Maritime safety and security

MCGS

CENTRE FOR SPATIAL DATA-PROCESSING AND OCEANOGRAPHIC SERVICES

The object of the MCGS project was to define a centre of expertise to produce information on the maritime sector and notably to enhance the technological performance of Sentinel satellites 1, 2 and 3.

Spin-offs and future developments

During the project, MCGS developed a virtual collaborative platform accessible to all science and industry professionals, capable of generating all information required for marine applications in sectors relating to aquaculture, fishing optimisation, oil and gas platform operational management, MRE, etc.

MCGS worked on three platforms in different French regions: visible and near-infrared radiometry (PACA region), ocean topography (Midi-Pyrénées) and wind/waves and currents (Brittany).
The platform has been operational since 2017 and is due to be launched commercially in 2018.

- **2 jobs created**
- **1 *enveloppe Soleau*** (intellectual property protection)
- **6 publications**
- **9 conference papers**

In collaboration with CNES which provided the link between MCGS and ESA, EUMETSAT and the European Commission (GMES).

The MCGS project is also recognised by the Pôle Mer Méditerranée and Pôle Aerospace Valley clusters.

Partners

Companies

ACRI-ST, Sophia Antipolis [Project Developer]
CLS, Brest et Toulouse

Research centers

GIS BreTel (IMT Atlantique Bretagne-Pays de la Loire), Brest
GIS COOC, Villefranche-sur-mer
Ifremer, Brest
Ifremer, La Seyne-sur-Mer
LEGOS, Toulouse

Funders

- Fonds Unique Interministériel
- Conseil régional de Bretagne
- Conseil départemental du Finistère
- Brest métropole
- Collectivités territoriales PACA

Labelisation

19/11/2010

Overall budget

5 332 K€