



PT02_Aviso3_003

IPSentinel

Portuguese Infrastructure for Storage and dissemination of Satellite Sentinel Images



MINISTÉRIO DA AGRICULTURA
E DO MAR



Enquadramento do projeto

Copernicus Program



- European program for Earth observation, established by the European Commission (EU) under the Regulation 377/2014 and with the technical support of the European Space Agency (ESA)
- Objective: Delivering services that enable timely access to data and accurate and reliable information on the environment, civil protection and security
- Each Member State is responsible for the development and implementation of technological infrastructure aimed at the exploitation of the Sentinels Data



IPSentinel

- Sponsored by the General Directorate of Sea Policy (DGPM)
- Funded by EEA Grants program
- Partnership DTG and IPMA

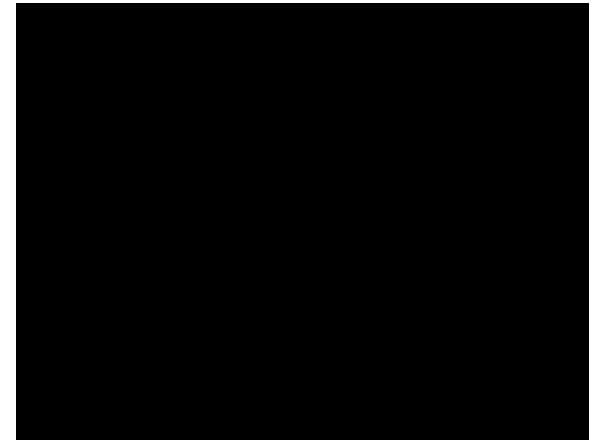


IPSentinel



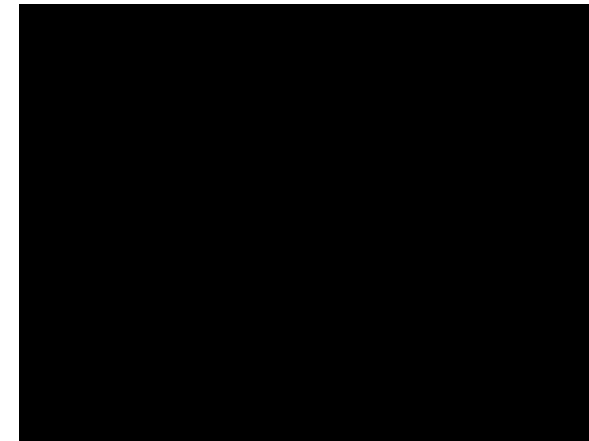
Objectives

- Implementation of the Copernicus program policies
- Implementation and coordination of a technological infrastructure for storage and dissemination of Sentinel satellites images – Portuguese National Mirror
- Promote the use of data from Sentinel missions in national territory by the Public Administration and Private Entities



Sentinel-1A

Open and free Sentinel Satellite images



Sentinel-2A

Copernicus.PT



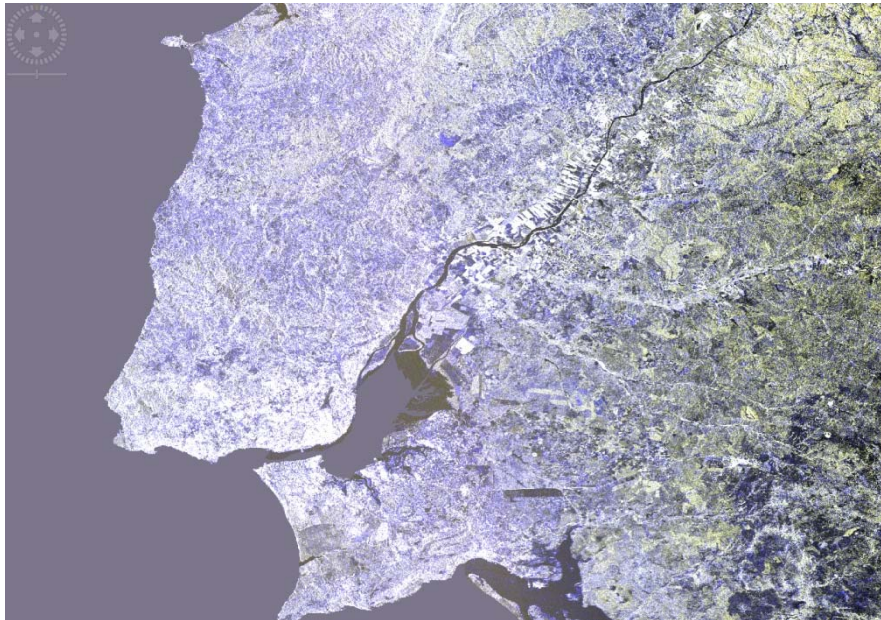
It provides:

- Information and documentation about European Copernicus program
- Documentation, training and events within the Earth Observation area
- Restricted area to the Earth Observation working Group
- Área restrita ao Grupo de Trabalho de Observação da Terra
- Access to the IPSentinel infrastructure
- Derivated Products and Services based on satellite imagery (European and national)

Copernicus.PT website will be the dissemination platform and access point for the Earth Observation community.

Produtos Derivados

Sentinel 1A - SAR



- Spatial Resolution: 5x5 m; 5x20 m; 25x100 m; 5x20 m
- Temporal Resolution: 12 dias

Sentinel 2A - Ótico



- Spatial Resolution: 10, 20 e 60 m
- Temporal Resolution: 10 dias

IPSentinel



- IP Sentinel – an infrastructure for the dissemination of Sentinel satellite images for Portugal with privileged access to Santa Maria Ground Station and ESA repositories;
- Major contribution to the development of Earth observation (EO) area in Portugal:
 - Open and free access to Sentinel Satellite images;
 - Creation of new monitoring services in various areas of EO (e.g. marine, terrestrial and atmospheric, climate change);
- Portugal reinforcement as an innovative country on the space segment

More Information:

www.dgterritorio.pt /copernicus

cartografia@dgterritorio.pt