

ECA Project Leader â€™HALIODSTARâ€™™

ECA is to develop the AUV (Autonomous Underwater Vehicle) ALISTAR 3000 for the ultra-deep operating offshore industry in the context of a programme called â€™HALIODSTARâ€™™. The project is being carried out by members of the consortium called â€™HALIODâ€™™, which gathers together experienced businesses, scientific institutions and specialised schools, all situated around the harbour of Brest, Franceâ€™™s research pole in marine science. The group itself was created in 2001, thanks to the initiative of Technop le Brest Iroise. The development of federative programmes concentrating on technological themes applicable to the offshore environment is its top priority. The group focuses on themes such as sub-sea acoustics, sub-sea robotic systems, materials, meteorology/oceanography, environment and the conception of new communication equipment between sea bottom and surface. The project HALIODSTAR is part of the groupâ€™™s thematic focus on robotic systems. ECA is project leader and architect/integrator of the system. Work will also be done by industrial partners ORCA instrumentation and IXSEA OCEANO. ORCA instrumentation is specialised in sub-sea acoustics and sub-sea instrumentation and IXSEA OCEANO supplies its expertise in underwater acoustic positioning systems (long, short and ultra-short baseline systems). During the commercialisation phase, HALIODSTAR should allow ECA to employ up to twenty engineers at its Brest office. In order to satisfy future sales of the vehicle, ECA is transferring a large part of its know-how and industrial means to its Brest branch to allow the team in Brittany to assemble, integrate, validate and adapt the sub-sea robot to the needs of its future clients.

<https://www.hydro-international.com/content/news/eca-project-leader-haliodstar>
