



R&I Workshop: Design and validation of wave and tidal energy systems

3 December 2020
11.15 am - 12.45 pm CET

This workshop features best practices and lessons learnt in specific research and innovation (R&I) topics for ocean energy development. Three parallel Breakout Sessions will give you the opportunity to share experiences in your area of expertise and identify common research interests – and perhaps find your next project partners! The Breakout Sessions focus on wave energy, tidal stream and tech-neutral reliability.

Join the ETIP Ocean R&I Workshop and discuss all things R&I with other ocean energy professionals!

11:15-11:20	Welcome and introduction
11:20-11:30	Presentation of the Strategic Research & Innovation Agenda
11:30-12:10	Breakout Sessions: <ol style="list-style-type: none">1. Wave – improvement of PTO and control systems2. Tidal – improvement of blades and rotors3. System Reliability in the Offshore Environment
12:10-12:20	Return to the main session & update from the European Commission – <i>Matthijs Soede, DG RTD</i>
12:20-12:35	Summary of findings from the Breakout Sessions
12:35-12:45	Conclusions



Breakout Session panellists:

Wave – improvement of PTO and control systems

- *Moderators:* Jonathan Hodhes, Wave Energy Scotland and Lotta Pirttimaa, Ocean Energy Europe
- Francisco Garcia, WEDGE Global
- Luca Castellini, UMBRA Group
- Jussi Åkerberg, AW-Energy
- Chris Retzler, Mocean Energy
- Guang Li, Queen Mary University

Tidal – improvement of blades and rotors

- *Moderators:* Shona Pennock and Charlotte Cochrane, University of Edinburgh
- Robert Bray, SIMEC Atlantis
- Loïc Piriou, Sabella
- Ralf Starzmann, Sustainable Marine Energy
- Conchúr O'Bradaigh, FASTBLADE

System Reliability in the Offshore Environment

- *Moderators:* Jose Luis Villate and Pablo Ruiz-Minguela, Tecnalia
- Johannes Hüffmeier, RISE
- Michael Henriksen, WavePiston
- Erwann Nicolas, Sabella
- Baptiste Chambon, BV
- Patxi Etxaniz, IDOM
- Michael Baumann, SKF