

# An Ecosystem of Citizen Observatories for Environmental Monitoring

Inian Moorthy, Steffen Fritz, Linda See, Uta Wehn, Drew Hemment, Joan Masó Pau, Athanasia Tsertou, Katrin Vohland, Michele Ferri, Ian McCallum, Dahlia Domian, Gerid Hager, Christoph Perger

















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### WEOBSERVE MISSION



Move citizen science into the mainstream by building a sustainable ecosystem of citizen observatories and related activities



















# WEOBSERVE OVERVIEW



**CITIZEN SCIENCE PROJECTS** 

CITIZEN SCIENCE ASSOCIATIONS

**CITIZEN SCIENCE PLATFORMS** 

WEOBSERVE ECOSYSTEM

**CITIZENS** 

**POLICY MAKERS** 

RESEARCHERS

**NGOS** 

**DECISION MAKERS** 

**INDUSTRIES & SMES** 

**GROUP ON EARTH OBSERVATIONS** 

# KEY CHALLENGES TO MAINSTREAMING CITIZEN SCIENCE



#### **AWARENESS**

Generating awareness to build and sustain a critical mass to support citizen science initiatives



#### **ACCEPTABILITY**

Showcasing the added value of citizen-driven science to decision and policy makers



#### **SUSTAINABILITY**

Creating an ecosystem that can support and scale-up citizen science to various sectors





Develop communities of practices around key topics to assess the current CO knowledge base and strengthen it to tackle future environmental challenges using CO-driven science

- 2
- Extend the geographical coverage of the CO knowledge base to new communities and support the implementation of best practices and standards across multiple sectors
- 3
- Demonstrate the added value of COs in environmental monitoring mechanisms within regional and global initiatives such as GEOSS, Copernicus and the UN Sustainable Development Goals (SDGs)
- 4
- Promote the uptake of information from CO-powered activities across various sectors and foster new opportunities and innovation in the business of in-situ earth observation

## WEOBSERVE COMMUNITIES OF PRACTICE





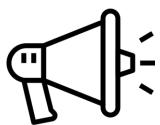




**COP 1: ENGAGING STRATEGIES & CO-DESIGN COS** 

**COP 2: IMPACT & VALUE OF COS FOR GOVERNANCE** 

**COP 3: INTEROPERABILITY & STANDARDS FOR COS** 

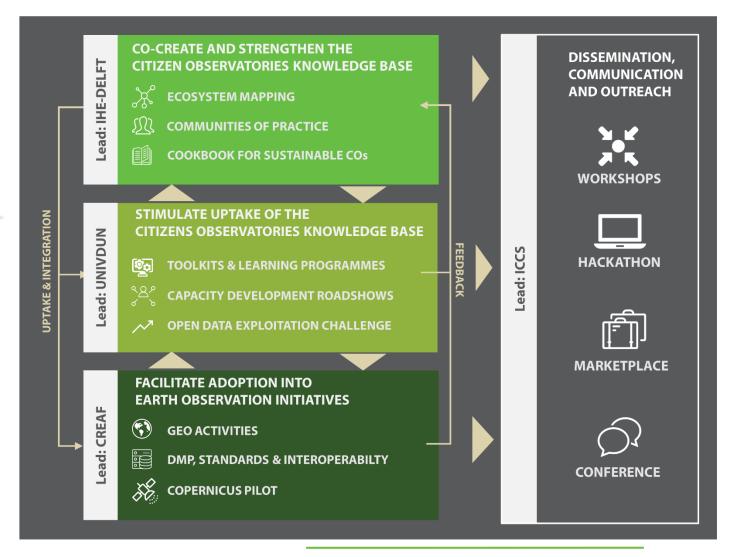


#### **CALL FOR PARTICIPANTS**

1<sup>st</sup> CoP Forum at ECSA Conference, Geneva – JUNE 6

https://www.ecsa-conference.eu/

# WEOBSERVE PROCESS





# **THANK YOU!**

Any Questions?

https://www.weobserve.eu/

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