

TUESDAY - JUNE 12TH

9:00 am - 12:30 pm	Les Assises des Energies Marines Renouvelables - French Trade Association for Renewable Energies (SER)		
9:00 - 9:15 am	WELCOME INTRODUCTION		
9:20 am - 10:35 am	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Metrics: showing what we can do Chair: Simon Robertson , Research Associate, Edinburgh University Jillian Henderson , Research Engineer, Wave Energy Scotland Vincent Gourmel , Naval Energies: Lifecycle simulation tool and integrated approach to assess and optimize the performance of a tidal farm Ralf Starzmann , Sales Director and Head of Hydrodynamics, Schottel Hydro: Power Performance Assessment of Individual Turbines on a Multi-Turbine Floating Tidal Energy Platform Jochem Weber , Chief Engineer of the Water Power Program, National Renewable Energies Laboratory: Fundamental Requirements for the Formulation of Metrics Wave Energy Technology Development Miguel Santos-Herran , Research Associate, University of Edinburgh : Techno-economic assessment of submerged wave energy converter based on Dielectric Elastomer Generator	UNDERWATER Operating in the cruel sea: Learning and Planning Chair: John Huckerby , Director, Power Projects Ltd Jason Schofield , CEO, Green Marine UK: O&M in the Wave & Tidal Sector Diane Dhomé , Project Manager, Sabella: Performing marine operations in strong current areas effectively Borja de Miguel , Head of Technology Development, Oceantec Energias Marinas: OPERATING EXPERIENCE OF MARMOK-A-5 OWC WAVE ENERGY CONVERTER AT BIMEP Irina Temiz , Senior Lecturer, Uppsala University: Experience from offshore operations within the CEFOW project	Les Assises des Energies Marines Renouvelables
10:35 am - 11:00 am	COFFEE BREAK		
11:00 am - 12:30 pm	MARKETS & OPPORTUNITIES Technologies Road to Market Chair: Matthijs Soede , Research Programme Officer, European Commission Gavin McPherson , Head of Policy and Research, Nova Innovation: Small is beautiful: lessons from onshore wind for ocean energy Tim Mundon , Chief Engineer, Oscilla power Marcelle Askew , VP Communications and Special Projects, Seabased Luca Castellini , Energy R&D and BD Manager, UMBRA: A technology transfer case study from aerospace to oceans Declan Meally , Head of Department - Emerging Sectors, Sustainable Energy Authority of Ireland	UNDERWATER Operating in the cruel sea: Installing, Inspecting & Maintaining Chair: Diane Dhomé , Project Manager, Sabella Jason Hayman , Managing Director, Sustainable Marine Energy Ltd: Development of PLAT-I for South East Asian market Izan Le Crom , Engineer, SEM REV: Feedbacks from procurement and installation phases of subsea cabling systems for Marine Renewables Energies Andrew Scott , CEO, Scotrenewables: Enabling low cost floating tidal energy Pascal Delaveau , Technical Inspector, Sofimar: Return of incurred loss experience Yves Chardard , CEO, SubSea Tech: SeaCAT : an integrated solution for unmanned inspection of offshore wind farms	Les Assises des Energies Marines Renouvelables
12:30 pm - 1:45 pm	LUNCH		
1:15 pm - 1:45 pm	POSTER SESSION		
1:45 pm - 3:15 pm	PLENARY SESSION - OPENING CEREMONY Keynote: Béatrice Buffon , Executive Vice President of Renewable Marine Energies, EDF-EN Keynote: Sébastien Lecornu , Minister of State, attached to the Ministre d'État, Minister for the Ecological and Inclusive Transition (TBC) Normandy welcomes ocean energy: Hubert Dejean de la Batie , Vice-President of the Region; Marc Lefèvre , President of La Manche Department; Jean-Louis Valentin , President of the urban community of Cotentin; Benoît Arrivé , Mayor of Cherbourg International support to the sector: Ken Takagi, Professor at Tokyo University (Japan); Paul Wheelhouse, Minister for Business, Innovation and Energy (Scotland - TBC); Minister James Carr, Natural Resources (Canada - TBC); Senator Kevin Ranker (Washington, TBC) and Senator Arnie Roblan (Oregon) Presentation of the program of the conference and business events: Henry Jeffrey , President of OES, Amandine Volard , ICOE2018 Program Manager, Marc Lafosse , President of BlueSign		
