

UniBoAT



University of Bologna Argonauts Team





UniBoAT

UniBoAT is a project launched in **2019** by a group of students from the **University of Bologna**. It focuses on the **design and development of an electric-powered catamaran**, with the goal of winning the **Monaco Energy Boat Challenge**, an **international** university competition held at the **Yacht Club de Monaco**. To date, the results have been remarkable: **4 victories** in both the general and class categories **over 5 years of participation, with the most recent in 2025**.

Our divisions:



Marketing

The **Marketing Department** is responsible for **ensuring the project's financial support**, as well as **managing its image and presence across all social media channels**. It is divided into **two branches**: one fully dedicated to **creating social media content**, and the other focused on **managing sponsorships**.



Powertrain

The **Powertrain Department** is responsible for **designing, developing, and integrating the boat's electric propulsion system**, including the battery, motor, and control units, to support the team's performance goals. It is also **developing a hydrogen-based solution**, its most innovative project and a key step toward future sustainable technologies.

Structures

The **Structures Department** plays a fundamental role in **designing and manufacturing solid and reliable components**. It is responsible for the **development and maintenance of the propulsion system and the steering system**.



Hydrodynamics

The **Hydrodynamics Department** is involved in several tasks: we are **"propelling" our team to victory** thanks to the development of new, more efficient, types of propellers. The main goal of this year is to fly on the waters of Montecarlo with a set of foils.

Logistics

The **Logistics department** works to make sure that the team is ready and organized at the internal and external level, so that it can perform at the best during the critical moments of the season. It's the department that **makes all the people on the team cooperate and work smoothly in difficult or unusual conditions**.





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