



Committee on Earth Observation Satellites

CARD Journey and Lessons Learnt

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SIT co-Chair

CEOS SIT-35

Session 3 and Agenda Item 3.1

Virtual Meeting

25 – 26 March 2020





- LSI-VC vision
- Definition of ARD products – Land context

2015

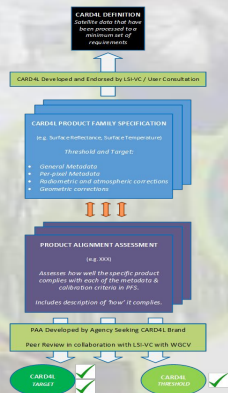
2016

- CEOS ARD for Land
- Definition created
- Framework created
- Endorsement



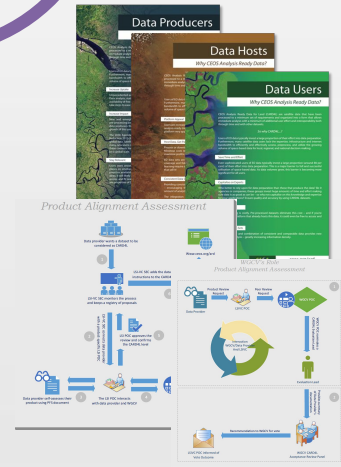
- PFSs (SR, LST, NB) created
- Expert community engagement
- Review Cycle defined
- Feedback
- PFS update

2017



2018

- SAR CARD4L Team created
- Preliminary self-assessment process
- Self-assessment feedback used for PFS update
- Definition of peer-review process (WGCV)



- SR, LST and NB PFSs endorsed
- Self-assessment guidelines created
- Formal Self-assess started by agencies
- PFS for LIDAR products Team created
- ARD strategy created

2019

2020

- Peer-Review process started
- SAR PFS endorsement
- Industry engagement
- CEOS ARD Interoperability Terminology Report

- **Commercial sector engagement in the CEOS ARD process.**

A discussion paper (open for comment) was produced (lead by the SIT Chair and LSI-VC) as the basis for industry consultation and workshops (CEOS ARD workshop – Sep).

- **Additional radar specifications will be tabled for endorsement.**

All radar specifications will be aligned in terms of terminology and format to ensure consistency (Polarimetric Radar, Differential interferometry and, Geocoded SLC)

- **Peer-review of agencies self-assessments** (led by WGCV) will be catalogued for promotion and ease of access for users

- **CEOS Interoperability Terminology Report** which aims to provide examples on specific terms associated with ARD such as; Analysis Ready Data, CEOS ARD for Land Products, Interoperable Products, Harmonized Products and Fused Products. This task will draw from previous work done in CEOS by LSI-VC, WGCV (IVOS), and WGISS.