

## ROMEO's partners discuss the progress on the main goals of the initiative

- The members of the consortium will celebrate the 3<sup>th</sup> and 4<sup>th</sup> of June a virtual General Assembly to analyse the current situation of the project and define next steps
- This year's meeting will include a training session on offshore wind energy for stakeholders

For the first time, ROMEO Project's consortium celebrates on 3<sup>th</sup> and 4<sup>th</sup> of June an online General Assembly. The partners of the European initiative will discuss the next steps required for the success of this project and analyse the latest advances in order to achieve the main goals.

The current sanitary emergency due to Covid-19 pandemic has motivated the decision of having this meeting through digital platforms. The virtual reunion will give the opportunity to the several partners of this initiative, backed by the Horizon 2020 programme of the European Commission, to show their progress and coordinate actions to continue the scheduled roadmap.

This year's General Assembly will include a comprehensive programme of technical sessions and also an exploitation board meeting and a technical committee meeting. These activities will gather all of the partners of this initiative including [EDF](#), [Siemens Gamesa](#), [Minsait](#), Bachmann or [Laulagun Bearings](#).

In these sessions the different members of ROMEO's consortium will explain how they contribute to the main goals of the project, which wants to reduce the O&M costs of offshore wind installations.

In addition, this year the General Assembly will have also a training session preparation for stakeholders. The participants will have the opportunity to assist to an advanced lesson on offshore wind energy.

The event will start the first day with the presentation and discussion of the WP2 leader Adwen, which leads the physical design of a new wind turbine diagnosis and prognosis solution. After that, an administrative session will be carried out. These initial technical sessions of the agenda will conclude with the training session preparation on WP9. The main goal is to ensure the successful exploitation and final impact into the wind power electric system of the technology and solutions that are being developed and demonstrated within the project.



Following these first sessions, the partners will celebrate an exploitation board meeting that will be divided in an IP and Standardization Observatory guided by [ZABALA](#) partner and a space for final comments and a wrap-up.

The second day of the General Assembly will start with a Technical Committee Meeting and it will be followed by six technical sessions driven by different partners of the project: [IBM Research Europe](#), [Ramboll](#), [Uptime](#), [Iberdrola](#), [Strathclyde University](#) and ZABALA. They will present and discuss with the rest of the consortium the progresses achieved in the work packages that they lead, which are respectively wind turbine offline failure models for a running design, structural condition monitoring, O&M information management platform, pilot tests in United Kingdom and Germany, impact assessment, and dissemination, exploitation & training. The meeting also includes a coffee break and an open space for comments and a wrap-up.

### Overview of the project

After three years of achievements for the offshore wind sector, ROMEO's partners will have the chance to exchange points of view and ideas and set down a comprehensive overview of the technological advances of the initiative.

The different work package leaders will have the opportunity to present their technical progresses and it will be helpful in order to understand which can be the next challenges for ROMEO Project in the nearest future.

At the beginning of the year, ROMEO Project participated in Wind Operations Europe 2020 or the RAMS 2020 Conference. These are two examples of how concerned the initiative is about sharing its technological advances with stakeholders and the key actors of the sector.

### About ROMEO Project

ROMEO Project (Reliable O&M decision tools and strategies for high LCoE reduction on Offshore wind) is an initiative funded by the Horizon 2020 programme and its main objective is to reduce offshore O&M costs through the development of advanced monitoring systems and strategies, aiming to move from corrective and calendar based maintenance to a condition based maintenance, through analysing the real behaviour of the main components of wind turbines (WTGs).

The innovations developed within the R&D work packages will be tested in three use cases managed by the wind farm operators of the following projects: Teeside (United Kingdom), Wikinger (Germany) and East Anglia ONE (United Kingdom). This way, the benefits achieved will be demonstrated, and the future replication of the project in other wind farms will be ensured



ROMEO is an industry-based consortium made up of 12 recognised and experienced key players from 6 different EU member states and 1 associated country led by Iberdrola. The consortium includes large companies (EDF, Adwen, Siemens Gamesa, Ramboll, IBM Research Zurich, Minsait INDRA, Bachmann), SMEs (Laulagun Bearings, Uptime Engineering and ZABALA Innovation Consulting) and the Strathclyde University and will work jointly to benefit decision making processes of offshore WF operators.

This project is awarded by the European Commission with a Horizon2020 Programme Grant of €10 million and a total budget of approximately €16 million running for 5 years.

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