

# Report Break-Out Session #4

## Interactions with Space Agencies and Lessons Learnt

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# Interactions with Space Agencies

What can be translated to space agencies for the long-term?

- Scientific/intellectual synergies?
- Consistencies and inconsistencies?
- Concrete plans?
- Ideal implications for Copernicus services?



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# Interactions with Space Agencies

- Synergies with ESA-funded FRM projects (list of ECVs, AQ...)
  - EUMETSAT interest in FRM developments
  - Mismatch not addressed in FRM projects => should be promoted and generalized since significant impact
  - Many activities ongoing at ESA, EUM, EC projects
    - => ESA (CCI)/EUM (SAFs) Workshop on Uncertainties (TBC)
    - => Recommendation to align with a FIDUCEO FCDR workshop for coordination/harmonization purposes
- Window: March-May 2018, to be in line with CCI+ ?



# Interactions with Space Agencies

- VO: Maybe application in ECMWF-EUMETSAT C3S contract
- Maybe adaptation and use of VO and GRUAN processor for SAF applications
- Potential interest of CEOS Cal/Val Portal in VO functionalities (mapping observational capabilities, validation sources...)



# Interactions with Space Agencies

## GAID

- Must be reviewed externally => organize a panel of 3-6 experts? E.g., GCOS Sec?
- *A priori* prioritization is dangerous. If any, should focus first on the impact of the gap. Rather an internal tool for the formulation of 12 more generic recommendations.
- GAID/Recomm/VO to be communicated to GCOS, GAW, ORM, WCRP, WMO Space Office, CEOS (WGs, VCs), CGMS, EEA, specific SAT validation groups, network SCs



# Interactions with Space Agencies

Ideal implications for Copernicus Services (CAMS and C3S) ?

- Harmonization of QA across C3S components is a continuous process => mechanisms, resources...
- How to propagate L0-3 QA downstream? And feedback from downstream?
  - Interaction to be enhanced between L1/2/3(/4) QI and sectorial info QI => E.g., C3S workshop in March
- CLIPC project now completed, lessons learnt from it.
  - Severe differences in language between levels.

