



**WEkEO**  
by COPERNICUS

# Why is WEkEO unique amongst the DIAS?

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## Introduction to the WEkEO DIAS



Implemented by



EUMETSAT, ECMWF, EEA and Mercator Ocean International have joined their experience and skills to build up **WEkEO** in a stepwise approach, minimising the risks, capitalising on user feedback, and strongly involving the industry through procurement.



Implemented by





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WHAT IS WEKEO?

# 1 WHAT IS WEkEO?

**Partners**  
(data producers)



+

**All the Copernicus Data**



Atmosphere



Marine



Land



Climate Change



Emergency

+

**Services & High Level of Support**  
=



INFRASTRUCTURE



TOOLS



USER DEVELOPMENT & MANAGEMENT



USER SUPPORT High Level



MARKETPLACE

**WEkEO**



# 1

## WHAT IS WEKEO?

### 1

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### 2

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### 3

First it offers a **single access point to all Copernicus data** and information for free download including all Sentinels satellite data, contributing missions and Copernicus Services.

It also offers **cloud-based hosted processing and tools** allowing you to transform Copernicus data and Services into your own specific business and promote them.

The third strong asset of WEKEO is user assistance and training, capitalizing on EUMETSAT, ECMWF and MERCATOR OCEAN's recognized **experience of Copernicus and EO services**.

COPERNICUS  
DATA



VIRTUAL ENVIRONMENT  
& TOOLS



USER  
SUPPORT



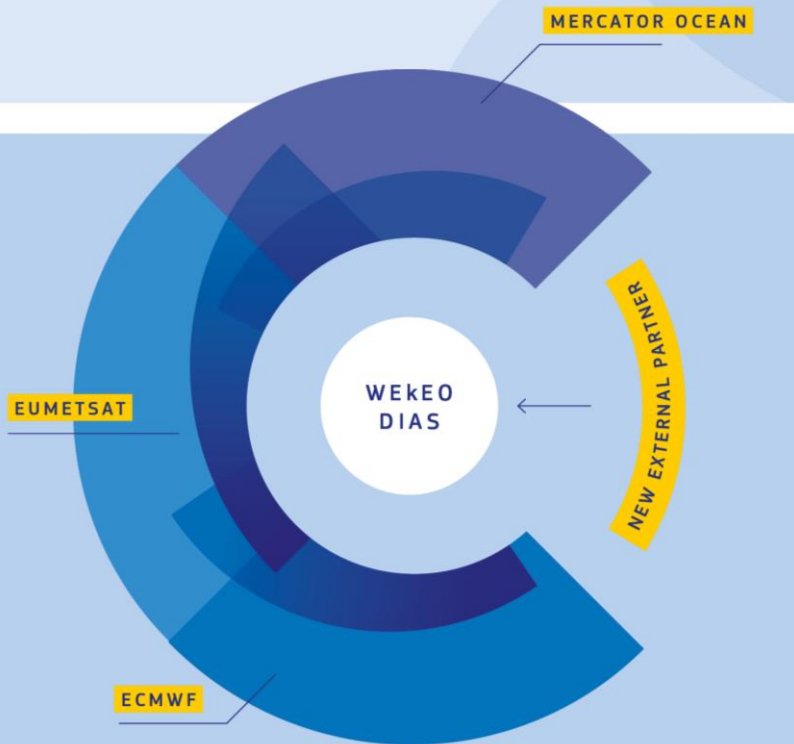


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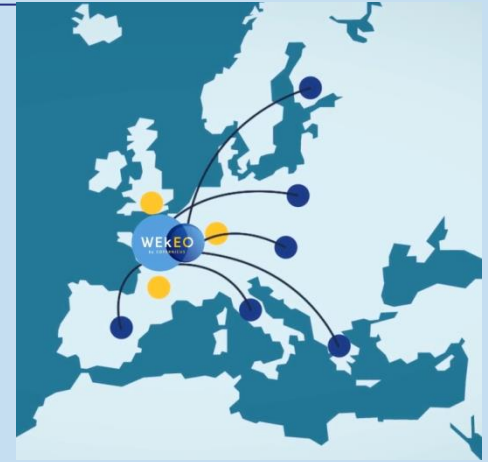
# WEKEO: A DISTRIBUTED INFRASTRUCTURE

## 2

## A DISTRIBUTED INFRASTRUCTURE

A DISTRIBUTED  
INFRASTRUCTURE

The Most up-to-date Copernicus Data & An Expanding Data Offer in the future.



➔ **WEKEO's distributed infrastructure relies on the Copernicus organisation** already in place in the 3 centers: infrastructure and data from the 3 centers are not duplicated but rather linked together, reducing costs for the European tax payer and avoiding the need for new energy-consuming infrastructure.

➔ This approach gives users direct access to work with the **most up-to-date Copernicus data** instead of having to rely on copied, archive datasets.

➔ Finally, this federative approach can be extended to other selected external partners, so the system has the **potential to continually grow and expand in the future.**



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## WEkEO: MAIN ASSETS OF WEkEO



# 3

## MAIN ASSETS OF WEkEO

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**Data is not a copy:** Access updated and timely Copernicus data directly **from the original sources:** up-to-date data, metadata and documentation



**Expert User Support** delivered by the institutions that produce and manage Copernicus and Sentinel data



**Harmonized Data Access:** Use WEkEO's REST-based single protocol to scale and evolve your code, easily integrating all data sources from a virtual station, a Jupyter Notebook or a desktop application of your choice, and using homogeneous subsetting attributes.

