

LARGESIRIS – Project Engineer Innovation

[Sirris](#) is the collective research & technology centre for the Belgian technological industry. We cover multi-disciplinary research, development and innovation projects in many industry fields and technology themes.

Through technology expertise & infrastructure, innovation support services, and both national and international collaboration, we support the EU offshore renewable energy sector to maintain our leading role in this emerging energy industry.

Within Sirris a dedicated wind energy program has been set-up to support the Belgian on- and offshore value chain with their technology challenges. Currently, this team is coordinating the OWI-Lab collaboration framework, and is executing the expanding R&D project portfolio comprising a range of multi-disciplinary R&D projects for which we seek reinforcement of the team.

We seek an engineer with a mixed passion for innovation, entrepreneurship, technical interest in renewable energy, hydrogen energy, and/or the energy transition in general. Are you up to the challenge of dealing with multidisciplinary research and development? Some of our current R&D projects encompass: BAMBOO ([Scaling up offshore solar energy to Gigawatts | Sirris](#)), FOOS ([FOOS | Forced Oscillations | Sirris](#)).

Are you also interested to participate or take the lead in funded or commercial research and testing projects? And are you enthusiastic about supporting the process of setting up new initiatives and innovation projects within the Sirris wind energy program and the OWI-Lab expertise collaboration?

If yes, read more about this challenging role below.

- You are responsible for taking a technological lead in new and ongoing R&D projects or specific work packages either in the onshore, or the offshore wind energy sector. In this context you follow up company ideas or you initiate your own ideas in the framework of the R&D projects and industry interests. You participate in proposal writing.
- The development of concept studies to practical implementations in cooperation with external knowledge partners, and/or with internal expert colleagues are part of your role. Next to this, you enjoy to act as technical project lead among different partners. You keep track of deadlines, set up meetings, achieve and set up milestones, and reporting. You feel confident in presenting your results to partners. According to our mission, you enjoy disseminating knowledge at events and fairs.
- You guide a test & measurement team that develops and executes testing campaigns in both the lab testing environment (for example in our large climatic test chamber) and in field conditions in existing wind farms. You will engineer the sensor and measurement set-ups, support the execution of measurements, post-process and analyze data, and report it to the team and/or customers. Moreover, you will also coordinate the A to Z of projects: project management, setting up the test campaign, interpreting measurement, follow-up projects,...
- You support the team in building out an industry driven wind energy program at Sirris by being up-to-date with ongoing technology trends, support business cases or investigate new test infrastructure investments.
- In collaboration with experts of other technology fields (external partners and/or internal departments) such as materials engineering, mechatronics, ICT and data-analytics you help companies in the wind power

industry to innovate.

- You are an engineer and you have a master's degree in electromechanics, mechanics, energy or equivalent.
- You preferably have 5-6years of experience in the (offshore) wind energy sector or similar industrial experience
- You have a pragmatic and practical attitude, have excellent technical insight and are not afraid to be involved in pre-sales or proposal writing activities.
- The following knowledge or experience is an added value:
 - Insight and/or experience with climatic and environmental testing and validation projects
 - Track record in wind turbine operations/maintenance and inspection
 - Strong knowledge of Electronics
 - Vibration & sound analysis, dynamics analysis and interpretation of measurement data (e.g. based on experience in the (wind) energy , aerospace or automotive industry)
 - Knowledge in electronics and/or setting-up and using data acquisition systems and sensors set-ups and/or experience with IOT set-ups.
 - Experience with setting-up (offshore) wind turbine experiments
 - Insights and understanding in signal processing techniques
 - Non-Destructive Testing knowledge and experience
 - Experience with technologies to support decision support processes in mission critical operations context
- You finish what you started, have a proactive mindset and have an eye for details
- You combine technical insight with customer focus.
- You are a team player who likes to learn and are not afraid to work with multiple stakeholders in complex and challenging R&D projects
- You are creative and eager to translate innovations into practice.
- You have excellent command of Dutch and English, other languages such as German and/or French are an advantage.
- You are prepared to travel regularly, in Belgium (to the different Sirris locations) and abroad.

Offer

Working at Sirris means working on high tech projects in a challenging, adventurous and innovative environment with large international companies as well as SMEs and startup's. You build up experience with advanced and innovative techniques and state-of-the-art technology. You put technological innovation into practice!

What can you expect from us?

At **Sirris**, innovation and collaboration are at the core of everything we do. You will work in an environment where technological advancement and sustainability go hand in hand. Together, we prepare companies for the future.

- A **stimulating role** in a dynamic and innovative team.
- The opportunity to **collaborate with leading companies and technology experts**.
- A **challenging and inspiring work environment** to further develop your expertise.
- **Flexible working hours**.
- A **competitive salary package** with additional benefits.

Interested?

Send your CV and motivation letter via our **online application tool**.

Together, we are building the innovations of tomorrow!

Sirris is committed to an inclusive approach to recruitment, ensuring equal treatment of all candidates regardless of age, gender, origin, religion, or other personal characteristics.

<http://www.sirris.be/>