

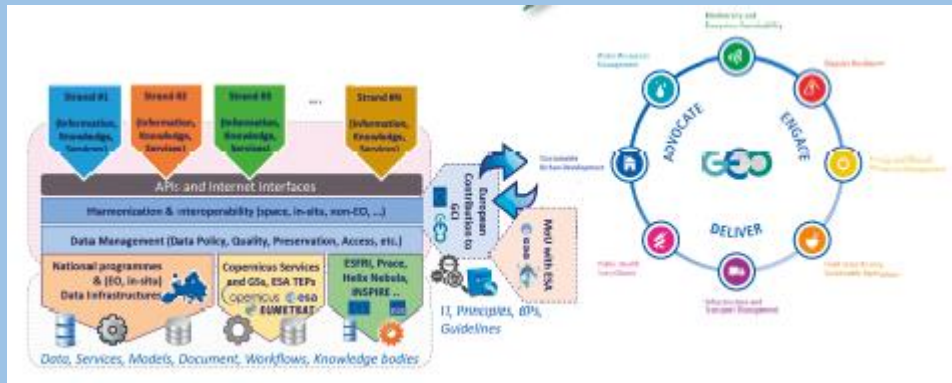
## Overarching goal

Development of a Transnational Environmental Observation System in Support of European & International Policies through the integration of real-time monitoring data from several platforms, modelling tools and advanced, global, cyber-infrastructure for data sharing and interoperability.

## Specific objectives

- To prepare and launch a two-stage joint transnational call along four Strands
- To fund projects according to a priority list set by external experts
- To monitor funded projects and report progress accordingly
- To develop a strategic research agenda to reinforce the ERA and to coordinate the cross- and inter-cooperation of European and national programs in key and selected EO domains.
- To coordinate initiatives with the aim to improve the interoperability among the existing and future projects on EO and links to the GCI.

Using state-of-the-art Key-Enabling Technologies KETs (i.e. Data Policy and Quality, e-Infrastructure & Interoperability)



**Horizon 2020**  
Call: H2020-SC5-2015-one-stage  
Type of action: ERA-NET-Cofund  
Grant Agreement No: 689443  
Proposal Acronym: ERA-PLANET

**Duration:** 60 months  
**Start date:** February 1, 2016  
**Estimated Project Cost:** €52,348,916.25  
**Requested EU Contribution:** €11,000,000.00  
**Contact:** Nicola Pirrone, Director CNR-Institute of Atmospheric Pollution Research, Italy, [pirrone@iia.cnr.it](mailto:pirrone@iia.cnr.it)



### Strand 1

Smart Cities and Resilient Societies addressing issues such as urban growth, air quality, natural and manmade disasters, health, contaminated sites.

### Strand 2

Resource Efficiency and Environmental Management including water, energy, food security, biodiversity.



### Strand 3

Global Change and Environmental Treaties with focus on toxic and persistent pollutants, harmonization of atmosphere-ocean-terrestrial observations and models, ecosystems' response, support to policy implementation.



### Strand 4

Polar Areas and Natural Resources targeted at environmental pressure from increasing anthropogenic activity, including monitoring and assessment of ecosystems' quality in Arctic and Antarctic.



## Participating Countries



CONSIGLIO NAZIONALE DELLE RICERCHE	CNR	
UNIVERSITA DELLA CALABRIA	UNICAL	
ISTITUTO SUPERIORE PER LA RICERCA AMBIENTALE	ISPRA	
UNIVERSITA' DEGLI STUDI DI PADOVA	UNIPD	

## Partners-Italy