Japan and Spain Collaboration: Opportunities in Offshore Wind Energy
15 December, Madrid, Spain

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Outline

1. Definition
2. Main Capacities & Services
3. Wave Energy Converters Tests
4. Offshore Wind Projects
5. PLOCAN & JAPAN cooperation
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Spanish Network of Unique Scientific and Technical Infrastructures (ICTS):
- Unique research facilities
- Specialized Scientific fields
- Demand high level of investment
- Dedicated to cutting-edge science and technologies
- Foster socio-economical growth and development

The main objective: design, construction, equipment and exploitation of an offshore platform for Research & Innovation in the marine science and technologies.
Capacities & Services

Provide ACCESS TO....

- MARITIME TECHNOLOGIES FOR SCIENCE & INNOVATION
- MONITORED & EXTENSIVE STUDIED MARINE TEST SITE
- R & D MARITIME PLATFORM
- A COASTAL AND OPEN OCEAN OBSERVATORY
- TRANSVERSAL CAPACITIES & TECHNOLOGIES: ICTs
- SPECIALIZED TRAINING
- OPEN INNOVATION ENVIRONMENT
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- 23 km²
- Cabled: 15MW
- Depth: 0 - 600
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Wave Energy Converters

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The ELICAN project has a total budget of 17,107,301.25 € and was selected for the H2020-LCE-2015-2 call in September 2015. The action started in January, 2016 and will last until December, 2018.
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**PLOCAN & JAPAN Cooperation**

1st Visit

16 - 19 de June de 2014

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### 1-① Iwate’s history with ocean energy

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Iwate Prefectural Government</th>
<th>National Government</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>Jun</td>
<td>Starting an association to develop ocean resources in Iwate</td>
<td>Establishment of Basic Act on Ocean Policy in April</td>
</tr>
<tr>
<td>2008</td>
<td>Dec</td>
<td>Iwate Prefectural Government Long Term Plan (Policies for developing ocean industry was decided in the plan)</td>
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<tr>
<td></td>
<td>Mar</td>
<td>Guidelines for Promoting Local Innovation (Environment and Energy Field were added to the guidelines)</td>
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</tr>
<tr>
<td>2011</td>
<td>Mar</td>
<td>The Earthquake and Tsunami Iwate Prefecture Great Earthquake East Japan Earthquake and Tsunami Reconstruction Plan</td>
<td>(Ocean Renewable Energy as a part of Sairiku Creation Project)</td>
</tr>
<tr>
<td>2012</td>
<td>Aug</td>
<td>Survey for introducing ocean renewable energy in coastal area in Iwate</td>
<td>Policies for promoting utilize ocean renewable energy in Japan was decided in May</td>
</tr>
<tr>
<td>2013</td>
<td></td>
<td>Discussions with local organizations and fishing industry on Test Site</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Starting a feasibility study for wind farm in Hino</td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>Feb</td>
<td>Applying National Government for Kamaishi Test Site Adoption of the NEDO Project</td>
<td>First Announcement of the selection in July</td>
</tr>
<tr>
<td></td>
<td>Dec</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>Mar</td>
<td>Cooperative Agreement with the University of Tokyo</td>
<td>Second Announcement of the selection in April</td>
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<tr>
<td></td>
<td>Apr</td>
<td>Selection of the Kamaishi Test Site</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Disc</td>
<td>Starting an association to develop the ocean energy industry</td>
<td></td>
</tr>
</tbody>
</table>
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The Japanese ambassador to Spain, his deputy, and the new Japanese consul in the Canary Islands visit PLOCAN.