

Digital hydraulic PTO for Floating Power Plant (DigitalPTO)

Floating Power Plant A/S and Aalborg University have granted 1,7 mDKK by the Danish EUDP program for the project; “*Digital hydraulic PTO for Floating Power Plant (DigitalPTO)*”.

The project will develop and test advanced strategies for controlling a digital hydraulic power take of system for the wave power element of Floating Power Plants combined floating wind and wave platform.



Partner quotes

FPP, CEO/Anders Køhler: We are grateful that the EUDP program has granted us and AAU this project. We expected this project will support FPPs first commercial projects and market entry by further improving PTO efficiency and cost of energy while reducing the technology risk of the wave energy technology.

AAU-ET, Henrik C. Pedersen: We are very pleased about the project being supported by EUDP. The project follows in direct relation to our years of research in digital hydraulic PTO-systems, and is part of the next step in bringing digital hydraulic solutions to the market and commercializing wave energy technology, by improving efficiency and reliability of the system

For AAU-CE, Jens Peter Kofoed: This project is of high value, as it supports our efforts to improve PTOs, and their control, for Wave Energy Converters with the goal of making such systems more efficient and reliable, while contributing to lowering their cost of energy.