**SDCG-8 Action Status Update**

SDCG-7 Actions

| No. | Action | Due Date |
| --- | --- | --- |
| SDCG-7-1 | CEOS SEO to coordinate with ESA, USGS and GA on the planning, definition, and progressing of the initial implementation steps of Outcomes 11 and 12 (cloud computing pilots) in the SDCG 3-Year Work Plan. | SDCG-8  *The SEO is leading monthly telecons with the Data Cube team to develop requirements and a Kenya demo. Other cloud-computing pilots are progressing and have been delivered (FAO and Colombia). A summary of these projects will be presented at SDCG-8.* |
| SDCG-7-2 | Stephen Ward to confirm the content of outcomes 3 (around standard products) and 9 (integration of space data within the MGD) from the SDCG 3-Year Work Plan with the MGD component manager, including around the objective of the SDCG Data Cube to focus on standard surface reflectance products. | ONGOING  *Carly Green has said that the MGD doesn’t infer requirements for standard products and as such will have no bearing on outcome #3. We await the MGD Portal before significant progress.* |
| SDCG-7-3 | Stephen Ward and George Dyke to define additional milestones for the advancement of Kenya as a national model implementation of the Space Data Services for outcome 11 in the 3-Year Work Plan. | ONGOING |
| SDCG-7-4 | SDCG EXEC to include an SDCG 3-Year Work Plan task to propose a mechanism to address the coordination and collection of forest-related R&D space data requests. | Task defined by SIT-30, mechanism definition by SDCG-8  *To be added to the 2016-2018 Work Plan revision.* |
| SDCG-7-5 | SDCG EXEC to finalise the SDCG 3-Year Work Plan based on discussion at SDCG-7, and submit to the SIT-30 document approval process. | COMPLETE |
| SDCG-7-6 | SDCG EXEC, in collaboration with the MGD component manager, to draft a 1-2 page assessment of the potential roles and interactions between the GFOI Space Data Component and the GFW. | SDCG-8  *No progress – check MGD references to GFW.* |
| SDCG-7-7 | SDCG EXEC to collaborate with GA & the SEO to achieve the 2015 paper on future efficient global data flows (SDCG 3-Year Work Plan Outcome 2) – starting by agreeing the scope and objectives with SDCG. | Draft for discussion at SDCG-8  *Ongoing. The Global Data Flows Study Team is working on the study paper and holding regular coordination teleconferences.* |
| SDCG-7-8 | Steven Hosford to confirm some details of the SPOT archive processing including approximate schedule, number of scenes being handled, and current expected completion date. | ONGOING  *Steven reported:*  *“We are currently processing the 2nd set of 100000 images.  We had hoped to focus these on forested regions and use this to promote the SWH programme and GFOI at COP21, as time progresses and no specific areas of processing are identified, the likelihood of this happening is evaporating. An internal programme review is being organized for the 26th June and after this date we should have more information on the schedule for opening the data server. As stated in all the presentations on the subject, access to the images already processed will be free for non-commercial use.”*  *25/8/2015 – Matt has asked Steven for an update on the outcomes of the June 26th programme review meeting.* |
| SDCG-7-9 | Gene Fosnight to engage with CEOS WGCV (and its Land Cover Validation subgroup) on analysis ready surface reflectance products and USGS activities to see whether their work might be complementary. | CLOSED  *Gene: CEOS WGCV and its Land Product Validation subgroup is aware of the importance of the cross validation of derived data products. However there is not a focused activity to address this requirement. With the launch of Sentinel-2 it is acknowledged that this requirement becomes increasingly important. SDCG should increase its awareness of WGCV activities as we pursue analysis ready data in support of GFOI.* |
