

A public-private collaboration initiative for innovative Earth Observation (EO) technologies and methodologies for investigating climate change impacts by means of an inter-disciplinary approach: the OT4CLIMA project

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Objectives




OT4CLIMA specific objectives are to:

- Develop **innovative techniques and methodologies** for analysing and interpreting Earth Observation data to study impacts of climate change on environment and territory;
- Develop and experiment **advanced in-field technologies** (airborne sensors and/or unmanned platforms) for the measurement of high-interest climate and environmental parameters;
- Develop **market-oriented products/services/applications** based on remote sensing data;
- Improve the capacity of **adequately and timely responding to the extreme events** and climate-related environmental emergencies;
- Improve existing **strategies for monitoring, protecting and controlling the environment** and territory through innovative decision support systems.
- Develop innovative **decision support systems (DSS)** based on smart integration not only of data but also of products.

Partnership



PUBLIC RESEARCH/ACADEMY BODIES


Consiglio Nazionale
delle Ricerche

Leader Partner
(13 research Institutes
involved)



UNIVERSITÀ
DELLA CALABRIA



UNIVERSITY OF TRENTO



PRIVATE SECTOR

IDS
INGEGNERIA DEI SISTEMI

e-geos
AN ASI / TELESPAZIO COMPANY



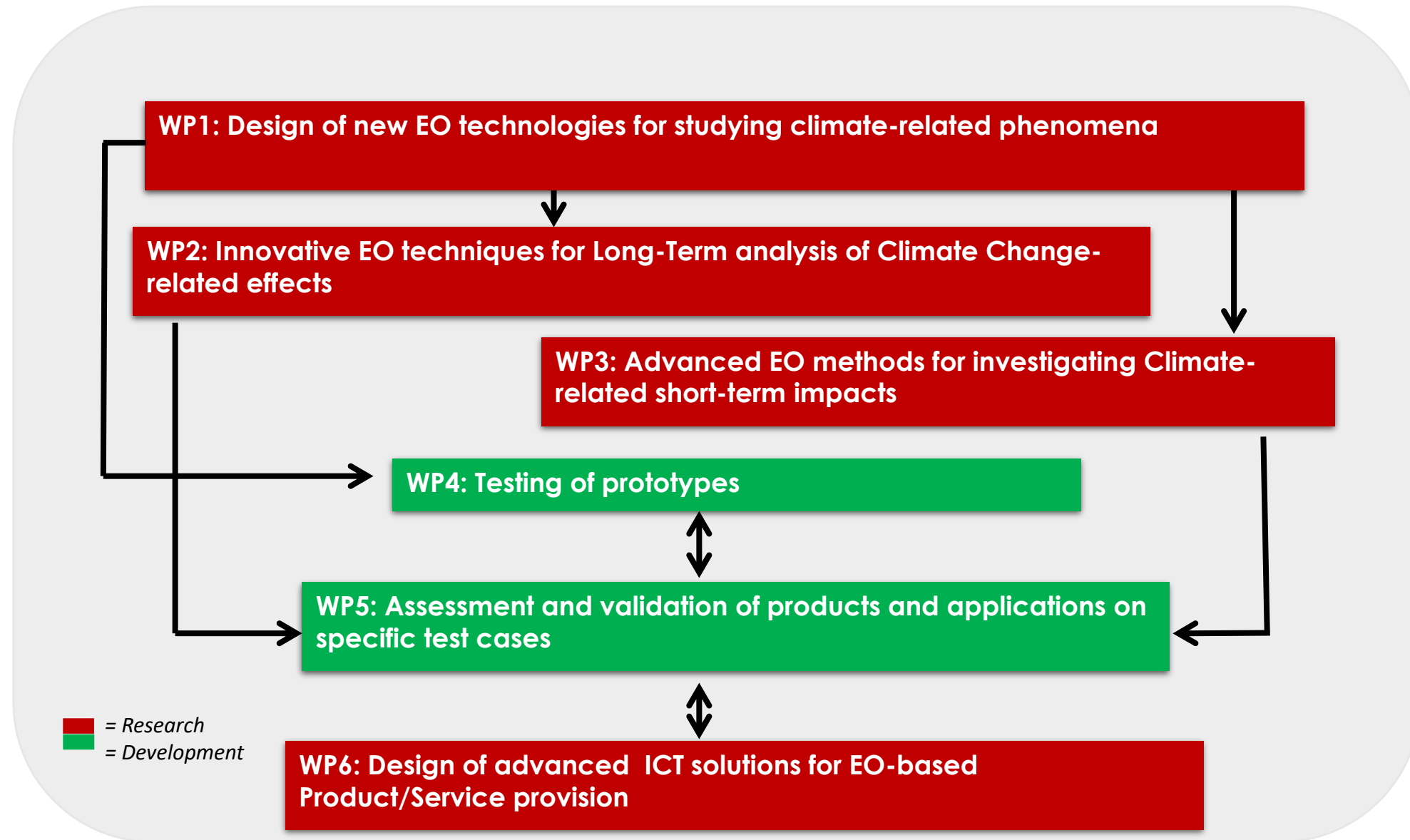
CORISTA



OT4CLIMA - Advanced EO technologies for studying Climate Change impacts on the environment



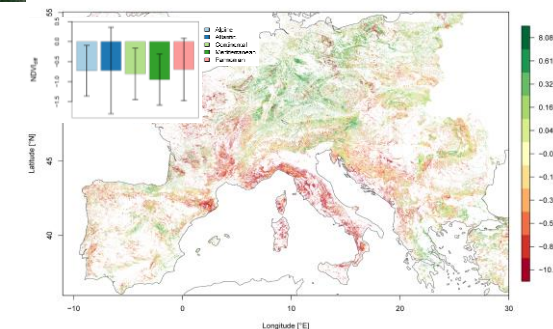
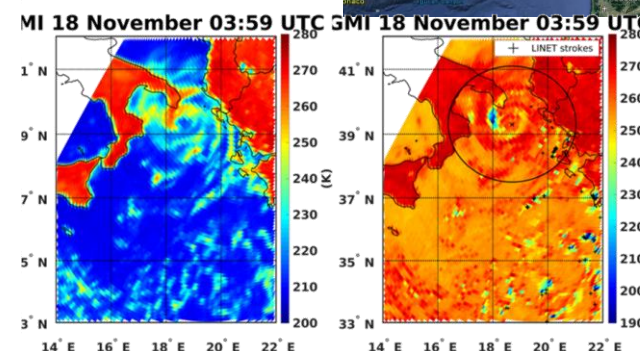
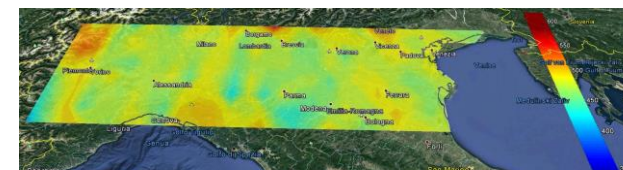
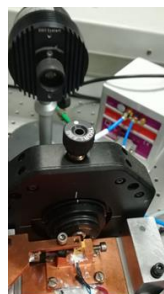
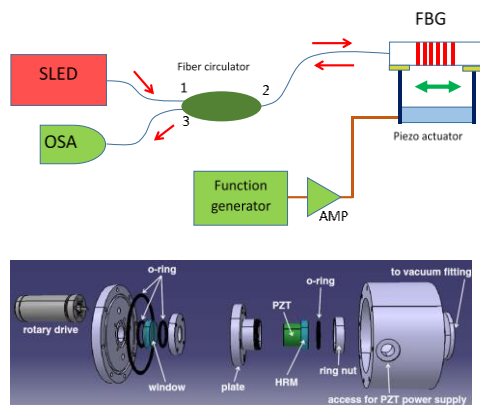
Implementation



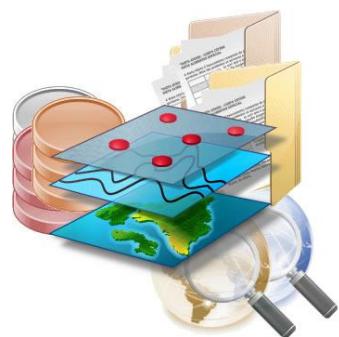
Approach

Proposing improved EO methodologies

Designing and developing advanced EO technologies



Exploitation



Lab and in-field testing and validation

