



# Space and Earth Observation Programme

 @ClimateKIC

Co-funded by the  
European Union



[www.climate-kic.org/programmes/research-innovation/copernicus/](http://www.climate-kic.org/programmes/research-innovation/copernicus/)



# Our missions

Under the EU Space Skills, Digital and Climate policies, Climate-KIC can take the intermediary role to bridge the space ecosystem with non-space ecosystems

- Promote and build actions on the synergies between space and climate
- Fill the market gaps through skilling students, reskilling the workforce, share innovation best practices
- Enable KIC's and EIT's role within the context of the EU research and innovation activities,
- Support the European Commission implementing the EU Space programme

# EIT Climate-KIC projects and initiatives



*InnoSpace Journey*



# EO4GEO

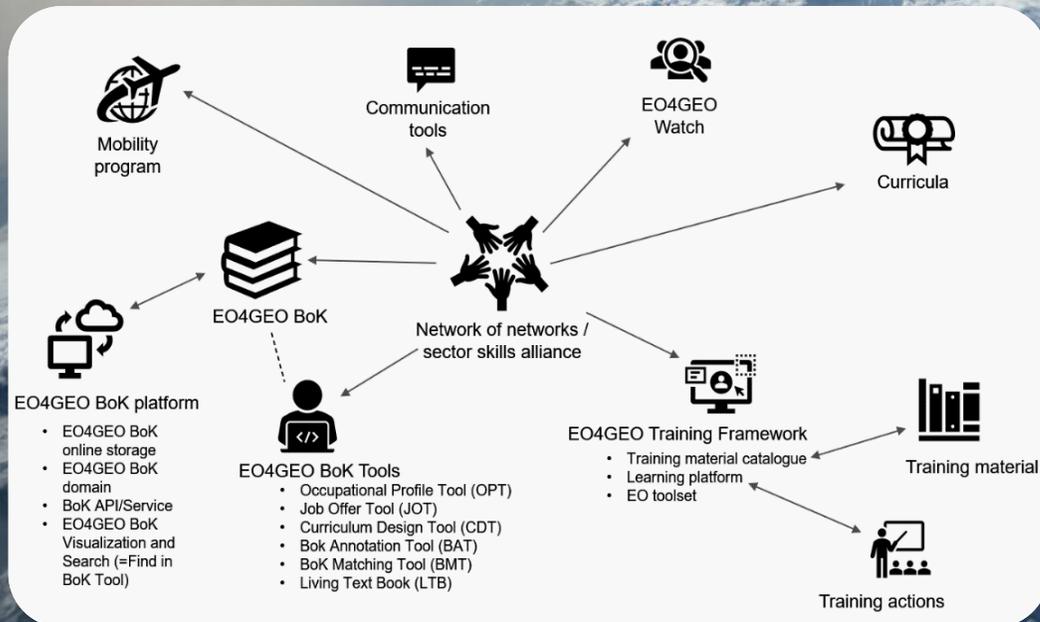
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[www.eo4geo.eu](http://www.eo4geo.eu)



# EO4GEO – The project

- **WHAT:** To foster the growth of the European EO/GI sector ensuring a workforce with the right skills, in the right place, at the right time.
- **HOW:** By bridging the skills gap in the space/geospatial sector by creating a strong alliance of players from the sector/community.



## OUTPUTS:

- Ontology based Body of Knowledge (BoK)
- BoK tools
- Curricula and training materials

# Our Space Our Future

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[www.ourspaceourfuture.eu](http://www.ourspaceourfuture.eu)



**OUR SPACE  
OUR FUTURE**

# Our Space Our Future

## OBJECTIVES

- Foster the interest of young students in space-related topics by bringing space science to the classroom
- Illustrate the diversity of space careers

## OUTPUTS

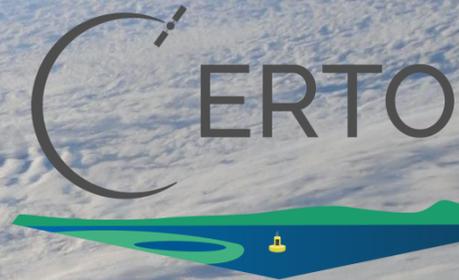
- Set of interventions delivered in schools and science fairs
- Development of teacher trainings
- Toolkit of resources and activities



OUR SPACE  
OUR FUTURE



Climate-KIC



# CERTO

Copernicus Evolution – Research for  
Transitional-water Observation

[www.certo-project.org](http://www.certo-project.org)



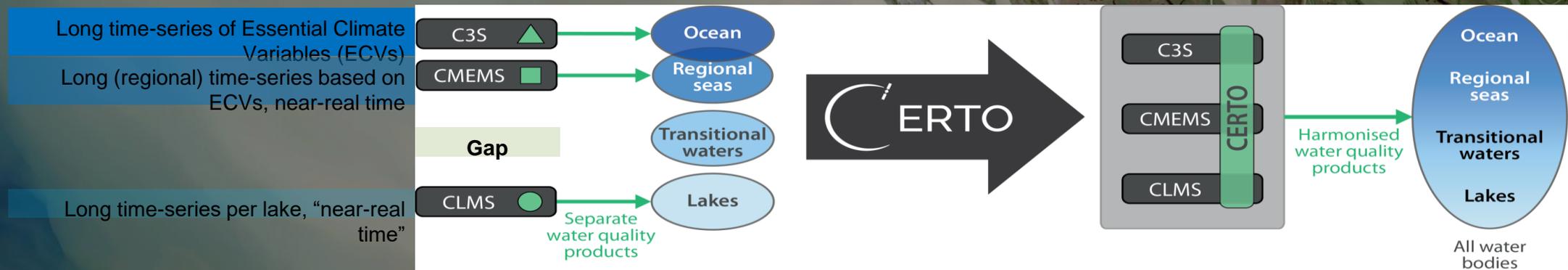
# CERTO

## OBJECTIVES

- To harmonise between the different Copernicus services approaches and develop specific correction methods for water quality in transitional waters
- Develop indicators for policy and science users operating in transitional waters