3:25 pm - 4:40 pm	MARKETS & OPPORTUNITIES Uptake from regions - Europe Chair: Rémi Gruet , CEO, Ocean Energy Europe David Langstone , Programme Manager, Wave Energy Scotland: The Scottish Dimension Hakim Mouslim , CEO, INNOSEA: Appropriate size and timing for first tidal commercial farms: how might France take the lead of the tidal energy industry Davide Magagna , Scientific Officer, Joint Research Center: Cost-targets and deployment scenarios of wave and tidal energy in Europe David Jones , CEO, Marine Energy Wales: Wales - a growing marine energy region	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: Finding and designing a site Chair: John Huckerby , Director, Power Projects Ltd Zhaoqing Yang , Chief Scientist, Pacific Northwest National Laboratory: Analysis of Wave Energy Resource in The Nearshore Region of US West Coast Emmanuel Poizot , Geosciences Engineer, University of Caen: Vertical Microstructure Profiler for turbulence characterisation in EMR sites Sean Ferguson , Research Council Officer, National Research Council of Canada: Development of an interactive web-based decision support system to facilitate marine renewable energy site selection	UNDERWATER Risk reduction: Lessons learnt Chair: Laurent Smaghe , Industry relations manager, EDF-EN Jean Charvet , Project Manager, RTE: Best practices to reduce risk of failure and time for repairing submarine power cables Russell Dmytriw , Director of Research, Offshore Energy Research Association of Nova Scotia: Ten Years of Risk Reduction in Tidal Energy: Application of Lesson Learned in Nova Scotia Pablo Ruiz-Minguela , Head of Wave Energy, Tecnalia: Open Sea Operating Experience to Avoid Repeating Early Engineering Mistakes in Wave Energy François Renelie , Deputy Director of the industrial & services business unit, BESSE: A competitiveness tool often forgotten: insurance / Un outil de compétitivité souvent oublié: l'assurance
4:40 pm - 5:05pm	COFFEE BREAK		
5:05 pm - 6:30 pm	MARKETS & OPPORTUNITIES Uptake from regions - Americas and Asia Chair: Declan Meally , Head of Department - Emerging Sectors, Sustainable Energy Authority of Ireland Craig Chandler , President, Mersey Consulting Ltd: The Canadian MRE Regulatory Environment: Practical Lessons from a Developer's Perspective Narasimalu Srikanth , Program Director, Nanyang Technological University: Ocean energy: A Crucial Element in Blue Economy Initiatives Towards Regional Growth Sankhadeep Chakraborty , Senior Analyst, Black & Veatch and NagaSureshKumar Yadavalli , Asset Management, Mytrah Energy: Review of Global Ocean energy Policies; lessons for India	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: How best to perform environmental assessments Chair: Andrea Copping , Program Manager, Pacific Northwest National Laboratory Gareth Davies , Managing Director, Aquatera Diane Dhomé , Project Manager, SABELLA: Performing good environmental impacts assessment and reaching strong social acceptance for tidal energy projects Tianna Bloise , Research Associate in Marine Energy, University of Edinburgh: The right way to do Life-Cycle Assessment (LCA) on Marine Energy Sector	UNDERWATER Risk reduction: Towards more reliability Chair: José Joaquín Hernández Brito , COO, PLOCAN Johannes Hüffmeier , Senior Project Manager, Research Institute of Sweden: RiaSoR 2: Reliability in a Sea of Risk & Dynamic Cable Design, Reliability and Efficiency Gregory Pinon , Associate Professor, University of Le Havre : MONITOR, an Interreg program dedicated to the improvement of reliability of tidal energy devices. Andrew Cornett , National Research Council of Canada, Assessment of Debris Mitigation Systems for Tidal and River Turbines

