

AKROCEAN starts floating LiDAR metocean campaign for the Star of the South

The Star of the South offshore wind project has awarded AKROCEAN a contract for its floating LiDAR wind assessment and metocean campaign off the coast of Victoria, Australia. After being entered a few months ago in the Carbon Trust Stage 2 club with the WINDSEA service, AKROCEAN confirms its aim to become a major and international wind and ocean data provider.

The Star of the South received an exploration licence from the Australian Government earlier this year for its proposed offshore wind project located off the south coast of Gippsland, Victoria (Australia). This enables the Star of the South to start site investigations, including wind and metocean assessments.

AKROCEAN is undertaking the wind assessment and metocean campaign with the deployment of two WINDSEA floating LiDARs and one wave buoy on the project site for several years. The three systems are being commissioned over coming days.

WINDSEA Floating LiDAR technology is the first to use a passive stabilization system and wave energy converter to generate clean on-board electricity (GEPS Techno technology). The campaign will be remotely managed by VALEMO through their control center in France (data supervision and systems health) with local support from TEK-Ocean Energy Services, a major service provider to the offshore energy industry, who have qualified staff and vessels and an excellent knowledge of the area. WINDSEA embeds a Windcube Offshore LiDAR unit from LEOSPHERE.

Maxime BELLORGE, projects and sales director at AKROCEAN said: *“It is a great satisfaction to support one of the world’s biggest offshore wind developments, especially in Australia where wind potential is huge. With this opportunity, AKROCEAN will demonstrate its ability to provide high quality data collection services overseas.”*

Casper Frost Thorhauge; CEO of the Star of the South: *“We’re excited to be working with AKROCEAN to collect valuable data on the wind profile and conditions off the coast of Gippsland to help confirm the project’s feasibility and inform early planning.”*

Just a few months after receiving its stage 2 Carbon Trust OWA maturity level by DNV-GL, AKROCEAN confirm its position on the Floating LiDAR market. According to Maxime BELLORGE, the French player is involved in other worldwide project opportunities.

Further information about...

- **Star of the South**

The Star of the South is Australia's first proposed offshore wind project. It is proposed to be located off the south coast of Gippsland, Victoria. If the project is feasible and developed to its full potential, it could provide around 2,000 megawatts of power into the energy grid by 2027. The Star of the South is comprised of Australian founders and Copenhagen Infrastructure Partners (CIP) – a global leader in offshore wind.

www.starofthesouth.com.au

- **AKROCEAN**

AKROCEAN is a French player in Marine Renewables providing Ocean Data as a Service. AKROCEAN owns and operates a fleet of very modular and stabilised floating platforms (buoys) enabling to perform several types of mid/long term offshore multi-measurement campaigns. AKROCEAN offers, among others, a floating LiDAR service called WINDSEA.

www.akrocean.com

- **GEPS Techno (Technology)**

Engineering company created in 2011, GEPS Techno develops and designs innovative solutions to harvest marine energy, for offshore energy autonomy and for floating structures and ship stabilisation. GEPS Techno won the 2017 EDF Pulse Award in the Smart Business category. Its stabilisation technology has been as well awarded at the GST Europe Shipping 2020 event in Copenhagen with the “Green Ship Technology of the Year” Award.

www.geps-techno.com

- **VALEMO (Operation & Maintenance)**

VALEMO specializes in the operation, monitoring and maintenance of renewable energy installations. VALEMO technicians are qualified to intervene at sea and in particular on the offshore meteorological mast of Fécamp since 2014 and on the floating LiDAR installed at 15 km off the island of Oléron since the summer of 2017. Still in the MRE sector, VALEMO is the maintenance operator of SEENEHO SAS (testing site for hydrokinetic turbines in Bordeaux) and provides supervision. VALEMO also works for Centrale Nantes on the SEM-REV test site in Loire-Atlantique.

www.valemo.fr

- **TEK OCEAN (Local logistic support)**

TEK-Ocean Energy Services Pty Ltd is a major service provider to the offshore energy industry. The team of offshore and onshore specialists offer innovative end-to-end solutions via a range of services, spanning Maritime, Shorebase and Logistics, Engineering, Consultancy and Project Management, Workshop and Machine Shop services. TEK-Ocean was founded in 2007 and operates from a number of sites located in Victoria and Western Australia.

www.tek-ocean.com.au

Press contact: contact@akrocean.com

