Monday May 27
Renewable ocean energy production, storage and distribution forum

Tuesday May 28
Sustainable use of ocean space and marine resources forum &
Nature inspired solutions & biomimetic forum

Wednesday May 29
Natural propulsion & zero emission shipping forum
## Programme

### OCEAN ENERGY & BLUE LIFE

**Monday 27 May**

**09:00** Registration

**09:30** Opening by
- **Michèle Azalbert**, Chief Executive Officer, Renewable Hydrogen Business Unit, ENGIE
- **François Lambert**, Managing Director GICAN - General Secretary of the French maritime cluster board
- **Guilhem Gaillarde**, Chairman BlueForum, MARIN

### ENERGY STORAGE AND DISTRIBUTION

**10:15**
- **Bob Meijer**, Director, Offshore Wind Energy R&D, TKI Wind op Zee
  *How the Netherlands is promoting innovation, creates development and drives cost reduction of Offshore wind energy*

**10:55** Pause

**11:20**
- **Joost Sterenborg**, Project Manager, MARIN
  *Space@Sea European Project*
- **Gro de Saint Martin**, Programme Director, Réseau de Transport d’Electricité
  *On the connection of marine energy*
- **Tonio Sant**, Associate professor, department of mechanical engineering, university of Malta, FLASC
  *FLASC: Offshore Energy Storage*
- **Pierre Duwiquet**, Product Development Manager, Atlantique Engineering
  *An insight into floating substations*

### OFFSHORE ENERGY: WIND ENERGY

**12:35** Lunch

**14:00**
- **Bruno Geschier**, Chief sales & marketing Officer, WindEurope
  *Floating Wind Taskforce*
- **Bruno Geschier**, Chief sales & marketing Officer, Ideol
  *Ideal: Current offshore wind projects in France and Japan*
- **Clemens van der Nat**, Manager Strategic developments at Bluewater Energy Services, BlueWater
  *TLP based platform for Multi-use: Wind Energy and Fish Cages*
- **Christine de Jouette**, Marine Energies Project Director, EDF Energies Nouvelles
  *Floating Offshore Wind: project Provence Grand Large*
- **Erik-Jan de Ridder**, Project Manager, MARIN
  *Areas of research for offshore wind @MARIN*
- **Jérôme Ribuot**, Offshore Renewables Development Director, Saipem
  *AFLOWT Saipem Floating Wind solution Demonstrator*
- **Valentin Arramounet**, INNOSEA
  *Floating Wind : Aeroelastic software coupling with Orcaflex*
- **Nathalie Renard**, Marketing director, Jeumont Electric
  *World first superconductive wind generator ECOSWING : opening the doors to new challenges*

### OFFSHORE ENERGY: OCEAN ENERGY

**16:10**
- **Yann Herve de Roeck**, General director, France Energies Marines
  *Collaborative initiatives for marine renewable energy*
- **Frabrice Jancart**, Technology Development Manager, Naval Energies
  *OTE development*
- **Jean-Christophe Gilloteaux**, Researcher Marine & Ocean team, LHEEA Centrale Nantes
  *FARWIND: Wind energy Conversion in the far-offshore*
- **Jean-Luc Longeroche**, Co-founder and CEO, GEPS-Techno
  *Stabilized and hybrid powered (wave/solar) floating platforms for Blue growth activity*
- **Gregor Paterson-Jones**, Founder, Paterson-Jones
  *Renewable energy investment*

**17:25** Networking

**18:00** End of day programme
**Programme**

**Ocean Energy & Blue Life**

**Tuesday, 28 May | MORNING**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Registration</td>
</tr>
<tr>
<td>09:30</td>
<td>Opening by Guilhem Gaillarde, Chairman BlueForum, MARIN</td>
</tr>
</tbody>
</table>

