

AANDERAA NEWSFLASH

Final field work in off-shore wind platform project in the Baltic Sea



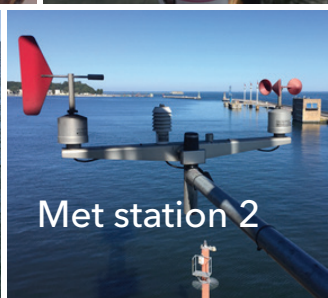
CastAway
CTD



Met station 1



Surface
drifter



Met station 2

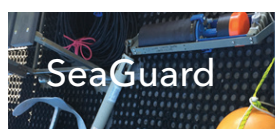
The final field mission of the Wind Turbine Platforms (Win-Tu-Pla) project was conducted off the Polish coast in the Baltic Sea between 22 and 24 May. This field work is the sixth since the start of the project in 2013.

The Wind-Tu-Pla project is a Polish-Norwegian project with the objective to work out the design, handling and economical aspects of offshore wind turbine platforms for use in the southern Baltic Sea, in the Polish economic zone. Poland has an old-fashioned energy production with use of significant amounts of hard coal and a low share of renewable energy.

Aanderaa was given the responsibility to collect field data. Six different field measurement systems have been used including long-term monitoring of winds, currents and waves. This final field campaign which included taking down a wind measuring system and recovering a SeaGuard mooring 12nM off the coast has been a success. The instrument was moored at 35m and recorded currents, particles, oxygen, temperature,

waves and water level with an ultra-sensitive wave & tide and tide sensor at a 10-minute interval for 1 year.

The Win-Tu-Pla is a holistic project. It has taken up all aspects from combined environmental measurements and modeling—to find worst-case hydrological and meteorological scenarios—to the platform design, costs of construction, installation, maintenance and environmental measurements after installation.



SeaGuard



SeaGuardII



Platform in
test tank

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