Environmental and coastal planning and development

OASSYS

HYBRID ROBOTIC YACHT FOR AUTONOMOUS OCEAN OBSERVATION AND SURVEILLANCE MISSIONS

The aim of the OASSYS project is to design a 15- to 30-metre robotic yacht for observation and surveillance missions. The vessel will be capable of operating wholly autonomously for a period of 3 weeks in a sea state with winds of up to Force 8. It will be equipped with high-tech telecomm systems and will be suitable for transportation by road or shipping container.

Using hybrid sail/electric engine propulsion, this autonomous vehicle will not only improve ocean surveillance but also optimise surveillance and intervention costs at the same time as minimising environmental impact.

OASSYS will produce a demonstrator with a view to commercialisation.

The OASSYS project is also recognised by the Pôle Mer Méditerranée cluster.

Partners

Companies

Naval Group, Paris [Project Developer]
BE Mauric, Nantes
Grand large Yachting, Couëron
Sea Proven, Laval

Funders

Sans financement public

Labelisation

16/09/2016

Overall budget

6 080 K€