



Press release: A+D secures contract for Metocean Instrumentation System for Minesto tidal energy installation in Wales.

Automasjon & Data AS (A+D) of Sandnes, Norway are pleased to announce that the contract to build, supply and install the **Metocean Instrumentation System** for the Holyhead Deep Tidal energy site has been formally signed by the parties.

The agreement also includes installation and support during the completion of the micro grid system (MGS) set-up in Glasgow.

The Metocean Instrumentation System consists of a data acquisition system onboard the MGS buoy and a number of sensors installed around the buoy to measure meteorological and oceanographic parameters. A sophisticated current profiler instrument will also be installed below the buoy to measure very detailed current data in the area.

The data from this system will provide daily operational weather data for the operation of the Holyhead Deep project over the entire lifespan of the installation. It will also collect the data in a database for long-term statistical purposes, and will be used in future analysis for the installed assets.

Several new and innovative solutions are tested out in this system with the purpose of making future systems more compact and cost effective.

Minesto develops a revolutionary concept for producing electricity from the ocean. The technology, called Deep Green, unlocks an untapped renewable energy resource.

Deep Green produces electricity from low-flow tidal streams and ocean currents by a unique principle. By sweeping a turbine across a large area, at a speed several times the actual speed of the underwater current, Deep Green adds a step of energy conversion compared to other technologies. As a result, Deep Green is applicable in areas where no other known technology can operate cost-effectively.

Follow this link for more information about this fascinating new technology:

<https://minesto.com/our-technology>

Developing Holyhead Deep into a commercial tidal energy array will be done in phases. In a first step, one 0.5MW Deep Green demonstrator will be installed. The purpose of this first installation is to prove functionality and power production performance in commercial scale. Commissioning of the demonstrator is planned for 2018. In April 2017, Minesto was consented Marine License for the first installation in Holyhead Deep, offshore Wales.

Following successful deployment and testing of the first installed power plant, more Deep Green devices will be installed and the site will be gradually expanded into a 10MW tidal energy array.

Automasjon and Data AS is a complete system house for meteorological and oceanographic data systems with the main activities in the offshore oil & gas market. Over the last few years more and more of the activities has been turned towards the growing renewables market, with the main focus on offshore wind. Main products are Weather Stations, Helideck Monitoring Systems, Vessel Motion Monitoring System and Met Mast Instrumentation for marine and offshore applications as well as Condition Monitoring System and Foundation Monitoring System for offshore wind applications.

This new contract is a major step into the sector of new renewable energy for A+D, and represents a new and exciting area alongside A+Ds' long association with the oil and gas market, installing and operating Environmental Monitoring Systems (EMS) and Helideck Motion Systems (HMS).

A+D Director of Business Development, Jon A. Silgjerd, is very pleased to get a new foot into the renewable energy market. We have in the past supplied similar systems to a number of offshore wind farms in UK and German waters, but this is the first contract into the tidal energy market, which we hope will develop rapidly in the years to come.

This particular project is a very innovative concept with a huge potential, and we are very proud to be selected as a partner in this development.

Patrik Pettersson, Development Engineer at Minesto says A+D won a competitive procurement by offering a cost-effective solution tailored to our needs, supported by wide expertise and a solid track record. We look forward to a fruitful our cooperation with them regarding the metocean instrumentation system for our Deep Green power plant.

Further Information:

