

AIRSHIP envisions an innovative use of a known transportation mean: flying ships. Such vehicles (also known as ekranoplans or wing-in-ground -WIG- vehicles) are designed and built to take advantage of the ground effect, allowing these crafts to fly with enhanced lift and reduced drag, which translates into better energy efficiency and lower environmental impact, without sacrificing any of the advantages of conventional airborne transportation.

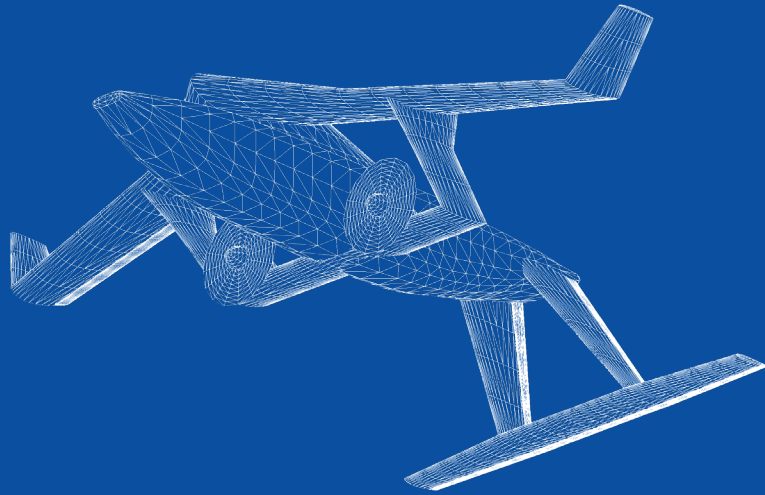
AIRSHIP will study and develop new technologies in zero-emission power, on-board AI and in automatic flight control able to overcome the challenging technological pro-

blems that flying in ground effect poses, allowing such vehicles to become autonomous so they can be effectively used in a wide range of business applications and services, leading to new aviation business models.

Our aim is to lay the foundations of a new class of fully electrical unmanned aircraft system, the UWV (Unmanned WIG Vehicle) that brings together speed, flexibility and energy efficiency.

www.airshipproject.eu

[f](#) [in](#) [v](#) [x](#) @airshipproject



UNMANNED WIG VEHICLE TRANSPORTATION

AIRSHIP



Funded by
the European Union

THIS PROJECT HAS RECEIVED FUNDING FROM THE
HORIZON RESEARCH AND INNOVATION ACTIONS
UNDER GRANT AGREEMENT NO. 101096487



POLITÈCNICA



LPRC | LA PALMA
RESEARCH
CENTRE

TAL
TECH

uni.lu
UNIVERSITÉ DU
LUXEMBOURG

TRISOLARIS
ADVANCED TECHNOLOGIES

Tampere University

INESCTEC