

MooringSense successfully defines the architecture of its digital twin



The European MooringSense project, [which aims to reduce the costs associated with floating offshore wind energy production by 10-15%](#), has taken a step forward in defining a more efficient management strategy for mooring systems.

The consortium of this research led by the CTC Technology Centre concluded the definition of the concept and functional architecture of the digital twin that will optimise the operation and maintenance of the floating wind turbine anchoring and mooring systems and the specifications and validation procedures of the components that make up the solution proposed by MooringSense.

The progress achieved to date was presented and the most relevant technical aspects were discussed in the second follow-up meeting of this initiative.

[Read more](#)

TWO NEW DELIVERABLES



The deliverable “D2.2 Mooring system integrity management technologies” has updated the state-of-the-art technologies, techniques and tools related to the management of mooring systems applied in the Oil&Gas industry.

The second of the deliverables, “D3.2 Simulation Dataset”, consists of simulations of the coupled numerical model. Read more [HERE](#).

MOORINGSense VIDEO



The first video about MooringSense is now available.

[CLICK HERE](#) and check out the main features of this European project.

MooringSense adapts to coronavirus pandemic



The COVID-19 crisis forced the consortium to hold progress meetings by videoconference. Members of the consortium, including research centres such as the CTC Technology Centre, TNO, Ikerlan and Sintef Ocean, and leading companies such as Zunibal, Saitec, Bridon Bekaert Wire Rope Industry, Vicinay Marine Innovation and Intecsea, participated in these virtual meetings.

Next Milestones



The project MooringSense aims at reducing operational costs and increasing efficiency through the development of an efficient risk-based integrity management strategy for mooring systems based on an affordable and reliable on-line monitoring technology.

[CLICK HERE](#) to know the next milestones of the project



SINTEF

Intecsea
Worley Group

ZUNIBAL

ikerlan

saitec



BRIDON · BEKAERT
THE ROPES GROUP

VICINAYmarine
innovación

TNO innovation
for life



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 851703