



Type II - PT02_Aviso3_0003

Portuguese Infrastructure for Storage and Dissemination of Satellite Sentinel Images

DESCRIPTION

The European Space Agency (ESA) has developed an ambitious program of Earth Observation (EO) called Copernicus program. Its implementation involves the construction, launch and maintenance of a set of remote sensors called Sentinel. ESA promotes the creation of national infrastructure, called National Mirror that allows storage and dissemination of the data collected by these sensors. In response to this purpose, DGT and IPMA, complementing their different areas of expertise, are formed as partners in the presentation of this application, which has as main objective the creation of this infrastructure for Portugal (IPSentinel). This platform also will be a repository for a set of services and information derived, created by experts and made available to the user community. Given that it is intended that the technological infrastructure can accommodate a very high volume of information, DGT and IPMA will seek a specialized technology partner in this area that can guarantee service levels deemed necessary to the project. The coordination and management of the infrastructure will be in charge of both institutions. The creation of derivative products from the Sentinel images will be the responsibility of the two institutions, which complement each other in their areas of operation. DGT is active in the fields of geodesy, geographic information production, land use and urban planning; IPMA focuses on the areas of sea and atmosphere. The partnership between the two entities allows an optimization of existing resources, complementing knowledge and methodologies.

PROJECT PROMOTER

Directorate-General for the Territory (DGT)

PROJECT PARTNER

Portuguese Sea and Atmosphere Institute (IPMA)

TOTAL COST

350.000€

TOTAL ELIGIBLE COST

346.749€

EEA Grant

294.737€

OUTCOME

Outcome#2 - Improve monitoring of marine waters

OUTPUT

Capability to store and disseminate data from Sentinel (Copernicus) satellites

INDICATOR

Number of technological infrastructures with the capability to store, archive and disseminate data from Sentinel (Copernicus) satellite observations

TARGET

1 Technological Infrastructure