



## LUPO

### A FOILING ELECTRIC PWC FOR SEA, LAKE AND RIVER TOURISM

The Lupo project aims to design and develop an electric watercraft with foils aimed at the sea, lake and river tourism market: for rental, for waterfront hotels, other river tourism and urban transport.

This project will commercialise a new leisure boating concept accessible to all, designed to fly across the water without harming the environment.

Before the final approved, lightweight, high-performance, self-powered, stable craft can be released for safe and responsive handling by its users, there are still several technical challenges to overcome:

- Electric propulsion of a PWC on vertical bifoil skegs, a configuration which allows the craft to turn while leaning, making driving far more exciting than anything currently available
- Stable navigation and manoeuvring on the foils from a speed of 8 kn up to a maximum of 20 kn
- Power self-sufficiency for an hour for all journey profiles identified
- Motorised retraction of the skegs for bodies of water requiring a small draft, and for 'beaching' the craft (so it can be launched from a beach or riverbank, without a jetty).

#### Partners

COM\_PROJECTS\_CATEGORIE\_PARTNER\_ENTREPRISES

BIRD-E Marine, Nantes [\[Project Developer\]](#)

#### Other partners

Ar-Meca, Thorigné Fouillard  
VE-Tronic, La Chapelle Launay

#### Funder

En recherche de financement

#### Labelisation

06/07/2018

#### Overall budget

222 K€