Communiqué - Sea Tech Week® 2020: Spotlight on marine renewable energies

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From 12 to 16 October 2020, Sea Tech Week® will be taking a keen interest in marine renewable energies (MRE). During this 12th edition, a virtual one-off, whose theme will be "Marine observation: from seabed to space", the protagonists of this innovative network (companies, research centres, laboratories and large colleges) will be showcasing the fruits of their research. With its very special geographical location, Brittany boasts rather unique potential in terms of the production of marine renewable energies.

Combining the perfect natural environment and favourable swell, current and wind conditions, as well as a rich seam of marine and industrial skills in the region, Brittany is focusing on marine renewable energies and floating wind turbines in particular, in a bid to satisfy its local energy production needs.

Floating wind turbines, gambling on the future

Brittany is ready to enter the commercial phase of a technology, which will enable the rapid development of a new industrial network: that of floating wind turbines. This technology is controlled by key manufacturers, who are planning to install offshore wind farms around the region's deepest waters (between 50 and 200m) within a context of flexible dialogue, thus integrating the needs of the various populations that use the sea.

A wealth of assets

With 100 businesses already positioned on the MRE market, 2,900 researchers in marine sciences and technologies, 19 training establishments in the industrial and marine domain, and 5 colleges training up nearly 150 graduates geared towards maritime professions, Brittany enjoys a wealth of assets in terms of the development of marine energies.
This technical and economic potential is combined with a political aim, which found expression in 2012 through the Regional Council's decision to create a port terminal in Brest dedicated to MRE.
Spanning over 11 hectares, Brest's port terminal is already enabling an increase in the harbour's commercial activity and will be able to accommodate further industrial activities linked to MRE since 27 hectares will be added to the network by 2024.

"Marine renewable energy" sessions within the Sea Tech Week® conference

Through the use of virtual tools, scientific and technologies sessions will be possible via videoconferencing from 12 to 16 October.
In this way, France Energies Marines will organise a session called "Wave and wind observations applied to offshore renewable energies", in partnership with the Delft Technological University (The Netherlands), Naval Energies, and the Helmholtz-Zentrum Geesthacht (Germany). Technopôle Brest-Iroise will host a session entitled "ICE, which market opportunities for smart-grid businesses?", especially those dedicated to ICE (Intelligent Community Energy) companies. Breton company Morbihan Hydro Energies and British outfit Ore Catapult (Centre for technological research and innovation for offshore renewable energies) will take an in-depth look at "Interreg TIGER - Growing the supply chain for cost effective reliable composite blades and censor design for tidal turbines" in a session created within the context of the European Interreg TIGER project in partnership with the Dutch, French, Irish and British research offices.

Registration and information: www.seatechweek.eu