Región de Murcia

Unión Europea
Fondo Europeo Marítimo y de Pesca (FEMP)

GOBIERNO DE ESPAÑA

PROJECT TYPE

PROJECT VIGÍA: COASTAL SURVEILLANCE SYSTEM BASED ON AUTONOMOUS SURFACE VEHICLES

321MUR00567

IB name: Dirección General de Producción Agrícola, Ganadera y del Medio Marino, de la Consejería de Agua, Agricultura, Ganadería, Pesca y Medio Ambiente de la Comunidad Autónoma de la Región de Murcia

Priority 3: Promote the application of the Common Fisheries Policy. Objective b); art.76.2 a-d and f-l Reg. 508/2014

Beneficiary name: Polytechnic University of Cartagena

Approval date: 2018-08-01

Normative reference: Decree No. 176/2018, of August 1.

Total operation budget: 100.000 €
Eligible cost: 50.000 €
Public aid: EMFF37.500€ + CA 12.500 €

Operation start year: 2018-08-01
Operation end year: 2020-06-17

Job created: 1

Operation location:
Coast of the Region of Murcia

Project web link
www.upct.es

Operation description

The objective of this project is the adaptation of a UPCT-owned hull with a coastal surveillance system that uses an autonomous surface vehicle powered by clean energy as its fundamental technology.

Objectives: adaptation of a pre-existing surface vehicle, development of obstacle identification software, mission control and automation software, and remote operation and remote command.

Results

Advancing in the control technology of autonomous surface vehicles adapted to coastal surveillance focused on Marine Reserves of Fishing Interest. This drone will be able to identify vessels, detect and verify fishing gear, take oceanographic data, map bottoms, etc.

Equal opportunities and non-discrimination
Neutral project

Sustainable development
The vehicle uses solar energy for its operation.