



An introduction to the CDSSG: Climate Data from Space Stakeholder Group

Harwell, 22/4/15

CDSSG: The story so far

- “Climate data from space stakeholder group” initiated in 2014 by UKSA and NCEO to develop a shared vision for the UK around climate data from space
- ...in response to the Space Innovation and Growth Strategy recommendation:
“The UK should act quickly to develop operational climate related information services including satellite and other observations and measurement data. The UK should establish a seamless supply chain for these services...”
- The role of the Climate Data from Space Stakeholder Group is to coordinate the Earth Observation contributions to the implementation of a UK Climate Service capability.



Who is the CDSSSG?

- Coordinator: Debbie Clifford, Institute for Environmental Analytics (University of Reading)
- Chair: Head of Earth Observation, UKSA
- Members of the group
 - Bodies making significant contributions to the development and delivery of the supply chain for climate data from space
 - Bodies who will be significant users of climate data from space
- Summaries of meetings are shared publically



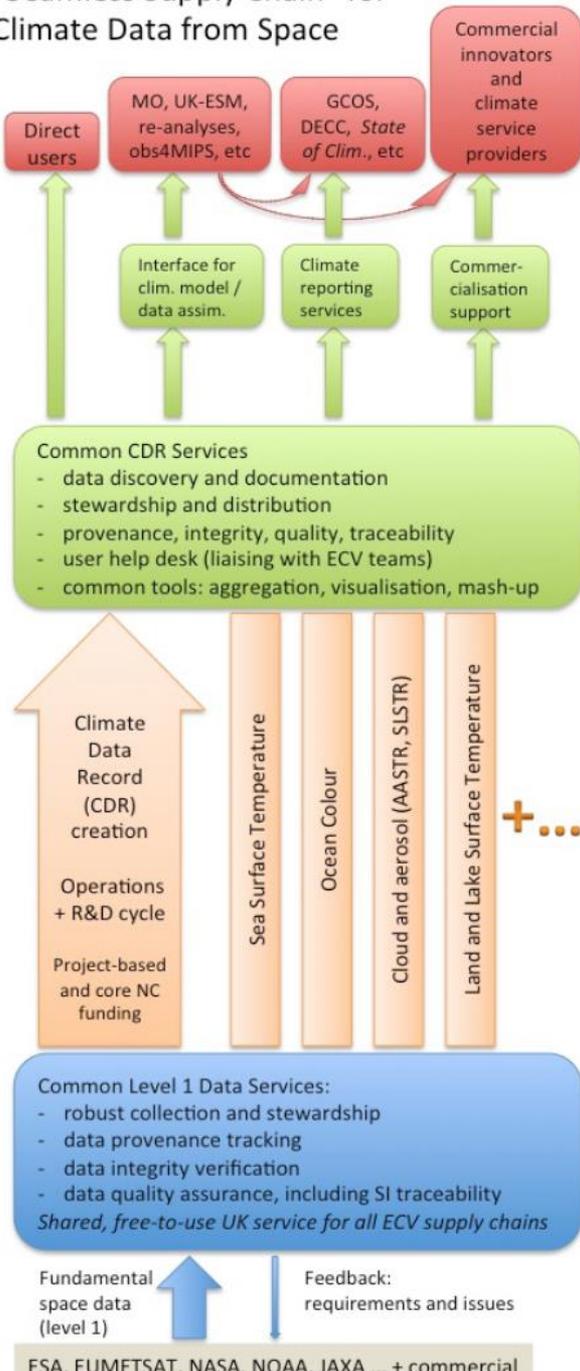
Key activities and outputs in 2014

1. Discussion paper on the “seamless supply chain”
2. Briefing note on UK climate data from space capability
3. Case study reports describing current experience of producing and using climate data records
 1. Sustained, routine production of climate-quality data records
 2. Use of climate data records in reanalysis and seasonal forecasting
 3. Climate data in environmental consultancy
4. Workshop informing the work plan for 2015
5. Contributions to government and EC consultations and information sharing on key opportunities