| SDCG-7-10 | Brian Killough to confirm with Andy Mitchell whether the NASA mirror of the Sentinel-1A rolling archive can be shared with GFOI and other CEOS users. | ONGOING  *Brian confirmed with Andy Mitchell that Sentinel-1A mirroring is taking place at the Alaska Science Facility (ASF). NASA is still working with ESA/EC to get the approval to open the archive publicly and for CEOS use. An MOU is expected to be signed within one month.* |
| SDCG-7-11 | Brian Killough and Frank Martin Seifert to confirm the linkages between the ESA TEP and the SDMS. | COMPLETE  *ESA’s Thematic Area Program (TEP) includes products from Sentinel-1 and Sentinel-2. At this point, there does not appear to be any specific data products that could be used for the SDMS and Data Cube. The SEO will continue to monitor the ESA Sentinel site for relevant data products.* |
| SDCG-7-12 | Steven Hosford to coordinate with SDCG EXEC on potential SDCG and GFOI outcomes to include in any CEOS presence at COP-21. | SDCG-8  *Stephen Ward reached out to Steven on the possibility of CNES contributing multiple years of SPOT data for Kenya in support of developing a model national system for forest MRV applications, thus providing a good demonstration for COP.*  *Steven reported that he has had no further discussions around this. He is working on the assumption we would process the available Kenya archive and this could be integrated into the Data Cube that the SEO is developing.*  *As discussed in Sydney, as this is a small contribution on the French side, it is unlikely that the French delegation will be able to promote it at COP21. CNES continue to look for contributions that could promote SWH and GFOI at COP21 via the French delegation.* |
| SDCG-7-13 | SDCG, in consultation with the Capacity Building component and Kenya to advise CNES on priority locations and dates for SPOT reprocessing. | ONGOING  *Sylvia has sent a listing/map of HR monitoring and verification SilvaCarbon sites to the SDCG Sec.*  *Steven Hosford has had no communications from anyone on requirements of zones in Kenya or elsewhere.* |
| SDCG-7-14 | Erik Lindquist to confirm with Brian Killough whether FAO would be able to host a Kenya data cube on their AWS infrastructure in the event that Kenya wishes to use the prototype Brian is developing operationally. | ONGOING  *The SEO sent a request to FAO via email on May 9th. No response has been received.* |
| SDCG-7-15 | Brian Killough to confirm whether an updated RapidEye API is available. | COMPLETE  *Not ready until late 2015.* |
| SDCG-7-16 | Ake Rosenqvist to work with Brian Killough on including the ALOS archive in the country coverage assessment and COVE tools. | COMPLETE |
| SDCG-7-17 | Yves Crevier to work with Brian Killough on including the RADARSAT-1 archive in the country coverage assessment and COVE tools. | COMPLETE |
| SDCG-7-18 | Brian Killough to follow up Erik Lindquist for feedback on the archive assessment tools his group are developing. | COMPLETE |
| SDCG-7-19 | CEOS SEO to perform a Kenyan archive analysis back to 1990 for SPOT and Landsat (including MSS) data. | COMPLETE |
| SDCG-7-20 | Brian Killough to share information with Sar Sophyra (Cambodia) on forest fire early detection using MODIS, including Australia’s Sentinel Hotspot system (in coordination with Alex Held). | COMPLETE  *Email sent on June 4th.* |
| SDCG-7-21 | Sylvia Wilson to confer with SDCG EXEC to specify sites in SilvaCarbon countries with high-resolution data requirements that might be addressed by SDCG brokerage. | ONGOING  *Sylvia has sent a listing/map of HR monitoring and verification SilvaCarbon sites to the SDCG Sec.*  *Yves Crevier is communicating directly with the Cambodian representatives to see if some CSA/MDA consultants that work in Cambodia could provide data/research, and potentially build some capacity.* |
| SDCG-7-22 | Helmut Staudenrausch and Frank Martin Seifert to approach Airbus regarding the cost and availability of a 30m TanDEM-X DEM product for Colombia. | ONGOING  *Frank Martin will follow up with Helmut. He expects to have more information by ISRSE-36.* |