<p>Marco Sepulveda, Project Manager, MERIC: Levelized Cost of Energy study for Marine Energy Chilean value chain assessment</p> <p>Alejandro Moreno, Director, Water Power Technologies Office U.S. Department of Energy</p>	<p>Ann Dallman, Senior R&D Engineer, SANDIA National Laboratories; Sea state characterization for environmental risk assessment using hydrodynamic modeling</p> <p>Liz Foubister, Specialist, XODUS GROUP, Monitoring the environmental interactions of marine energy devices</p>	<p>Vincent Neary, MHK Lead for the Water Power Technologies Program, SANDIA National Laboratories: Long-term load responses of a two-body point absorber in extreme seas</p> <p>Jean-François Filipot, Scientific Director, France Energies Marines: The DiMe project : improving extreme sea states and wave breaking characterization for the extreme design of MRE systems</p>
<p>Markets & opportunities</p>	<p>Technics supporting ocean energy uptake</p>	<p>Underwater</p>

WEDNESDAY - JUNE 13TH			
8:30 am - 8:50 am	WELCOME COFFEE		
8:50 am - 10:05 am	FLAGSHIP FROM INTERNATIONAL PROJECTS Chair: Henry Jeffrey , President of OES Jean-Christophe Allo , Commercial Director, Sabella Tuula Maki , Product quality and Certification Manager, AW Energy Ali Peckan , Automation & Systems Engineer, Wello Oy David Taaffe , MeyGen Project Director, Atlantis		
10:05 am - 10:30 am	COFFEE BREAK		
10:30 am - 11:45 am	MARKETS & OPPORTUNITIES Let's work together in France Chairs: Frédéric Lelarge , Industrial Manager, OpenHydro France Nicolas Picard , Offshore Wind HR, EDF-EN Sylvain Guillou , Professor, University of Caen: Turbulence characterization at the Raz Blanchard tidal energy site. First results of the ANR-FEM project THYMOTE Frédéric Lelarge , Industrial Manager, OpenHydro France - Insight on Normandie Hydro Romain Perrouault , Project Manager & Fabrice Pérez , Assistant Project Manager, Enedis - Connecting a tidal pilot farm the French grid	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: Interactions with the ocean world Chair: Arturo Troncoso , President, ADEMAR Achraf Drira , R&D Engineer, SINAY: Development of the submarine impulse noise register with propagation models for new and more significant indicators Emeline Pettex , Marine Biologist, Cohabys (Adera): Assessing consequences of acoustic disturbance on marine mammals: a decision-making tool for offshore windfarm mitigation. Cyril Giry , Oceanographer, Energie de la Lune: Underwater sound on wave & tidal test sites: improving knowledge of acoustic impact of Marine Energy Convertors Bastien Taormina , PhD, France Energies Marines / IFREMER: Utilisation of underwater imagery to characterise the reef effect caused by submarine power cables	UNDERWATER Technologies getting wet: Tidal Chair: Yann-Hervé De Roeck , Managing Director, France Energies Marines Jean-François Simon , CEO, Hydroquest: Oceanquest: tidal turbine with double counter-rotating vertical axis Martin Edlund , CEO, Minesto: Producing affordable, renewable baseload power by flying subsea kites: Lesson learned from developing a novel marine energy converter adapted for low-flow streams André Pacheco , coordinator of the Marine Offshore Renewable Energy Team, University of Algarve: Lessons learned from E1 Evopod Tidal Energy Converter deployment at Ria Formosa, Portugal Pablo Mansilla , Manager, Magallanes: FIRST FULL SCALE TESTS OF THE FLOATING TIDAL PLATFORM MANUFACTURED BY MAGALLANES
11:55 am - 1:00 pm	MARKETS & OPPORTUNITIES Let's work together in Canada Chair: Elisa Obermann , Executive Director, Marine Renewables Canada Sandra Farwell , Director, Sustainable & Renewable Energy, Nova Scotia: Creating Regulatory Certainty: A Pathway to Success in Nova Scotia, Canada Andrew Younger , Author, public speaker & consultant: Public Engagement: A Toolkit for Achieving Strong Social License and Community Support Peter Huttges , Coastal Business Manager, Irving Shipbuilding Tony Wright , General Manager, Fundy FORCE: Tidal Energy Demonstration in Nova Scotia's Bay of Fundy	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Big Data & Knowledge Management - Part 1 Chair: Paul Griffiths , Professor of Finance, EMNormandie Jon Lekube , Project Engineer, Basque Energy Agency: Big Data Management at Mutriku Wave Power Plant Nathalie Almonacid , MRE Guidelines and Transfer of Technology Coordinator, MERIC: Interactive map for MRE in Chile, a necessary tool for project development. Alessio Maglio , Project Manager, SINAY - The AIMS ocean Big-Data platform	
