

9:00 am - 12:30 pm		Assises des Energies Marines Renouvelables - French Syndicate for Renewable Energy	
9:00 - 9:30 am		OPENING - AUDITORIUM 1	
9:40 am - 10:55 am	MARKETS & OPPORTUNITIES Metrics: showing what we can do (to be confirmed) Chair: Simon Robertson, Research Associate, Edinburgh University Gautier Maigret , 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	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Operating in the cruel sea: Learning and Planning (to be confirmed) Chair: to be confirmed Jason Schofield , CEO, Green Marine UK: O&M in the Wave & Tidal Sector Diane Dhomé , 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 , Uppsala University: Experience from offshore operations within the CEFOW project	Les Assises du SER
10:55 am - 11:20 am		COFFEE BREAK	
11:20 am - 12:50 pm	MARKETS & OPPORTUNITIES Technology transfer and market strategies (to be confirmed) Chair: to be confirmed Gavin McPherson , Head of Policy and Research, Nova Innovation: Small is beautiful: lessons from onshore wind for ocean energy Siemens - technology transfer - from innovation to commercialization Oscilla power	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Operating in the cruel sea: Installing, inspecting & maintaining (to be confirmed) Chair: to be confirmed Jacques Calluud , Project Manager, Sustainable Marine: Development of PLAT-1 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 , Scotrenewables: Enabling low cost floating tidal energy Pascal Delaveau , Technical Inspector, Sofimar: Return of incurred loss experience / Retour d'expériences sinistres Yves Chardard , CEO, SubSea Tech: SeaCAT : an integrated solution for unmanned inspection of offshore wind farms	Les Assises du SER
1:30 pm - 2:45 pm		PLENARY SESSION - AUDITORIUM 1	
2:55 pm - 4:10 pm	MARKETS & OPPORTUNITIES Uptake from regions - Europe Chair: to be confirmed Tim Hurst , Managing Director, Wave Energy Scotland: Waver Energy Scotland - Creating Waves Across Europe 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: to be confirmed Zhaoqing Yang , Chief Scientist, Pacific Northwest National Laboratory: Analysis of Wave Energy Resource in The Nearshore Region of US West Coast Emmanuel Poizat , Geosciences Engineer, University of Caen: Vertical Microstructure Profiler for turbulence characterisation in EMR sites Sean Ferguson , Research Council Officer, National Research Council of Canada: Web-based geospatial decision support system to facilitate marine renewable energy site selection	UNDERWATER Risk reduction: lessons learnt Chair: to be confirmed 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 Renellier , Deputy Director of the industrial & services business unit, BESSE: A competitiveness tool often forgotten: insurance / Un outil de compétitivité souvent oublié: l'assurance
4:10 pm - 4:30 pm		COFFEE BREAK	
4:30 pm - 6:00 pm	MARKETS & OPPORTUNITIES Uptake from regions - Americas and Asia Chair: to be confirmed 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: Review of Global Ocean energy Policies; what are the lessons for India Bruno Boutes , Project Manager, MERIC: Levelized Cost of Energy study for Marine Energy Chilean value chain assessment	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: How best to perform environmental assessments Chair: to be confirmed Ian Hutchison , Director or Operations, Aquatera: Development of an Ocean Energy Impact Monitoring System (DOEIMS) 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 Merel Verbeek , PhD, Delft University: Environmental monitoring of tidal energy generation Ann Dallman , Senior R&D Engineer, SANDIA National Laboratories: Sea state characterization for environmental risk assessment using hydrodynamic modeling	UNDERWATER Risk reduction: Towards more reliability Chair: to be confirmed Johannes Hüffmeier , Senior Project Manager, Research Institute of Sweden: RiaSoR 2: Reliability in a Sea of Risk 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 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 Jean-François Filipoit , Scientific Director, France Energies Marines: The DIME project : improving extreme sea states and wave breaking characterization for the extreme design of MRE systems

