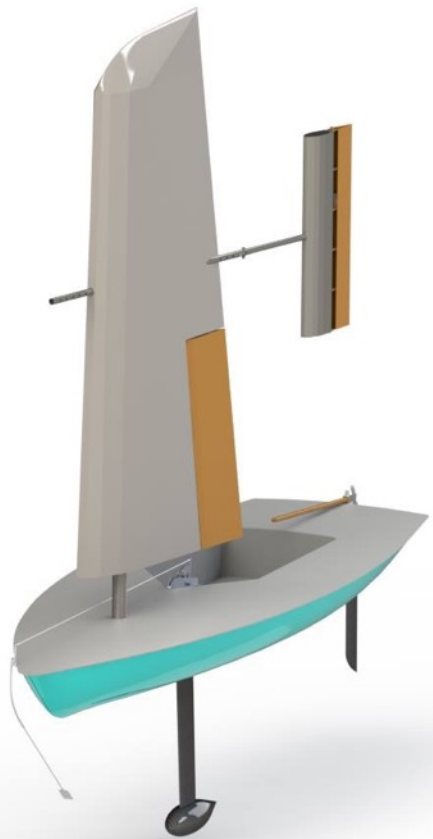


Newest standards in technology and performs highest wind efficiency on all water bodies



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Horizon Sail

Motivation

The development and progress in engineering autonomous sailboats will have various revolutionary benefits for transportation in maritime environments as well as possibilities in fields of scientific data collection. There is a manifold potential for this new technology.

Application for users:

- ◆ Autonomous search and rescue missions
- ◆ Naval expeditions
- ◆ Monitoring and collecting data
- ◆ Security for offshore installations or regions with piracy
- ◆ Autonomous & non-polluting transportation

Why do we need autonomous sailboats?

An autonomous sail boat can be beneficial to become more independent of fuel, is less expensive and can increase the safety for sailors .



Autonomous sailing boat

An autonomous sail boat is designed to sail in different water bodies without the presence of human beings on board. Doing so the boats are equipped with various sensors and electronic systems, which are collecting data of the weather conditions to decide the best way to sail. While most boats are designed to go as fast as possible from a starting point to a prior defined end, our boat will be designed to stay for long missions in a limited region.

Our crew

We are six multinational students from all over Europe, having different study and cultural backgrounds. Using our multifaceted knowledge we designed a cutting edge rigid wing sail that will be in the future part of an autonomous sailboat.



Left to right: Roberto Giordano - Marc Navarrete Hill- Thies Günther - Gary Jonathan Rabone - Imre Asztalos