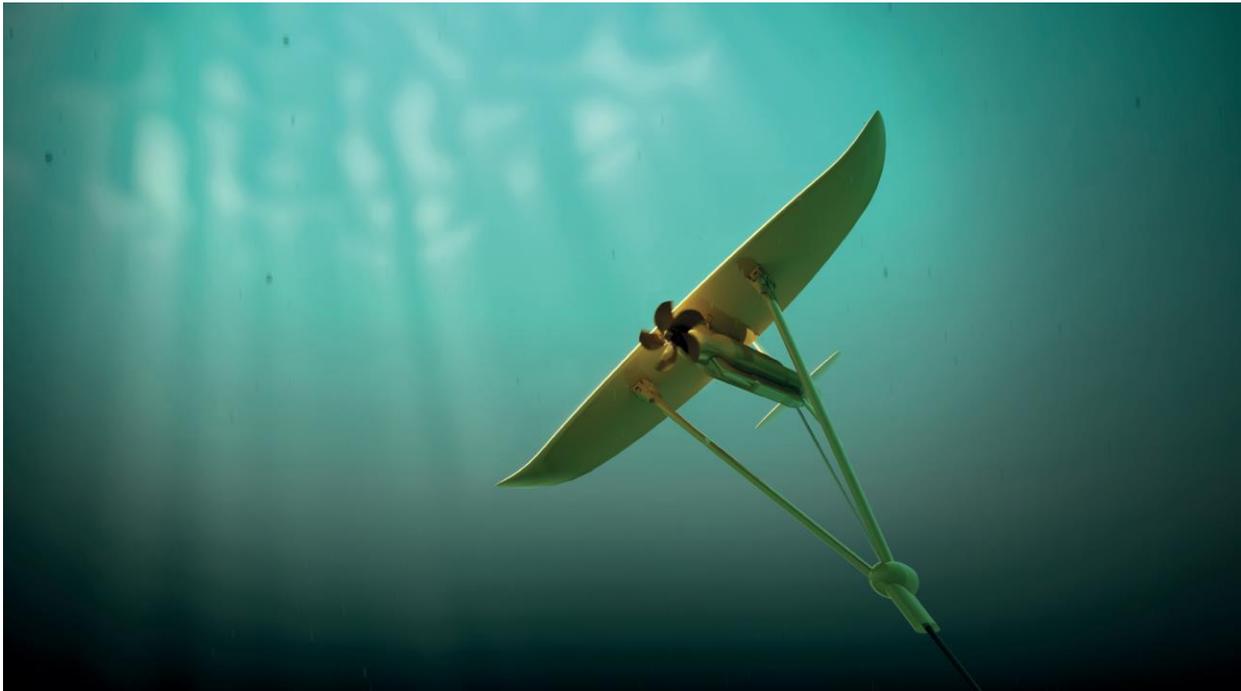
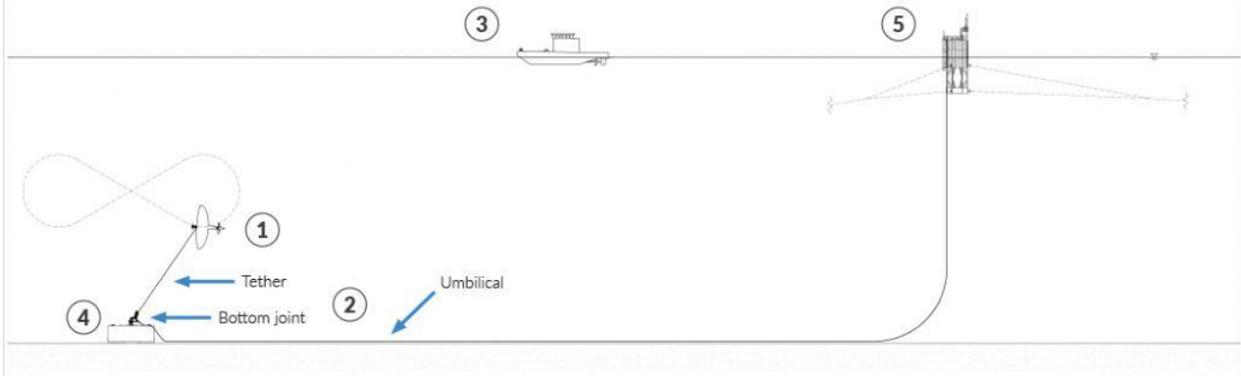
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**DG500
PROJECT
SET-UP**

- 1 Power plant including upper part of top joint
- 2 Power Transfer Fastening (PTF): Tether, bottom joint and umbilical

- 3 O&M-bespoken vessel including Launch and Recovery System (LARS)
- 4 Foundation - Gravitational Base Structure (GBS)

- 5 Micro Grid System (MGS) and MGS buoy



Illustrations: Minesto AB (www.minesto.com)