12:00 - 1:30 pm	LUNCH		
1:00 pm - 1:30pm	POSTER SESSION		
1:30 pm - 3:00 pm	MARKETS & OPPORTUNITIES Solutions for remote areas Chair: Ravindran Pallaniappan , Program Manager, ClassNK Narasimalu Srikanth , Professor, NTU: Hybrid Renewables Towards Energy Needs of Islands Neil Kermod , Managing Director, EMEC: Joining the dots – from tidal energy to a hydrogen economy Jon Hardwick , Associate Research Fellow, University of Exeter: Assessing the integration of intermittent tidal energy into a renewable energy solution for a remote island community James Donegan , Director of European Operations and Lead Electrical Engineer, Ocean Renewable Power Company: Early Adopter Market of Diesel Microgrid for ORPC's RivGen® Power System Blandine Battaglia , Project Engineer, Sabella: Pioneering tidal in stream project in San Bernardino Strait, Philippines	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Gear them up Chair: Pablo Ruiz Minguela , Head of Wave Energy, Tecnalia Maxime Bellorge , Project Sales Director, Akrocean: Ocean Data As a service Simon Cheeseman , Wave & Tidal Energy Specialist, ORE Catapult: Robotics & Artificial Intelligence to reduce costs of Operations & Maintenance Encarni Medina-Lopez , Research Associate, University of Edinburgh: Application of DTOcean tools to the EnFAIT project Foad Zahedi , General Manager, Jifmar Offshore Services	UNDERWATER Technologies getting wet, corroded and colonized Chair: Anne-Marie Grolleau , Naval Group Research Leonore Van Velzen , Research Associate, University of Edinburgh: Economic Opportunity Assessment of Anti-Corrosion Solutions for the Offshore Renewables Sector Pedro Vinagre , Research and Project Manager, WavEC: Database on biofouling characterisation for the ocean energy sector: a preliminary version Andrew Want , Research Associate, Heriot-Watt University: BioFREE: an international collaboration to assess the impacts of biofouling on the marine renewable energy industry Nolwenn Quillien , Research Fellow, France Energies Marines: Biofouling: a topic that results in the development of interdisciplinary teamwork skills for Marine Renewable Energies Cathy Frost , ALOCIT INTERNATIONAL LIMITED & A&E SYSTEMS LTD: Using Thermoplastics for Infrastructure Protection in Marine and other Challenging Environments
3:10 pm - 4:25 pm	MARKETS & OPPORTUNITIES Building the blocks of investability: Funding leverages and opportunities Chair: Chris Campbell , Strategic Advisor, Marine Renewables Canada Joao Cruz , Founder, Cruz Atcheson Consulting Engineers: Am I Investable? Nicolas Wallet , EU Programme Manager, EMEC: FORESEA and the funding jigsaw for technology deployment Andrew Smith , CEO, Déjà Blue Consulting Tim Ramsey , Project Officer, US Department of Energy Simon Robertson , Research Associate, Edinburgh University: Innovation policy pathways for the commercialisation of marine energy	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Plug them in Chair: Hamid Gualous , Director of the LUSAC laboratory, University of Caen Ibon Larrea , Industrial Engineer, DITREL: KONEKTA2: Open sea testing experience of an electrical connector for ocean energy devices Paulo Chainho , Project Manager, WavEC: Dynamic cable design tools for Ocean Energy Convertors Romain Migne , Project Manager, RTE: RTE's ongoing R&D work to implement what would be a technological breakthrough to connect tidal energy & floating wind farms : a High Voltage Subsea Substation	UNDERWATER Technologies getting wet: Wave (part 1) Chair: Yago Torre-Enciso , Technical Director, BIMEP Luis Gato , Associate Professor, University of Lisbon: Test Results of a 30 kW Self-rectifying Biradial Air Turbine-Generator Prototype Andrés Sánchez Nieto , Researcher, Wedge Global: Improving W1 Jon Lekube , Project Engineer, Basque Energy Agency: Fatigue and Aerodynamic Loss in Well Turbines: Mutriku Wave Power Plant Case
