industry perspective <ul style="list-style-type: none">• Where we are and how we got here• Where we want to be by October 2016	Kieran O'Brien, Carnegie Wave Energy
10:00 – 10:15 Sidlaw Room Level 3	Update on further Roadmap consultation (launched January 2016)	Jon Rees, Cefas
10:15 – 10:30 Sidlaw Room Level 3	Developing and auditing the Roadmap evidence-base With a focus on evidence (e.g. data reports, literature) to support the aims and ambitions of the Strategic Roadmap	Lars Johanning, University of Exeter
10:30 – 10:50	Coffee Break	
10:50 – 11:30 Sidlaw Room Level 3	Forum Chairs' overview of event breakout sessions – plans to progress the Roadmap key recommendations will be outlined <ul style="list-style-type: none">• Enable a packaged approach to finance for individual farms (<i>Key Recommendation 4.3</i>)• Create an EU Insurance Fund to underwrite demonstration projects' risks (<i>Key Recommendation 4.4</i>)• Ocean energy development within the context of Maritime Spatial Planning (<i>Key Recommendation 4.6</i>)• Learning the lessons on environmental monitoring of ocean energy devices (<i>Key Recommendation 4.6</i>)• Guidelines on the implementation of environmental regulations on ocean energy devices (<i>Key Recommendation 4.6</i>)• A European phase-gate technology development process for components and devices (<i>Key Recommendation 4.1</i>)• Collaboration to reduce costs and plan deployment (<i>Key Recommendation 4.5</i>)• Connect the most promising resource to the grid to enable first demonstration farms (<i>Key Recommendation 4.2</i>)	Ocean Energy Forum Steering Committee Chairs



11:30 – 11:45 Sidlaw Room Level 3	Committee of the Regions’ perspective on the Strategic Roadmap “How both Member States and Regions can maximise infrastructure funding for future projects/ programmes thus helping ensure economic and social viability” Mr Rhodri Glyn Thomas (UK/EA), Member of the ENVE Commission of the Committee of the Regions (CoR) and Member of the National Assembly for Wales will outline how the Roadmap is placed in the energy arena.
11:45 – 12:00 Sidlaw Room Level 3	Closing Comments from DG MARE and Fergus Ewing MSP, Minister for Business, Energy & Tourism
12:00 – 12:45 Level -1	Lunch
12:45 – 14:15	Ocean Energy Forum Networking Session ICOE Welcome, Keynote & A1
14:15 – 14:45 Level -1	Coffee Break ICOE P1
14:45 – 16:30 Menteith Room Level -1 ICOE A2 & B2	OEF Session 1 (Roadmap Key Recommendation 4.3) Enable a packaged approach to finance for individual farms (Demonstration and Pre-Commercial) Ocean energy projects are innovative. Uncertainties in installation times or total electricity production mean that a significant level of financial risk remains, preventing access to debt from commercial banks. In Edinburgh, we will discuss proposal options for a model for combining different sources of funding into a single project. Chaired by: Ronnie Quinn (The Crown Estate), Remi Gruet (Ocean Energy Europe), Andrew Smith (Scottish Investment Bank)
16:30 ICOE P2, A3 & B3	Finish

DAY 2 – Wednesday 24th February 2016

TIME / LOCATION	OCEAN ENERGY FORUM CONTENT	TIME / LOCATION	OCEAN ENERGY FORUM CONTENT
08:30 – 09:00 Level -1	Arrival Coffee		
09:00 – 10:30 Lowther Room Level -1 ICOE A4	OEF Session 2 (Roadmap Key Recommendation 4.4) Create an EU Insurance Fund to underwrite demonstration projects’ risks Lack of empirical experience and deployment data results in uncertainties about ocean energy projects’ operation and production. This means that ocean energies bear a higher technological and financial risk compared to more mature energy technologies. In Edinburgh, we will discuss the proposal for a new risk-sharing fund including guidelines on how to establish such a fund. Chaired by: Remi Gruet (Ocean Energy Europe), Michael Bullock (Renewable Risk Advisors Ltd)	09:00 – 09:45 Menteith Room Level -1 ICOE A4	OEF Session 3 Workshop on developing and auditing the Strategic Roadmap evidence-base Generic open-door session prior to 3 separate workshop sessions for the Forum’s workstreams: Environment & Consenting, Finance and Technology. Findings of initial evidence gathering and conclusions to support the aims and the ambitions of the Strategic Roadmap will be presented; with further discussion to allow stakeholders the opportunity to identify any outstanding gaps and suggest additional relevant literature. Presented by: Lars Johanning, Helen Smith, Philipp Thies, University Of Exeter
		09:45 – 10:30 Menteith Room Level -1 ICOE A4	OEF Session 3a Roadmap evidence-base Environment & Consenting Workshop

