Trajectories and spirals: Roles and Responsibilities in the European Capacity for Climate observations

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Background

- Implementation & transition implications actively pursued bi-laterally and multi-laterally;
- There is a clear understanding of the complementarity between the different programmes;
- Europe will continue to play a leading role at the international level both with the user and climate policy communities as well as in coordination mechanisms with the EO data providers (e.g. CEOS/CGMS WGClimate, WDAC …);
- There is recognition of the need for continued research in advancing the state-of-the-art and the feedback mechanisms (e.g. H2020) and dedicated programmes (e.g. CCI+) are being put in place to address this;
- The European Institutions will cumulatively invest ~200 MEuros in the next 5 years on the generation of ECV products & climate data records.

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  Are there gaps in opportunities and mechanisms (e.g. time span between for research to impact operations) ?

  What aspects are best done under H2020 and what are best done under Space Agency programmes ?

  How do we ensure that transfer to routine (op.) production (e.g. Copernicus/C3S, SAF) free up resources for continued research but without completely eliminating the R&D investment on a specific product ?

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- **How do we better engage the Members states? Both the "data providers" and research funding agencies ?**