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## **ALMODIS SOLUTIONS SL**

**Marine and remote sensing applications. High resolution ocean surface currents.**



Website

**Founded in 2014 by**

- **Jordi Isern-Fontanet**

## Incubation period

25-06-2015 to 24-06-2017



space solutions

## About ALMODIS SOLUTIONS SL

Almodis Solutions S.L. generates and distributes ocean products based on satellite observations. Particularly, Almodis Solutions S.L. provides accurate ocean surface currents at an unprecedented spatial resolution that are used for the route optimization of marine transport and sailing boats, as well as other offshore activities. These high-resolution currents are derived from remote sensing measurements using a technology developed by the company.

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## **The challenge**

Ocean currents are of key importance for navigation since they contribute to reduce fuel consumption and CO2 emissions, and have a direct impact on the duration of sea travels. Unfortunately is very difficult to observe and forecast them with enough precision to be useful for piloting.

## **The solution**

The team behind Almodis has overcome this limitation, developing a technology able to diagnose ocean currents from satellite observations with the requirements of the marine market

Almodis Solutions S.L. provides accurate ocean surface currents with a extremely precise location, for the optimization of ocean routes.

This will allow reducing fuel consumption, which has associated the decrease of operation cost of ships and CO2 emissions of marine transport, as well as decrease of travel time

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