10:30 – 11:30 Grab & go coffee available			
10:30 – 11:15 Lowther Room Level -1 ICOE A5 & B5	<p>OEF Session 4a (Roadmap Key Recommendation 4.6)</p> <p>Ocean energy development within the context of Maritime Spatial Planning</p> <p>Regulators, and consequently developers, need advice on how devices can be deployed.</p> <p>In Edinburgh, we will develop a proposal to better facilitate sustainable new ocean energy arrays to reduce risks of failed applications, exploring the interaction between existing environmental regulations on national and international levels and EU Directives.</p> <p>Chaired by: Phil Gilmour & David Pratt (Marine Scotland)</p>	10:30 – 11:15 Menteith Room Level -1 ICOE A5 & B5	<p>OEF Session 3b Roadmap evidence-base</p> <p>Developing and auditing the Strategic Roadmap evidence-base</p> <p>Finance Workshop</p>
11:15 – 12:00 Lowther Room Level -1 ICOE P3	<p>OEF Session 4b (Roadmap Key Recommendation 4.6)</p> <p>Learning the lessons on environmental monitoring of ocean energy devices</p> <p>Often environmental licences have associated monitoring conditions. In Edinburgh, we will develop a proposal to consider the best approaches to apply strategic monitoring at the regional scale, to enable regulators to recognise the sensitivity of the area to be developed, and the potential impact risks faced.</p> <p>Chaired by: Phil Gilmour & David Pratt (Marine Scotland)</p>	11:15 – 12:00 Menteith Room Level -1 ICOE P3	<p>OEF Session 3c Roadmap evidence-base</p> <p>Developing and auditing the Strategic Roadmap evidence-base</p> <p>Technology Workshop</p>
12:00 – 12:45 Lowther Room Level -1 ICOE A6, B6, C6	<p>OEF Session 4c (Roadmap Key Recommendation 4.6)</p> <p>Guidelines on the implementation of environmental regulations on ocean energy devices</p> <p>Developers can be faced with multiple environmental regulations with ever-increasing evidence thresholds in order to gain consents/licence(s).</p> <p>In Edinburgh, we will develop a proposal on how to identify best European practice and develop a set of high-level guidelines that the European Commission, Member States and European Regions could use to improve regulatory processes.</p> <p>Chaired by: Phil Gilmour & David Pratt (Marine Scotland)</p>	12:00 – 13:30 Menteith Room Level -1 ICOE A6, B6, C6	<p>OEF Session 5 (Roadmap Key Recommendation 4.1)</p> <p>A European phase-gate technology development process for components and devices</p> <p>To reduce the risk of significant device failures in the demonstration phase, device sub-systems and components should be tested and effectively validated prior to use on full-scale devices.</p> <p>In Edinburgh, we will discuss a proposal for a guide for creation of a new co-operative R&D funding instrument.</p> <p>Chaired by: Fiona Buckley (ENGIE) & Jacopo Moccia (Ocean Energy Europe)</p>
12:45 – 13:30 Lowther Room Level -1 ICOE A6, B6, C6	<p>OEF Session 4d</p> <p>US regulatory process and analyses thereof plus international standards beyond EU frameworks</p> <p>Short presentation and discussion on international efforts to standardise consenting frameworks.</p> <p>Presented by: Samantha Eaves (US Department of Energy)</p>		
13:30 – 14:45 Lunch ICOE P4			





	<p>14:45 – 16:00 Menteith Room Level -1 ICOE A7, B7, C7</p>	<p>OEF Session 6 (Roadmap Key Recommendation 4.5) Collaboration to reduce costs and plan deployment</p> <p>Industrial roll-out enables a shift from investment support to revenue support. In Edinburgh, we will discuss options to derive a contract structure model (risk options, strategies, best practice codes etc.) and how to develop new mechanisms for co-operation between the ocean energy and banking sectors.</p> <p>Chaired by: Tony Lewis (University College Cork) including representatives from relevant projects</p>
<p>16:00 – 16:30 Break ICOE P5</p>		
	<p>16:30 – 17:30 Menteith Room Level -1 ICOE A8, B8</p>	<p>OEF Session 7 (Roadmap Key Recommendation 4.2) Connect the most promising resource to the grid to enable first demonstration farms</p> <p>Removing prohibitive grid costs and thus lowering total capital costs of projects makes them easier to finance. In Edinburgh, we will discuss:</p> <ol style="list-style-type: none"> 1. Existing sites – lessons learned and recommendations; 2. MW of grid connection needed for wave and tidal; 3. Used/needed support mechanisms to facilitate installation and grid investment and streamlining funding. <p>Chaired by: Simon Cheeseman (ORE Catapult) including representatives from DCNS, Sabella and EDF Energy</p>
<p>17:30 End of OEF Event</p>		

The Ocean Energy Forum was created by the European Commission in 2014. It provides a meeting place for industry, the public sector and NGOs to discuss how to overcome challenges to the development of the ocean energy sector by providing solutions (Key Recommendations) to help it on the path to full-scale commercialisation.

The Forum consists of three work-stream Steering Committees allowing discussion at topic level – Finance, Technology and Environment & Consenting. The Forum is supported by a Secretariat. The work of the Forum will result in the production of a Strategic Roadmap, building on European leadership in ocean energy to develop technology for Europe's power demand over the next 35 years. The Draft Strategic Roadmap was published in October 2015 with the final Roadmap due to be presented early November 2016.

This event will focus on developing action plans for the Roadmap's key recommendations. You should attend if you wish to be at the heart of inputting to R&D priorities and policy recommendations for the ocean energy sector.