

Space Data Coordination Group Meeting (SDCG-8)

23rd-25th September 2015, DLR, Bonn, Germany

Meeting Objectives

The SDCG-8 meeting is the first SDCG meeting since the adoption of the **group's 3-Year Work Plan**, and will be structured in accordance with the Plan structure and outcomes. The focus during the preparation, meeting, and follow-up will be on the achievement of the 2015 outcomes from the Work Plan. The meeting has been arranged to follow on from a two-day REDD+ workshop (Monday-Tuesday 21st – 22nd), co-hosted by DLR and the German Ministry for Economic Cooperation and Development (BMZ) with support from GIZ on the development of national MRV systems – with an emphasis on forest degradation issues, and there may be some cross participation between the workshop and SDCG-8. Of note, is the proposal to arrange a full day session with commercial EO data providers – as the first day of SDCG-8.

The following are the objectives for SDCG-8:

1. Host a **commercial EO data providers session** – with an exchange of views and information and exploration of the possible role of these providers in supporting GFOI objectives – in particular the elements 2 & 3 of the SDCG strategy, i.e. the Space Data Service (pilots) and the R&D Component.
2. Revisit the status of tasks and outcomes from the **SDCG Three-Year Work Plan** across the four main work threads: baseline observations, GFOI Space Data Services, R&D, and GFOI Component Coordination and Country Engagement.
3. Review the implementation and status of the **Global Baseline Strategy**, and assess required updates to reflect new data streams.
4. Initial report and discussion in relation to the **Global Data Flows Study**.
5. Review and progress the **pilot implementation of the Space Data Services**, including the SDMS and the Kenya Data Cube in support of SLEEK.
6. Revisit the situation with respect to **GFOI R&D**, and confirm SDCG plans to support via the Element 3 acquisition strategy.
7. Confirm progress towards **integration with the MGD**, including MGD 2.0 and the web portal.
8. Confirm status of interaction with **SilvaCarbon and FAO** on country interaction, and overall component coordination and support. Review the proposed coordinated component plans and outcomes for 2015-16 and confirm the SDCG role, and the plans for the related engagement of countries in particular.
9. Confirm **revisions to the SDCG Three-Year Work Plan** to address the transition to GFOI operations raised at SIT-30.
10. Prepare **required SDCG inputs for CEOS Plenary**, including around the renewal of SDCG's mandate.

As time and attendance allows, host a **country requirements discussion**, drawing on participants from the co-located REDD+ workshop.

Week at a Glance

- **Monday 21st and Tuesday 22nd:** BMZ-DLR International Conference on MRV of REDD. (Separate location, organisation and registration – queries to Helmut.Staudenrausch@dlr.de.)
- **Wednesday 23rd:** SDCG-8 GFOI Space Data Commercial Provider Day
- **Thursday 24th and Friday 25th:** SDCG-8 sessions

SDCG 3-Year Work Plan Outcomes for 2015

Baseline Global Data Acquisitions

#	Outcome	2015
1	Multiple annual global coverages by 2016 of the world's forested areas	Building to a total of 67 countries in line with the Global Baseline Data Acquisition Strategy Engage Sentinel-2A mission planners during the ramp-up phase
2	Efficient and effective global flows of data	Complete global data flow study in cooperation with USGS, ESA/EC and SDCG Exec
3	Global coverage with consistent information products	Identify Space Agency and expert partner information product initiatives relevant to GFOI and MDG (e.g. ongoing evolution of the Landsat product roadmap towards surface reflectance, development of Sentinel-2 surface reflectance products)

GFOI Space Data Services

#	Outcome	2015
4	Space Data Services closely integrated with new MGD and SilvaCarbon activities	Definition of approach with FAO, World Bank, and SilvaCarbon on tools and service delivery and mainstreaming Establish integration of Space Data Services with new interactive MGD
5	A program of space data capacity building meetings	Further workshops at SDCG and SilvaCarbon events with country prioritisation defined by agreement with SilvaCarbon, FAO, and World Bank and endorsed by the GFOI Lead Team
6	Ensured on-going coverage	Archive characterisation support and on-going coverage support provided for countries attending 2015 meetings
7	Interoperable satellite data discovery tools	Work with core data stream providers to define discovery tools required, and study archive interoperability challenges
8	Assembly & delivery of core data streams	Work with priority countries to try and address their data assembly and delivery needs
9	Integration of space data within the GFOI Methods and Guidance	SDCG-7 discussion on interaction between MGD v2.0 and the SDCG tools and services

#	Outcome	2015
10	Conclude pilots investigating fundamental issues around the provision of cloud computing	Study strategic issues related to cloud computing-based MRV support Closer collaboration between SDCG and FAO on SDMS Consideration of potential of GFW 2.0 and Data Cube approaches
11	Creation of a model national GFOI cloud computing search, storage and processing system	Kenya national Data Cube project accelerated for COP-21 Initiate within the ESA Forestry TEP a demonstration of a sub-national system for Mexico

Research & Development

#	Outcome	2015
12	Completion of the Element-3 strategy document	Finalise the Element 3 acquisition strategy in support of the GFOI R&D Plan. Penultimate draft by SDCG-7. Endorsement of final document at SIT-30
13	Providing the satellite data required to progress the GFOI priority R&D topics	Dedicated satellite data acquisitions over R&D Study Sites Distribution of data to the GFOI R&D Study teams
14	Implement an effective private sector engagement & SDCG mechanism for brokering space data requests in support of national forest monitoring	Development of a private sector cooperation strategy, especially in the area of GFOI Space Data Services, validation and Space Data for R&D activities Development of an SDCG mechanism for brokering space data requests in support of national forest monitoring Commercial data provider information workshop / session in conjunction with SDCG-8

GFOI Component Coordination and Country Engagement

#	Outcome	2015
15	Delivery of a coherent customer experience for GFOI countries	Coordinated plan for providing the most efficient provision of GFOI deliverables to countries – developed by the Space Data, MGD and Capacity Building Component Leads
16	Space data support and services provided to all priority countries	FAO and SilvaCarbon will help define the priority countries for GFOI support and deliverables
17	Effective management of country interfaces	Development of simple Excel-based database for internal SDCG purposes Establish <i>modus operandi</i> in collaboration with FAO and GFOI Lead Team for country engagement