

PRESS KIT



GSEA DESIGN : Company profile

City: **Lorient (Brittany)**

Activity: **Design and calculation for
high-performance composite structures**



Manager: **Denis Gléhen**

Presentation of the Project's Partner Company

GSea Design is an engineering company specialized in the design and calculation for structures made of composite materials. It was created in March 2010 by Denis Glehen, who was an aeronautic engineer with more than 15 years of experience in the racing sails domain. Over the years, he gained a solid reputation as a major actor of this domain. GSea Design revolves around about twenty employees, most of which are engineers or doctors in mechanic calculation and composite materials.

Involvement in the Project

GSea Design is involved in the development of SOLIDSAIL sails in partnership with Chantiers de l'Atlantique and the Multiplast shipyard since the beginning of the project in 2014. In the frame of the R&D projects carried out first by Chantiers de l'Atlantique and then by the industrial and academic consortium (Multiplast, Chantiers de l'Atlantique, ENSTA Bretagne, GSea Design) and funded by Europe and Brittany, GSea Design developed the design and calculation methods for the performances and the structural integrity of the sails. With this development and the geometrical and performance specifications established beforehand by Chantiers de l'Atlantique and its commercial partners, GSea Design provides the design, calculation, sizing, blueprints and manufacturing monitoring of the SOLIDSAIL sails in accordance to the ship they ought to power. GSea Design has its heart set on helping Chantiers de l'Atlantique on the development of this product which represents the future of the naval world and the plane