All documents available either on the website or from the Coordinator



"Seamless Supply Chain" for Climate Data from Space



Users

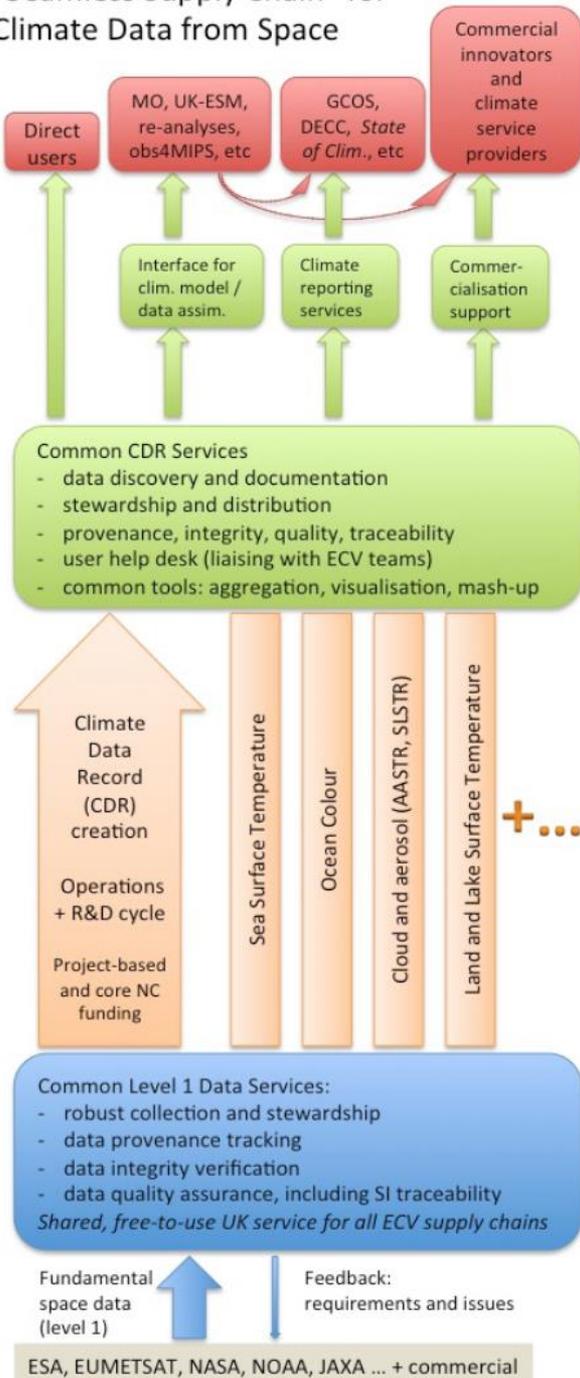
Interfaces to users
Shared services

Data projects / science teams

Shared services
EO (and other) data



"Seamless Supply Chain" for Climate Data from Space



Rationale:

- sustained operations across multiple data streams (scale benefits)
- linked R&D / system evolution / operations (scientific sustainability)
- baseline climate and value-adding services, and platform for wider innovation (financial sustainability)



Proposed work in 2015

- Continued quarterly stakeholder meetings
 - Wider representation of climate data from space stakeholders (and overhaul of website!)
 - Inform UKSA strategy and actions for EO for climate
 - Build up to next important EO C-MIN: EOEP and CCI
 - Plan for trial implementation of the seamless supply chain, to identify:
 - Technical solutions
 - Appropriate governance arrangements
 - Key financial flows
 - Call for proposals closed on 18th April
 - successful project(s) to be announced this week
 - Implementation plan to be shared at the EOAC town hall meeting in June
 - Hope to secure further funding for implementation from UKSA
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Website:

<http://www.nceo.ac.uk/cdssg.php>

<http://www.the-iea.org>

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