4:25 pm - 4:45 pm	COFFEE BREAK		
4:45 pm - 6:00 pm	MARKETS & OPPORTUNITIES Building the blocks of investability: Rising the level of confidence Chair: Jonathan Colby , chair of IEC TC114 Peter Scheijgrond , Ocean Energy Specialist, Dutch Marine Energy: Advancing IEC standardization and certification for tidal energy convertors Olivier Benyessaad , Subsea and Ocean Energy Market Leader and Nicolas Larivière-Gillet , Marine Renewable Energy Engineer, Bureau Veritas: Certification Schemes for Marine Renewable Energy Technologies & Tidal & River Energy Converters Power Curve Assessment: a standard protocol derived from IEC 62600 - 200 Guy Raymond , Project Manager, Atlantis Resources Ltd David Crooks , Research Associate, University of Edinburgh: How sensitive is WEC LCOE to key project decisions?	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Turn them on Chair: AbuBakr S. Bahaj , Professor, University of Southampton (TBC) Nick Baker , Senior Lecturer, Electrical Power Research Group, Newcastle University: All Electric Drivetrain for Wave Energy Convertors & C-GEN, a Direct Drive Generator for Marine Renewables Frederic Mosca , CEO, Pytheas Technology: Innovative modular piezoelectric Power Take Off for renewable energies Francisco Garcia Lorenzo , CEO, Wedge Global: SEA-TITAN: Surging energy absorption through increasing thrust and efficiency	UNDERWATER Technologies getting wet: Wave (part 2) Chair: Ana Brito e Melo , Executive Director, WavEC Patrik Möller , CEO, CorPower Ocean: High efficiency wave technology - The Power of Resonance Michael Henriksen , CEO & Martin von Bülow , CTO, Waveston: Experience and results from the Waveston Prototype in the North Sea Tom Denniss , CEO, Wave Swell Energy: Comparison of the LCOE of a Unidirectional OWC Technology in Different Water Depths

Markets & opportunities

Technics supporting ocean energy uptake

Underwater

THURSDAY - JUNE 14TH			
8:30 am - 8:50 am	WELCOME COFFEE		
8:50 am - 10:05 am	THE FUTURE OF THE INDUSTRY Keynote : Karmenu Vella , European Commissioner for Maritime Affairs and Fisheries Keynote : Hervé Morin , President of Normandy Region Chair : Jose Luis Villate , Offshore Renewable Energy Director, TECNALIA Drew Blaxland , Director of Turbines and Engineering, Atlantis Laurent Schneider-Maunoury , CEO, Naval Energies Jan Vandenbroeck , Resident Manager France, DEME + EDF-EN (to be confirmed)		
10:05 am - 10:30 am	COFFEE BREAK		
10:30 am - 11:45 am	MARKETS & OPPORTUNITIES Building the blocks of investability: market supports Chair: Bruce Cameron , Principal Consultant and Founder, Envigour Policy Consulting Michael Abundo , Director, OceanPixel Bruce Cameron , Envigour Policy Consulting, Mark Leybourne , Associate Director, ITPEngrised Panel Discussion: Tom Walsh , Head of Policy and Regulatory Affairs, Atlantis Resources Limited Jason Hayman , Managing Director, Sustainable Marine Energy Ltd Emmanuel Brochard , VP Business Development Europe & Caribbean, Naval Energies	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Build them up Chair: Grégory Pinon , Associate Professor, University of Le Havre Per Salomonsson , Senior Consultant, Midroc Project Management & Ana Novak Zdravkovic , Project Manager, Engie Laborelec: Concept array design for tidal kite power generators Cristian Escauriaza , Principal Investigator, MERIC: Numerical Simulations and Experiments of Wake Interactions in