

UNLOCKING THE POTENTIAL OF OCEAN ENERGY AROUND THE GLOBE

01 - 02 October 2019

Venue: Convention Centre Dublin
Dublin, Ireland

In partnership with Ocean Energy Europe, the International Renewable Energy Agency's event 'Unlocking the potential of Ocean Energy around the Globe' will complement and continue the OEE2019 programme. The event will provide a global perspective on the state of the technology in a variety of potential markets and will discuss what enabling frameworks are needed to accelerate the commercial deployment of this renewable technology.

Applications on Small Islands Developing States (SIDS) will be one of the areas of focus, featuring country case studies about prior and current endeavours pursued in this niche market. The event will discuss solutions to technical challenges and showcase innovative business models around the world, including sector-coupling opportunities.

Tuesday 01 October

Time	Sessions
14:30 - 15:00	<p>Opening session: Setting the scene session - Discusses the current global energy landscape and how ocean energy can fit into it, the timeline for its widespread adoption, its technological readiness, and the challenges it needs to overcome to mainstream its usage.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Roland Roesch, IITC Deputy Director (IRENA) • Eamonn Confrey, Principal Officer, Department of Communications, Climate Action & Environment (Ireland) • Quentin Perret, Chargé de mission internationale (Ministry for the Ecological and Solidary Transition – France) • Remi Gruet, CEO (Ocean Energy Europe) • Henry Jeffrey, Executive Chair (IEA-OES)
15:00 – 16:10	<p>Ocean energy potential in Islands In the context of the SIDS Lighthouse Initiative, the session will focus in presenting the opportunities and benefits that ocean energy can bring to islands in terms of diversifying the energy generation mix, provision of firm capacity to support the integration of variable renewable energy, as well as tackling other standing challenges faced by islands.</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Roland Roesch, IITC Deputy Director (IRENA) <p>Speakers:</p> <ul style="list-style-type: none"> • Ana Brito e Melo, Executive Secretary (IEA-OES) • Ryan Cobb, Energy Director (Ministry of The Public Service, Energy and Public Utilities - Belize) • Deepak Chand, Deputy Director Energy (Department of Energy, Mineral Resources – Fiji) • Albert Binger, Secretary-General (SIDS DOCK) • Adrien Lauranceau-Moineau, Team Leader (Pacific Community) • Matthijs Soede, Research Programme Officer (European Commission DG RTD)
16:10 - 16:30	Coffee break
16:30- 17:30	<p>Innovative OE designs for islands Primarily led by industries involved in the manufacturing and testing of ocean energy devices, the session will focus in presenting the latest technologies, project designs and applications with the potential to become ground breaking opportunities in islands.</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Paul Durrant, Programme Officer – Renewable Energy Innovation (IRENA) <p>Speakers:</p> <ul style="list-style-type: none"> • Jin-Hak Yi, Principal Researcher (Korea Institute of Ocean Science and Technology – Republic of Korea), and IEA-OES Delegate • Francisco Garcia Lorenzo, CEO (Wedge Global – Canary Islands, Spain) • Rodolfo Silva Casarin, Technical Director (CEMIE-Océano – Mexico) and IEA-OES Delegate • Audrie Jordan, Commercial Director (Geps Techno – France) • Ian Hutchison, Managing Director (Oceantera – Philippines)

Wednesday 02 October

Time	Sessions
08:30 - 09:00	<i>Welcome coffee</i>
09:00 – 10:15	<p>Ocean energy uptake: Solutions to technical challenges Explores multiple pathways that can contribute to accelerate the deployment of ocean energy technologies, such as resource mapping and assessment, environmental impact assessment, risk analysis, international standardisation, technology resiliency, technology readiness, among others.</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Donagh Cagney, Policy Director (Ocean Energy Europe) <p>Speakers:</p> <ul style="list-style-type: none"> • Alessandra Salgado, Associate Programme Officer – Quality Assurance & Innovation (IRENA) • Yann-Hervé De Roeck, Executive Director (France Energy Marines) / Vice-chair (IEA-OES) • Gianmaria Sannino, Head of the Climate Modelling Laboratory and Impacts (ENEA - Italy) • Sean Barrett, CEO (BME Consulting – Ireland) • Nicolas Lariviere-Gillet, Chair of French National Committee (IEC TC 114) • Philipp Sinn, CEO (SINN Power – Germany)
10:15 - 10:35	<i>Coffee break</i>
10:35 - 11:50	<p>Innovative business models and sector coupling Discusses emerging business models in ocean energy technologies and provides insights on sector coupling with areas like desalination, energy cooling systems and aquaculture.</p> <p>Moderators:</p> <ul style="list-style-type: none"> • Paul Durrant, Programme Officer – Renewable Energy Innovation (IRENA) <p>Speakers:</p> <ul style="list-style-type: none"> • Bill Staby, CEO (Resolute Marine Energy – USA) • Nicolas Wallet, Programme Manager (European Marine Energy Centre) • Masanori Kobayashi – Senior Researcher (Japanese Ocean Policy Research Institute – Japan) • Julien Blanc, VP Business Development (Bardot Ocean – France) • Audrie Jordan, Commercial Director (Geps Techno – France)
11:50 - 13:00	Lunch break
13:00 – 14:30	<p>Round table: Action plan</p> <p>The key aim of this session is to get consensus in terms of the next immediate actions that need to be taken to foster the commercial roll-out of ocean energy technologies.</p> <p>This final session will feature a panel of experts whom together and based on their areas of expertise will summarise the key findings and conclusions of this three-day conference.</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Roland Roesch, IITC Deputy Director (IRENA) <p>Panel:</p> <ul style="list-style-type: none"> • Remi Gruet, CEO (Ocean Energy Europe) • Srikanth Narasimalu, Programme Director (Nanyang Technological University – Singapore) • Yann-Hervé De Roeck, Executive Director (France Energy Marines) / Vice-chair (IEA-OES) • Lui Naisara, Deputy Secretary of Transport & Energy (Ministry of Infrastructure, Transport, Disaster Management & Meteorological Services – Fiji) • Britta Schaffmeister, Director (Dutch Marine Energy Centre – Netherlands) • Adrien Lauranceau-Moineau, Team Leader (Pacific Community) • Albert Binger, Secretary-General (SIDS DOCK)
14:30-15:00	<p>Workshop wrap-up and closing remarks</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Roland Roesch, IITC Deputy Director (IRENA)