**Sustainable Multi-Use and Infrastructure**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:40</td>
<td>Kare Olav Krogenes, Managing Director, Viewpoint seaFarm</td>
</tr>
<tr>
<td></td>
<td>Next generation Offshore seafarming</td>
</tr>
<tr>
<td>09:40</td>
<td>Floor Spaargaren, Project Manager, MARIN</td>
</tr>
<tr>
<td></td>
<td>Creating a blue print for synergy between offshore wind and floating solar power</td>
</tr>
<tr>
<td>09:40</td>
<td>Eelco Leemans, Advisor sustainable use of Oceans, North sea Energy Lab</td>
</tr>
<tr>
<td></td>
<td>Multi-use strategy and experience in the North Sea</td>
</tr>
<tr>
<td>09:40</td>
<td>Javier Abanades, Hydrodynamic Responsible of Offshore Renewable Projects, TYPISA</td>
</tr>
<tr>
<td></td>
<td>Towards green ports through the integration of renewable energies</td>
</tr>
<tr>
<td>11:00</td>
<td>Pause</td>
</tr>
<tr>
<td>11:20</td>
<td>Eric van der Schans, Director Environmental Management, Port of Rotterdam</td>
</tr>
<tr>
<td></td>
<td>Port of Rotterdam sustainable challenge to support zero emission shipping</td>
</tr>
<tr>
<td>11:20</td>
<td>Lucas Bertrand, Business Development Director France, ITM Power</td>
</tr>
<tr>
<td></td>
<td>How can Hydrogen participate to Ports decarbonization?</td>
</tr>
<tr>
<td>11:20</td>
<td>Carolina Navarro Correcher, Area Manager - Port City, Mobility and Cruises, Port of Valencia Fundacion</td>
</tr>
<tr>
<td></td>
<td>Environmental challenges of the Port-Maritime sector</td>
</tr>
<tr>
<td>11:20</td>
<td>Secil Torun, Team Leader ENGIE Lab Hydrogen, Engie</td>
</tr>
<tr>
<td></td>
<td>Role of Hydrogene in harbours</td>
</tr>
<tr>
<td>12:40</td>
<td>Lunch</td>
</tr>
</tbody>
</table>

**Biomimetic**

**Tuesday, 28 May | AFTERNOON**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>Christian Veldhuis, Research coordinator Sustainable Propulsion, MARIN</td>
</tr>
<tr>
<td></td>
<td>Research on biomimetic propulsion at MARIN (past and future plans)</td>
</tr>
<tr>
<td>14:00</td>
<td>Johannes Oeffner, Research Associate, Fraunhofer CML</td>
</tr>
<tr>
<td></td>
<td>Bio-inspired Air-lubrication technologies for ship hulls</td>
</tr>
<tr>
<td>14:00</td>
<td>William Megill, Professor Faculty of Technology and Bionics, Uni Rhein-waal</td>
</tr>
<tr>
<td></td>
<td>Explorations of low-power high-efficiency biomimetic propulsion systems in human-powered racing submarines</td>
</tr>
<tr>
<td>14:00</td>
<td>Ahmed Chemori, CNRS Researcher, LIRMM-CNRS/Univ. Montpellier</td>
</tr>
<tr>
<td></td>
<td>Towards Effective Underwater Inspection With a Fin-Actuated Biomimetic AUV</td>
</tr>
<tr>
<td>15:40</td>
<td>Pause</td>
</tr>
<tr>
<td>16:05</td>
<td>Julian K.A. Langowski, Postdoctoral researcher, Experimental Zoology Group, Wageningen University &amp; Research</td>
</tr>
<tr>
<td></td>
<td>Safe grip in a wet environment: Biological solutions to a technical problem</td>
</tr>
<tr>
<td>16:05</td>
<td>Ievgen Mazurenko, CNRS Researcher, BIP/CNRS/Aix-Marseille University</td>
</tr>
<tr>
<td></td>
<td>Bioavailable enzymes as alternatives to platinum catalysts in low temperature fuel cells</td>
</tr>
<tr>
<td>16:05</td>
<td>Franck Sylvain, CEO, EEL-Energy</td>
</tr>
<tr>
<td></td>
<td>The biomimicry tidal device</td>
</tr>
<tr>
<td>17:20</td>
<td>Networking</td>
</tr>
<tr>
<td>18:00</td>
<td>End of day programme</td>
</tr>
</tbody>
</table>
Programme

