

## ODESSA

### COMBINING OPTICS AND ELECTRONICS TO ENHANCE PERFORMANCE OF MARITIME SURVEILLANCE SYSTEMS

The ODESSA project is focused on the retail market for multispectral optronic systems for maritime surveillance. The marked increase in shipping means that the many tools currently on the market need to combine ease of installation with efficient deployment.

The aim of the ODESSA project is to offer a new optronic system that can detect a maritime security problem as early as possible while costing less than a radar tool.

It will automate detection, reconnaissance and identification of maritime objects and expand what is known about occupation of the coastal zone.

The ODESSA project is seeking to advance state-of-the-art artificial intelligence in the field of classifying marine vessels and to embed advanced classification algorithms in lightweight, low-energy electronics.

**The ODESSA project is also recognised by the Images & Réseaux Cluster.**

#### Partners

##### Companies

Inpixal, Rennes [Project Developer]  
Exavision, Nîmes

##### Research centers

IMT Atlantique Bretagne-Pays de la Loire /  
Lab-STICC, Brest  
Université de Bretagne Sud, Lab-STICC -  
Lorient

#### Funder

Région Bretagne

#### Labelisation

15/11/2019

#### Overall budget

1102 k€