Tidal Turbines Dean Steinke , Co-Founder & CEO, Dynamic Systems Analysis Ltd, Understanding the potential for VIV of cables and moorings in tidal environments Felix Gorintin , Head of MRE Market Advisory and Strategy, INNOSEA: Probabilistic approach and tool validation for tidal commercial scale O&M	UNDERWATER Updates from test sites Chair: Oliver Wragg , Commercial Director, EMEC Burke Hales , Project PI, Northwest National Marine Energy Centre: Introducing the Pacific Marine Energy Center's Wave Energy Test Site Marlène Kiersnowski , Development Manager, SEENEOH Tidal Test Site: a feedback from SEENEOH tidal test site after its first year of operation Yago Torre-Enciso , Technical Director, BIMEP: Good practices to apply when preparing sea trials under the test site perspective Patrick Cross , Program Manager, Hawai Natural Energy Institute: Update from the U.S Navy Wave Energy Test Site – Projects in the Water
11:55 am - 1:00 pm	MARKETS & OPPORTUNITIES The future of WEC Chair: Gaële Perret , Associate Professor, University of Le Havre Remy Pascal , Project Manager, INNOSEA: The right size for a WEC: a study on the consequences of the primary WEC design choice. Erik Friis-Madsen , CEO, Wave Dragon: "Small is beautiful" - but will small WECs ever become commercial? Anna Garcia-Teruel , PhD, University of Edinburgh: Wave Energy Converter geometry design for reduced LCOE Ambroise Wattez , Business Development Manager, SBM Offshore: The future of wave energy is flexible with distributed PTO – or how to get below 50€/MWh	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Big Data & Knowledge Management - Part 2 Chair: Regis Leng , Monitoring & IoT Program Manager, RTE Andrea Copping , Program Manager, Pacific Northwest National Laboratory: Potential Environmental Effects of Marine Renewable Energy Devices: Progressing through Data Transferability and Data Collection Consistency Gerry Sutton , Senior Research Fellow, MaREI: MARINERG-i : Uniting Test Centers to Achieve Common Goals in the Development of Offshore Renewable Energy Sheila Paterson , COO, Centre for Ocean Venture and Entrepreneurship: Ocean Technology Solutions for Ocean Energy, Finding Common Ground in the Learnings and Challenges Faced across all Ocean Industries Paul Griffiths , Professor of Finance, EMNormandie: Marine Energy Knowledge Network: Propelling Marine Energy to the next level	UNDERWATER Combining Solutions for a Wider Market Chair: Marc Le Boulluc , Engineer, Ifremer Edwin Schouten , Managing Director, Blue Motion Energy: Blue Motion Energy: Energy from waves, tides and wind with one turbine Gordon Dalton , Economics Engineer Marine Ocean Renewable Energy, MaREI: Techno-economic assessment of 3 Maribe BlueGrowth multiple-use of space and multi-use platform projects Jean-Luc Longeroche , CEO, GEPS Techno: Multi-energy platforms and upcoming projects
	Markets & opportunities	Technics supporting ocean energy uptake	Underwater
1:10 pm - 1:30 pm	CLOSURE Ocean Energy Systems: Poster Prize award ICOE2018's Executive Committee & Bluesign: Wrap up and closure		
2:30 pm-5:30 pm	TECHNICAL VISITS Port of Cherbourg, infrastructures and factories: LM Wind (presentation at the "Belevedere"); CMN (short presentation + visit of the shipyard); Naval (presentation of the processes in the factory + presentation of a turbine) Baie d'Ecalgrain with Enedis & MRCC Jobourg: Participants will get the opportunity to go to the area where cables will be landed and to have an insight on how works will be conducted and how the social acceptance of this project in a very sensitive environment has been successful. An application loaded on tablets and masks will show the different works that will be conducted on site, from the tidal farm to the electrical transformer station. Participants of this technical visit will also get the opportunity to go to the Jobourg Maritime Rescue Coordination Center (MRCC)		