## OUTPUTS

- A prototype of harmonised water colour data across different aquatic environments
- Services and indicators for water quality



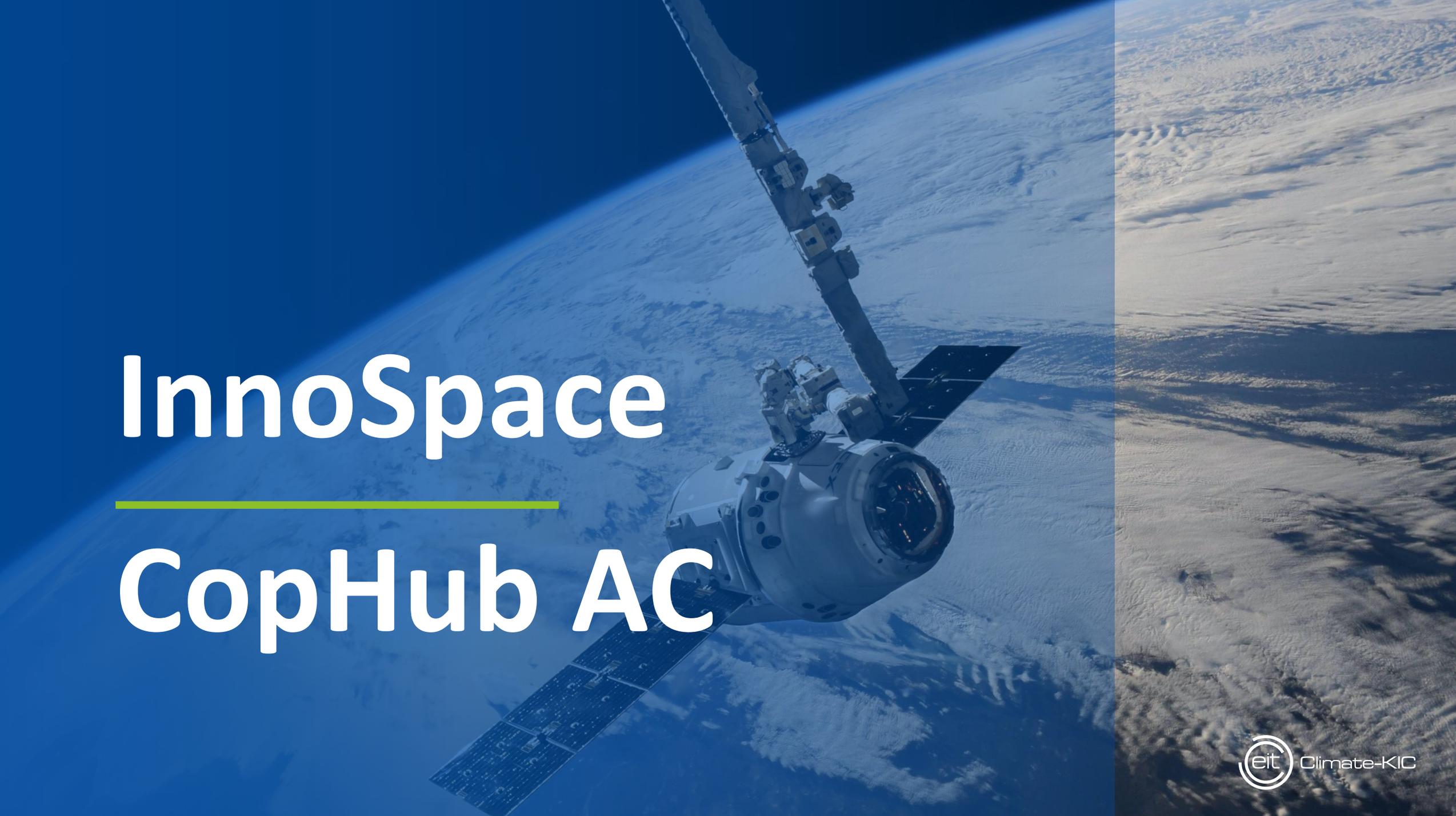
# PROTECT

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*Preparing a Pre-Commercial PROcurement  
for end-user services based on  
environmenTal obsErvation in the area of  
Climate change adapTation and mitigation*

# PROTECT– The objectives

- Raise awareness on the possibilities of pre-commercial procurement (PCP) offers for the development of high-tech solutions such as climate services
- Foster the interest in pre-commercial procurement on behalf of potential (public and private) procurers
- Identify the specific needs and opportunities for PCP in the fields of Utilities, Green communities, Circular and bioeconomy, Land use and Marine environment, Civil security and protection

A photograph of a space station module in orbit above Earth. The station is white with solar panels and is attached to a long arm extending from the station. The Earth's surface is visible below, showing clouds and landmasses. The background is a deep blue space.

**InnoSpace**

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**CopHub AC**

# Past projects: InnoSpace and CopHub AC

## InnoSpace

- European-led global climate innovation network to mainstream space data applications
- Empowering a community of innovators and entrepreneurs to create new opportunities across the Space value chain

Main activities:

- **Copernicus Climathons**
- **Copernicus InnoSpace Journey**

## CopHub AC

- Long-term Copernicus hub to consolidate and sustain the Copernicus Academy as a knowledge and innovation platform
- Links ongoing R&D activities in Copernicus-relevant academic fields and sustains the innovation process from academia to business on a high scientific and technical level.



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