| SDCG-7-23 | R&D space agency representatives to read the GFOI R&D Component Plan and the Element 3 (R&D) Acquisition Strategy and provide feedback to Ake by Wednesday 11th March, and indicate their agency’s support for the presentation of the Strategy for endorsement at SIT-30. | COMPLETE  *The Element 3 strategy was endorsed at SIT-30.* |
| SDCG-7-24 | Brian Killough to circulate the details of the pilot data services the SEO have put in place for JECAM, including the MURF and other data licence mechanisms. | CLOSED  *Details are unable to be shared.* |
| SDCG-7-25 | Anna Rita Pisani to confirm the COSMO-SkyMed quotas that will be available for GFOI projects. | COMPLETE  *The number of COSMO-SkyMed images available for GFOI R&D priority sites will be evaluated based on their individual requirements.* |
| SDCG-7-26 | Helmut Staudenrausch to confirm the TerraSAR-X quotas that will be available for GFOI projects. | COMPLETE  *Collectively 500 scenes per year will be available for GFOI.* |
| SDCG-7-27 | Frank Martin Seifert to assume responsibility as the POC for Element-3 (R&D). | COMPLETE |
| SDCG-7-28 | Helmut Staudenrausch to coordinate with SDCG EXEC to confirm the details of the SDCG-8 meeting alongside the international workshop on MRV of REDD+ planned for 21-22 September 2015 in Bonn, Germany. | COMPLETE |
| SDCG-7-29 | SDCG EXEC to investigate the constraints, and draft a brief proposal for a commercial provider session in conjunction with SDCG-8. | COMPLETE |

GFOI Component Meeting Actions (SDCG-related only)

| No. | Action | Due Date |
| --- | --- | --- |
| GFOI-2 | MGD and Space Data components to ensure sufficient linkages between their respective tools and services. | September 2015 |
| GFOI-3 | SDCG (CEOS SEO) to investigate and report on the availability of core and contributing archive data (Landsat and other) for Kenya from 1990-2000. | COMPLETE |
| GFOI-4 | All to provide feedback to Gene Fosnight on what standard Landsat products are the most useful as part of USGS’s systematic offerings. | May 2015 |
| GFOI-5 | Kenyan SLEEK team to provide SDCG with a list of sites where they require high-resolution data. | COMPLETE |
| GFOI-7 | Helmut Staudenrausch to share details of the DLR open solicitation for research projects once available. | September 2015 |
| GFOI-8 | Component Leads, with support from the GFOI Office, to collaborate to define a process and practical plan addressing deliverable availability, meetings, country engagement and follow up – with a view to understanding the process of working and meeting together for the next 1 to 2 years. | ONGOING |
| GFOI-14 | Helmut Staudenrausch to work with SDCG, in coordination with the GFOI Lead Team, to establish the scope and purpose of the proposed September meetings in Germany, which will include SDCG-8. | COMPLETE |
| GFOI-17 | Richard Tipper and SDCG to share information and experiences on cloud-based EO data distribution and processing solutions for national forest MRV. | September 2015 |
| GFOI-21 | Alex Held to follow up with the Kenya SLEEK team on potential Kenyan interest in agricultural monitoring and GEOGLAM RAPP. | September 2015 |
| GFOI-22 | FAO and SilvaCarbon, in consultation with the MGD component manager, and utilising their GFOI Capacity Building meeting in April, to produce a brief report on the state of play with regards to partner engagement; requirements; and national MRV in different countries, and to make recommendations as to which countries might be the priorities for uptake of the GFOI deliverables of MGD and Space Data. | CLOSED |
| GFOI-23 | SDCG to produce a *GFOI Space Data Access Guide* for the reference of countries and for incorporation into the MGD Online Portal, which will identify data sources, data/mission specifications, and relevant points of contact for follow up. | September 2015 |
| GFOI-24 | SDCG, with support from the GFOI Office, to work with Norway and FAO to determine optimal representation of the Space Data Component on the FAO SDMS Advisory Group. | ONGOING |
| GFOI-28 | SDCG to continue working to engage commercial space data providers in GFOI, in particular in support of the Element-3 R&D Acquisition Strategy. | COMPLETE  *Commercial provider session to be held at SDCG-8.* |