

# DATA PERSPECTIVE

## Summary of Breakout Session

Have you assembled a full FCDR from the starting date up to the present?

CCI has made big effort in generating FCDRs in various projects, but full FCDRs is still a big challenge. This is an incremental process needing sustained effort and cross ECV collaboration (also with other Agencies)

Is there systematic data access to all the data you need (for FCDR and for validation)?

Informal collaboration between some projects and different space agencies is in place but it is ad hoc. May need some further formalisation

Some projects depend extensively on external data sets,

Access to third party missions is now required:

e.g.        Landsat, very high resolution Optical data  
              ALOS PALSAR (1/2), TERRSAR / TANDEM-X  
              NASA-Missions: PMW, OCO,  
              JAXA: GOSAT, GCOM

## Is traceability to SI units implemented?

For some ECV methodologies is clear (e.g. SST)

For other ECVs still unclear (e.g. Land cover classes) and further work is needed

**Cross ECV Coordination at CCI programme level is requested.**

## Do You need fiducial Reference data?

There is need for reference measurements to be in place to ensure the long term record of the product performance.

(e.g. esp. If satellites change or there is a gap)

**There is a need to establish FRM for each product:**

Each team needs to KNOW what their fiducial measurements are.

How are you managing your archives/access to the data you need as inputs??

- Hosted processing Solutions are required for CCI – especially in Sentinel-era
- Bring algorithms to the data not data to users
- Tools to manage archives are required

What is the long term preservation data strategy for CCI?

What is the plan for ECV processing centres in the future of hosted (cloud type) data processing management frameworks?