NATURAL PROPULSION
Wednesday 29 May

09:00 Registration
09:30 Opening by Yves Parlier, French sailor & Director Beyond the Sea
Guilhem Gaillarde, Chairman BlueForum, MARIN

NATURAL PROPULSION SEMINAR - MODELLING & TRAILING
09:45 Rogier Eggers, Senior Project Manager, MARIN
Testing methods for manoeuvring & seakeeping with WASP in real wind
Nico van der Kolk and Giovanni Bordogna, PhD. Candidate & Researcher, TU Delft
A comprehensive model for wind-assisted ships
Michael Vahs, Professor (Captain), Hochschule Emden-Leer
EcoFlettner monitoring onboard Fehn Pollux

10:55 Pause

NATURAL PROPULSION SEMINAR - SHIPPING & TRADE
11:15 Jean Zanuttini & Vincent Seguin, CEO Neoline & Naval Architect Mauric, Neoline & Mauric
The sailing path towards a zero emission shipping
Nils Joyeux, CEO Zephyr et Boree, Zephyr et Boree
How to promote greener trade: Zephyr et Boree project
Joseph Baker, Mechanical Engineer, Anemoi Marine Technologies
Utilising Big Data and Regulations to drive the uptake of Flettner Rotors

12:25 Gavin Alwright, Secretary IWSA, International Windship Association: IWSA Hub development
Madadh MacLaine, CEO ZEM-Tech, Zero Emission Maritime Technology: Zero Emission Maritime overview
Michael Adams, President, Ocean Assets Institute: Investment in sustainable maritime industry
Brian Boserup, Founder, Blue Technology: Wind will allow shipping to go zero emission
Guilhem Gaillarde / Moritz Krijgsman, MARIN: Zero emission propulsion train
Patrick Hooijmans / Rogier Eggers, MARIN: WiSP JIP - Wind assisted Ship Propulsion

13:00 Lunch

NATURAL PROPULSION SEMINAR - NEW DESIGN CONCEPTS
14:30 Rémi Retho, Naval Architects, Airseas
Kite ship propulsion for ships
Jerome Vedrenne, R&D Engineer, CRAIN
On shore experimental testing of suction wing
Mathis Ruhl, Naval Architect, Mathis Ruhl - Architecture Navale
Wind Motion: make sailing great again
Mike Poole, Director AutoNaut Ltd, AutoNaut
Wave-propelled vessels, part of the zero carbon future

16:00 Pause

ZERO EMISSION SOLUTIONS
16:20 Moritz Krijgsman, Senior Project Manager, MARIN
Hydro-system integration for zero emission shipping: test cases and studies for the Dutch Ministry of Transport and for the Dutch Navy
Louis-Noel Viviés & Marc van Pethegem (VPLP), Energy Observer
Energy Observer around the world
Faig Abbasov, Shipping policy officer, Transport&Environment, Roadmap to decarbonising European Shipping

17:25 Networking
18:00 End of Blue Forum

POSTERS NATURAL PROPULSION & ZERO EMISSION SOLUTIONS
D-ICE Engineering, Route Optimization and Metocean Studies
Schormanns Maritime, SS Eileen - sailing coaster
TU Delft, Design strategies for wind-assisted ships
MARIN, WiSP JIP - Wind assisted Ship Propulsion Joint Industry Project
Blue Technology, Wind will allow shipping to go zero emission
ADD-Technologies, Wing-sail: the primary propulsion system moving at full scale in the maritime industry