

# Funding opportunities

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# As stated earlier in the week ...

- We keep bemoaning lack of resources.
- Relevant funding calls, however, often go uncompleted.
- We have been successful in the past e.g. GAIA-CLIM and C3S 311a Lot 3
- How do we become more successful in future? Role for Dave and / or science advisor?

# Immediate opportunity

- H2020 LC-SPACE-19-EO-2020: Copernicus evolution: new concept for an innovative and holistic solution for Sentinels calibration & validation
- the main goal of the support and coordination action should **define an innovative an holistic strategy for the cal/val activities** for and across all existing and planned Sentinels in **an operational perspective** to better access to the necessary infrastructure for Fiducial Reference Measurements.

1. The clear identification of cross-Sentinels calibration requirements (from level 0 to level 1 data) and of validation requirements (from level 1 to level 2 data)
2. The clear identification of different cal/val sources: e.g. other satellites, on board calibration, in situ networks, ad hoc site characterization with an overview of existing relevant networks, their distribution and current resourcing
3. The comparative evaluation of various methodologies including those which are operational and those which are in a pre-operational status, evaluation of the steps needed to bring the latter to an operational level

1. The project should design a comprehensive operational approach for medium and long term cal/val strategy for and across all existing and planned Sentinels with a particular focus on:
  1. The definition of appropriate reference networks and gap analysis with respect to existing ones, an assessment of the sustainability and operational status of the existing networks, an assessment of "interoperability" needs between networks
  2. The definition of the characteristics and the location of an optimized sites or "Sentinel supersite(s)", or where necessary of supersite definition per domain (land, atmosphere and ocean)
  3. An evaluation of the direct impact on level 3 products when relevant.
2. The linkage between EU and non-EU aspects of the networks needs and identifying the necessary non-EU partnerships to prioritise
3. The definition of a long-term strategic reference scenario for the implementation of the required infrastructure

- The project should also propose recommendations and establish a roadmap to develop this innovative “Sentinels cal/val concept” with specific reference to the “Copernicus supersite(s)” definition and their distribution, including considerations on data quality check, harmonization, traceability, distribution and conservation process of related information.
- Involvement of post-graduate scientists, engineers and researchers is also encouraged, for example through professional work experience or through fellowships/scholarships as applicable
- The Commission considers that proposals requesting a contribution from the EU of EUR 3 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

# Call will close later this year

- GRUAN should be involved
- Who? How? Lead or participant?
- Do we know of other consortia?
- Etc. etc.