**VIDEO** here: <https://www.youtube.com/watch?v=oU-7qTRlhmg>

# 3

## SINGLE ACCESS POINT wekeo.eu

WEKEO SERVICES DATA DOCS SUPPORT PRICING REGISTER SIGN IN

**Copernicus and Sentinel data at your fingertips**  
alongside cloud computing resources and tools

[Register now](#)

Fighting against COVID-19? [Contact us for free cloud resources](#)

WEKEO in 1 minute

À regarder ... Partager

European Commission Copernicus Europe's eyes on Earth

**Browse and download Copernicus and Sentinel datasets in a unified way**

[Access data](#)

**Build your application on modern cloud infrastructure with a panoply of processing tools**

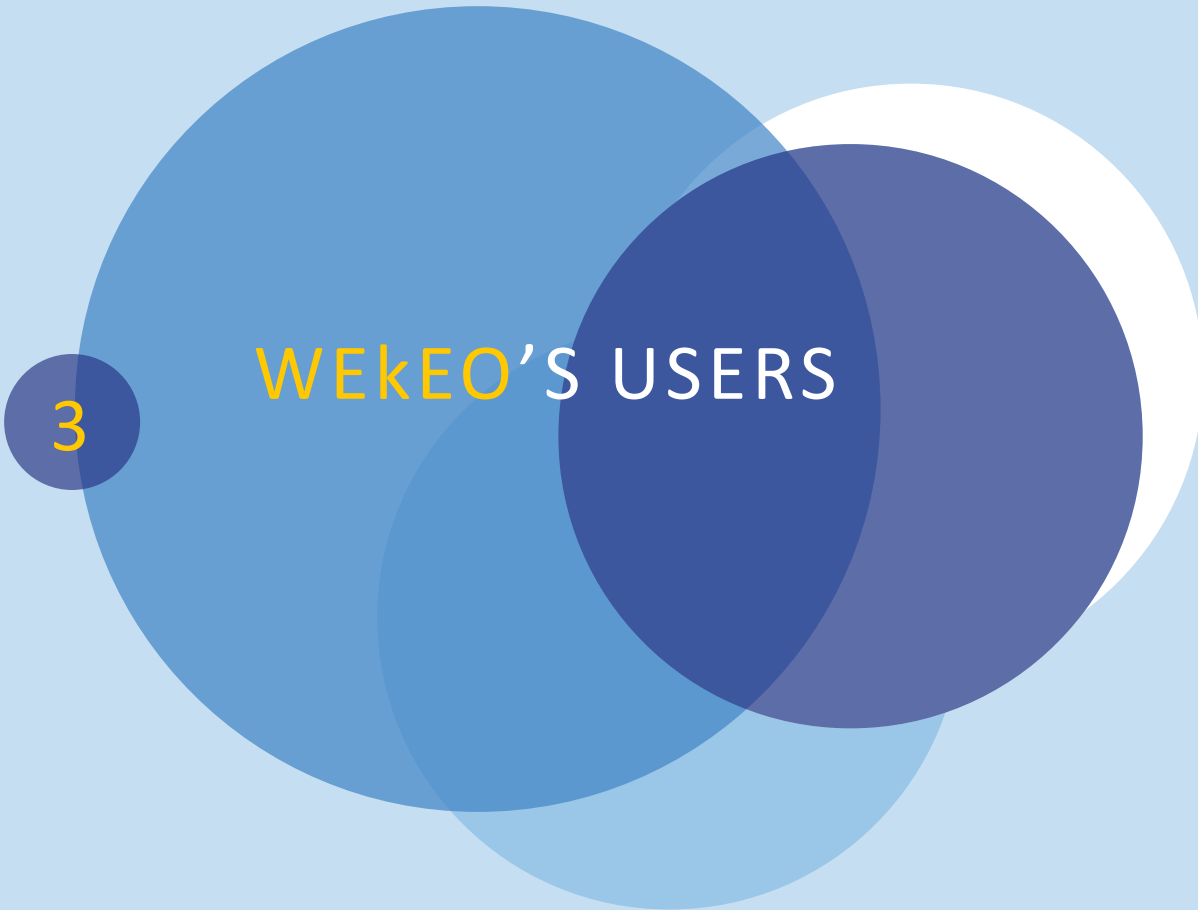
[Register](#)

**Discover what others have built with WEKEO data and tools, and become a part of a community**

[Coming soon](#)

**Enjoy comprehensive support on infrastructure, tools, as well as Copernicus and Sentinel data**

[Talk to our experts](#)



3

## WEKEO'S USERS

# WEKEO'S USERS

## INSTITUTIONAL USERS



European Member States

National, European and International Policy Makers

Regional, National, European and International Agencies and Related Bodies

## PRIVATE SECTOR USERS



Private Companies

Large Corporations

Startups

SMEs

## RESEARCH & CIVIL SOCIETY



Environmental Scientists

H2020 Projects

General Public

NGOs and Foundations

3

## JOIN US!

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JOIN THE WEKEO  
COMMUNITY

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**Web portal:**  
[wekeo.eu](http://wekeo.eu)



**@WEkEO\_dias**



**Service Desk's email:**  
[support@wekeo.eu](mailto:support@wekeo.eu)