



Reinforcing the AI on Demand Platform by Advancing Earth Observation Intelligence, Innovation & Adoption

AI4Copernicus is a European H2020 project that aims to bridge Artificial Intelligence (AI) with Earth Observation (EO) world by making the already developed AI on Demand Platform, the digital environment of choice for users of Copernicus data, for researchers and innovators. AI4Copernicus belongs to the ICT49 projects cluster, enriching the AI on Demand Platform.



Project Objectives

- 1 Drive technical integration**
Expand and deepen the integration of AI on Demand Platform with DIAS platforms to enrich the AI4EU service offering and enable far-reaching innovation
- 2 Create an AI-EO Innovation cycle via Open Calls**
4 Rounds of Open Calls were conducted leading to 17 AI & EO Solutions and 2 citizen-driven social challenges
- 3 Drive the evolution, uptake, and impact of all involved platforms**
Build on the integration work in AI on Demand Platform and extend it to CREODIAS and WEKEO DIAS. Drive the evolution of DIASes from data and information access services that they currently are, to knowledge producing services as well.

AI4Copernicus Aims

AI on Demand Platform aims to be the one-stop shop for AI methods, datasets and community in Europe

AI4
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EO data and services have reached a significant level of maturity via the DIAS (Data & Information Access Services) platforms and produce value in various domains

AI4Copernicus aims to bridge these two worlds:

Make the AI on Demand Platform, the platform of choice for users of Copernicus data along the value chain (scientists, SMEs, non-tech sector)

AI4Copernicus is part of the ICT49 Ecosystem

AI4
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AIPLAN
4EU



i-energy
Renewed Intelligence
for Energy

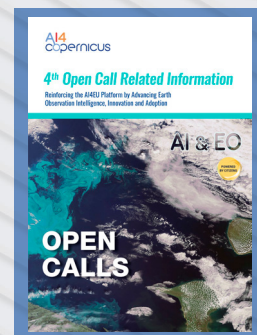
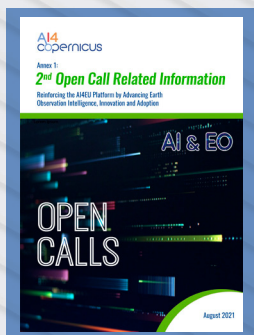
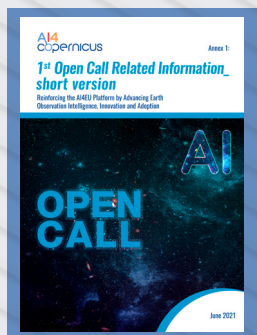
BONSAPPS

STAIRWAI

Supported by AI on Demand Platform
www.ai4europe.eu

AI4Copernicus Open Calls

AI4Copernicus through the Open Calls, aims at creating an open, inclusive & sustainable AI-EO innovation cycle and at bridging the gap between AI & data-driven innovation. This is performed by facilitating value-driven co-creation among diverse user-groups & communities, providing economic, social & environmental benefits.



1st Open Call
Use-cases in 4
Industrial Domains:
Energy, Security,
Health, Agriculture



Energy Security



Health Agriculture

2nd Open Call
Citizen-driven social
challenges



Female Male

3rd Open Call
Experiments



Environment Maritime



Other

4th Open Call
Use Cases based
on citizen-driven
social challenges



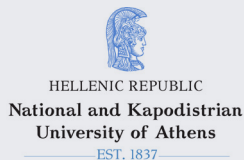
Security Health



Other Agriculture



Partners



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