Markets & opportunities

Technics supporting ocean energy uptake

Underwater

8:30 am - 8:50 am	WELCOME COFFEE		
8:50 am - 10:05 am	PLENARY SESSION - AUDITORIUM 1		
10:05 am - 10:30 am	COFFEE BREAK		
10:30 am - 11:45 am	MARKETS & OPPORTUNITIES Let's work together in France Chair: to be confirmed Sylvain Guillou, Professor, University of Caen: Turbulence characterization at the Raz Blanchard tidal energy site. First results of the ANR-FEM project THYMOTE	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: Interactions with the ocean world Chair: Arturo Troncoso, Executive Director, Renewable Energy Development Enterprise Achraf Drira, 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 Converters 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: Peter Fraenkel 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 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: to be confirmed 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. Paul Griffiths, Professor of Banking and Fintech, EM Normandie: Marine Energy Knowledge Network: Propelling Marine Energy to the next level	
12:00 pm - 1:30 pm	LUNCH & POSTER SESSION		
1:30 pm - 3:00 pm	MARKETS & OPPORTUNITIES Solutions for remote areas Chair: Ravindran Pallaniappan Narasimalu Srikanth, NTU: Hybrid Renewables Towards Energy Needs of Islands Neil Kermode, 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 Bellore, 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 Laurence Crosnier, Market Development Manager, Mercator Ocean: Copernicus Marine Service in support to oceanic energy resource evaluation, operations at sea and impact assessment for offshore ocean energy farms Bodhi Sarkar, Senior Engineer, EC-OG: Subsea Energy Diversification in the Marine Sector Encarni Medina-Lopez, Research Associate, University of Edinburgh: Application of DTOcean tools to the EnFAIT project	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 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	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Plug them in Chair: Neil Rondorf, Leidos Ibon Larrea, Industrial Engineer, DITREL: KONETA2: Open sea testing experience of an electrical connector for ocean energy devices Miguel Lopes, Head of Monitoring and Technology, WavEC: Dynamic cable design tools for Ocean Energy Converters Johannes Hüffmeier, Research Institute of Sweden: Dynamic Cable Design, Reliability and Efficiency Romain Migne, Project Mgr, 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 Tuula Maki, Certification and Product Quality Manager, AW-Energy: WaveRoller showcase Andrés Sánchez Nieto, Researcher, Wedge Global: Improving W1 Tony Lewis, CTO, Ocean Energy: Development and deployment of the 500kW OE Buoy wave energy converter at WETS. Luis Gato, Associate Professor, University of Lisbon: Test Results of a 30 kW Self-rectifying Biradial Air Turbine-Generator Prototype
4:25 pm - 4:45 pm	COFFEE BREAK		
4:45 pm - 6:00 pm	MARKETS & OPPORTUNITIES Building the blocks of investability: Raising the level of confidence Chair: Jonathan Colby, IEC/TC114 chairman Peter Scheijgrond, Ocean Energy Specialist, Dutch Marine Energy: Advancing IEC standardization and certification for tidal energy converters Olivier Benyessad, Subsea and Ocean Energy Market Leader, Bureau Veritas: Certification Schemes for Marine Renewable Energy Technologies & Tidal & River Energy Converters Power Curve Assessment: a standard protocol derived from IEC 62600 - 200 Simon Robertson, Research Associate, Edinburgh University: Innovation policy pathways for the commercialisation of marine energy	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Turn them on Chair: to be confirmed Markus Mueller, Leader of the Institute for Energy Systems, University of Edinburgh: All Electric Drivetrain for Wave Energy Converters & 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 Giacomo Politi, PhD, Trinity College Dublin: Nonlinear Model Predictive Control for WRAM Device	UNDERWATER Technologies getting wet: Wave (part 2) Chair: Kim Nielsen / Ana Brito e Melo, WavEC Patrik Möller, CEO, CorPower Ocean: High efficiency wave technology - The Power of Resonance Martin von Bülow, CTO, Wave Piston: Experience and results from the Wavepiston Prototype in the North Sea Jon Lekube, Basque Energy Agency: Fatigue and Aerodynamic Loss in Well Turbines: Mutriku Wave Power Plant Case Tom Dennis, CEO, Wave Swell Energy: Comparison of the LCDE of a Unidirectional OWC Technology in Different Water Depths
	Markets & opportunities	Technics supporting ocean energy uptake	Underwater

8:30 am - 8:50 am	WELCOME COFFEE		
8:50 am - 10:05 am	PLENARY SESSION - AUDITORIUM 1		
10:05 am - 10:30 am	COFFEE BREAK		
10:30 am - 11:45 am	MARKETS & OPPORTUNITIES Building the blocks of investability: market supports Chair: to be confirmed Bruce Cameron, Envigour Policy Consulting: Market Supports - Global Experience and Lessons Learned Mark Leybourne, ITP Energised Michael Abundo, OceanPixel Pannel Discussion	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Build them up Chair: to be confirmed Per Salomonsson, Senior Consultant, Midroc Project Management: Concept Array design for Tidal kite power generators Cristian Escarizaza, Principal Investigator, MERIC: Numerical Simulations and Experiments of Wake Interactions in Tidal Turbines Ryan Nicoll, 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 Samantha Quinn, Program Manager, Northwest National Marine Energy Centre: Introducing the Pacific Marine Energy Center's Wave Energy Test Site Marlene Kiernowski, Tidal Development Manager, Energie de la Lune: STEPPING THROUGH A TEST SITE IS STILL NECESSARY TO REACH MATURITY - A feedback from SEENEH tidal test site after its first full year of operations Yago Torre-Enciso, Technical Director, BiMEP: Good practices to apply when preparing sea trials under the test site perspective Patrick Cross, Program Manager, Hawaii 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: Tony Lewis, CTO, Ocean Energy 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 Ambrose Watzek, 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: Paul Griffiths, Professor of Banking and Fintech, EM Normandie 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-1: 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	UNDERWATER Pioneering Ocean Energy Chair: Gerry Sutton, MaREI 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
	Markets & opportunities	Technics supporting ocean energy uptake	Underwater
1:00 pm - 1:30 pm	WRAP UP AND CLOSURE		