

Press release
Gothenburg, 2024-02-01

SeaTwirl challenge awarded Zelin SMEs in the Innovation Call of Elbe EUROCLUSTER

The Swedish energy-tech company SeaTwirl AB is going to be supported by the French SME Zelin to solve the innovation challenge posed in the framework of ELBE EUROCLUSTER, which has awarded a grant of EUR 60,000 to the SME.

ELBE EUROCLUSTER is working to promote European Collaboration in the fields of innovation, internationalization, networking, and training. To encourage this collaboration between countries, ELBE EUROCLUSTER, which has received funding from EISMEA's COSME Programme, launches open calls supported by Cascade Funding that aims at supporting European SMEs in the development of their resilience and green and digital transition.

SeaTwirl participated in one of these open calls as Challenge Owner in which it presented the challenge to further develop a controller for floating vertical axis wind turbine (VAWT). There were two main requirements in the challenge. On the one hand, the controller needed to be able to control the turbine at windspeeds from 1 to 25 m/s. At higher wind speeds the turbines closes down. On the other hand, the controller is to be implemented as a function in simulations of the floating turbine, which is being used to simulate the complete behavior of the wind turbine. Recently, SeaTwirl's challenge has been awarded by EUROCLUSTER ELBE to the project proposed by Zelin entitled "ACTION – Advanced Controlled Turbines Implementation to Optimize the use of Natural resources". The development of the controller will be a close collaboration between the challenge owner SeaTwirl, and the awarded company Zelin, which has a 60.000 EUR grant for it, over the next year.

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About SeaTwirl

SeaTwirl AB (publ) is a Swedish energy-tech company within offshore wind power with the vision to become a leading supplier of floating wind turbines. SeaTwirl's unique floating vertical-axis wind turbine has a low centre of gravity which means it uses less steel for the floater than conventional floating solutions. The ambition is also to be able to use more local supply-chains, to have lower maintenance costs, larger rotating mass, lower blade erosion, and to be able to place the turbines more tightly together, which contributes to a better economy for the wind farm. The company's first prototype was installed in the sea in 2015. Development is now ongoing for future floating wind turbines. The company is listed on Nasdaq First North Growth Market since 2016. Read more at: <https://seatwirl.com>

The company's Certified Adviser is Vator Securitie AB.