



Land Monitoring Service

The FPCUP action: Fostering cooperation between Portugal and Spain in the Copernicus land domain

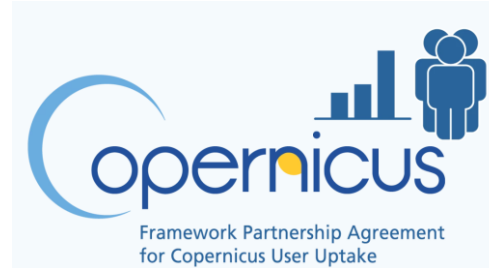


Validation and user uptake of Copernicus Land Monitoring Service products Spain & Portugal

6th July 2023

What is FP-CUP?

FP-CUP: Framework Partnership Agreement on Copernicus User Uptake



► Background

- The project started in July **2018** and is led by the German Aerospace Center (DLR) and funded by the European Commission (DG DEFIS)
- Response to an EU call to establish the Caroline Herschel Framework Partnership Agreement between the Commission and Copernicus Participating States.
- Thus, FPCUP is **one** specific part in the Commissions' User Uptake Strategy setting up a Framework Partnership Agreement (FPA) for user uptake with Member States.

► Structure

- Implemented in **annual work programmes**. Each work programme contains different action proposals by the FP Consortium (~50 partners from 23 countries)
- Currently, about **160 actions** are running



What is FP-CUP?



► Framework

The actions comprise **national and international user uptake activities**, as well as business solutions and innovative products and applications. In the framework of FPCUP the following **four actions types** are supported:

- National and multi-national information/training events (e.g. workshops, information days)
- Building an active dialogue
- Developing and piloting downstream applications and services
- Promoting national and multi-national innovative actions



What is FP-CUP?

► General Objectives

1. Promote the use of Earth Observation in applications and services;
2. Foster the development of a competitive European space and service industry and maximise the opportunities for European enterprises to develop and provide innovative Earth observation systems and services;
3. Strengthen the European autonomous access to environmental knowledge and key technologies for Earth observation and geo-information service and thereby enable Europe to achieve independent decision-making and action.



What is FP-CUP?

► Workflow

User uptake actions can be implemented as follows:

1. The user uptake action proposals of the consortium partners are submitted to the EU in the annual work programme (WP)
2. Work programme must be approved by the European Commission (EU)
3. Specific Grant Agreements (SGA) containing approved actions of the WP are prepared and submitted to the EU
4. SGA must be approved by the EU
5. Start of the approved SGA including its actions

So far, **4** work programmes (WP18, WP19, WP20 and WP21) have already been approved.

An action can be carried out by consortium partner(s) alone or together with external entities. The EU funds an SGA with max. 85%.

General description of the action

▶ Title: *Fostering cooperation between Portugal and Spain in the Copernicus land domain*

▶ Main Objective

To promote dialogue and user uptake in the Copernicus Land domain between relevant agents and re-sponsible national institutions in Spain and Portugal.

▶ Description

The action aims to promote dialogue and to identify common interests and problematics shared by both countries and tackle them in a joint manner. It will be mainly focused on:

- ▶ Remote sensing area: state-of-the-art R&D (e.g. AI, super-resolution), and DGT-IGN projects underway
- ▶ LC/LU national initiatives, and comparison with Copernicus products
- ▶ Hydrography: national vs EU-Hydro datasets

Current status

Activity in 2021-2022

- 3 main teleconference meetings between DGT and CNIG were carried out in 2021:
 - **kick-off meeting** (19 april 2021) - State of art at each institution, for the 3 main topics.
 - **second meeting** (25 may 2021) - Shared experiences from each side (e.g. Copernicus related activities (EEA, Eagle) and national programs for LCLU (SMOS, SIOSE)
 - **third meeting** (17 june, 2021) - Development of discussion on LCLU products, harmonization between borders workshop planning for Iberian users
- Some technical meetings have also been held in 2021: for example in-situ data meetings related to LiDAR, with the Tragsatec company
- Joint presentation at JIIDE2021: Iberian Conference of Spatial Data Infrastructure - “Fostering cooperation between Spain and Portugal in the Copernicus land domain”.

Current status

Activity in 2023

- One teleconference meeting to prepare the implementation of the action outcomes and results (30 march 2023).
- Several meetings organized by the 3 topics coordinators of each country to prepare the upcoming face-to-face meeting.
- Face-to-face meeting in Lisboa (17 may 2023), in order to conclude the action topics and prepare the final event.
- Preparatory online meetings for the final event and preparation of the final FPCUP action report.

Upcoming Portuguese Copernicus Activities

Courses in 2023-2024

FPCUP Courses

- Training course Sentinel-1 and Sentinel-2
- Training course Copernicus Land and SMOS products
- Training course Copernicus Emergency
- Event about Forest (with ICNF)
- Event about Agriculture (with IFAP)

SMOS Courses

- SMOS: produtos, visualizadores e aplicações Training course Copernicus Land
- COScid: Curso de análise da série multitemporal da Carta de Uso e Ocupação de Solo (COS) com o visualizador COScid do SMOS
- viSMOS: Curso de análise espaciotemporal do território com o visualizador viSMOS
- COSvgi: Curso de produção e partilha de informação geográfica voluntária com o visualizador COSvgi do SMOS





Thank you for the attention

