

PRESS KIT



ENSTA Bretagne: Presentation



City: **Brest (Brittany)**

Activity: **École Nationale Supérieure de Techniques Avancées**

Manager: **Pascal Pinot**

Presentation of the Project's Partner :

A leading engineering school and multidisciplinary research center, ENSTA Bretagne provides training and carries out high-level research activities in ICT (information and communication technologies), mechanical sciences and human sciences for engineers.

Located in Brest, the public establishment works closely with many industrial and academic partners, in France and internationally. Its activities contribute to innovation in many fields of application: maritime, defense and more generally high technologies (transport, aerospace, energy, digital, research, etc.)

Involvement in the project:

With the future manufacturers, researchers from ENSTA Bretagne (Dupuy de Lôme Research Institute, CNRS UMR) have modeled the design of these innovative rigid sails. They designed a calculation chain taking into account the wind behavior and the expected traction performance and tested it on a full-scale prototype: 5e. The "Jibsea" program will take over in 2021 in order to finalize the digital tools for full scale designing, and to take into account even more parameters.

<https://www.youtube.com/watch?v=okFWr96QyRU>