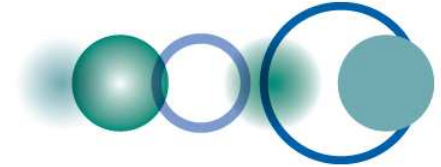


***Report on ST-09-01 Kick-off Meeting
Brussels 29-30 July 2009***

**Report to STC
Melbourne, Australia
September 15 – 16, 2009**

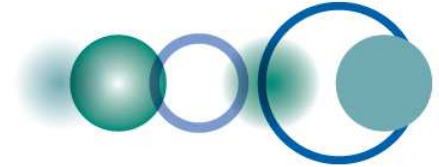
**Florence Bérout (EC)
Jérôme Bequignon (ESA)
Kathy Fontaine (NASA)**





Topics

- ✦ Task information
- ✦ Kick-off Meeting Information
- ✦ Meeting results
- ✦ Discussion with STC



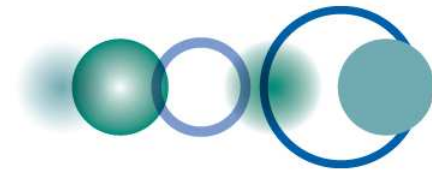
Task Info

Encourage national governments and international organizations to address GEOSS Science and Technology needs in their **R&D programmes**. As stated in "The Role of Science and Technology in GEOSS"¹, it should be a priority for GEO Members and Participating Organizations to involve **research institutions** and funding agencies in GEOSS implementation.

To this end, GEO Members and Participating Organizations will be encouraged to: (i) Plan and conduct **R&D activities** in support of GEOSS implementation; (ii) Contribute relevant **R&D activities (planned or ongoing)** to GEOSS implementation; (iii) **Identify and earmark funding sources** for those activities; and (iv) Promote GEOSS throughout the process.

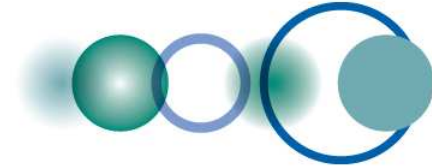
Related activities will include: **Develop proposals and guidelines to assist R&D agencies in addressing GEO needs**. Engage a dialogue with decision makers and funding agencies. Identify programmes relevant to GEOSS Science and Technology needs and encourage them to collaborate with one another.”

Blue text – areas of extensive discussion in the drafting group; still causing some confusion.



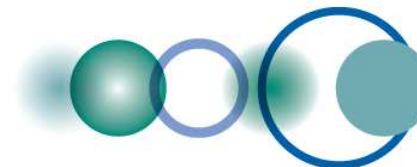
Kick-off Meeting Agenda

Wednesday 29 July, 2009	
10.00	<p><i>Morning Session:</i></p> <ul style="list-style-type: none"> • Welcome – Gilles Ollier, EC • Round table participants introduction • Presentation of the Task and of the Objective of the meeting – Kathy Fontaine
11.30	<p><i>Coffee break</i></p>
	<ul style="list-style-type: none"> • Report from ST-09-02 Kick-off meeting – Douglas Cripe • Expectations and broad vision from Participants about the ST-09-01 Task
	<p><i>Lunch Break</i></p>
14.00	<p><i>Afternoon Session:</i></p> <ul style="list-style-type: none"> • Discussion and approach for each of the Task's Outputs: <p>1 .Output 1 – Identify set of key S&T programmes needed in the context of the development of GEOSS as well as targeted funding and other resource mechanisms <i>Keynote on behalf of ICSU and IGOS-P – Stuart Marsh</i> <i>Role of Standards in the geosciences – Athina Trakas</i> <i>Tentative list of funding institutions and Agencies – Jérôme Béquignon</i></p> <p><i>Chair: Jérôme Béquignon</i></p>
16.00	<p><i>Coffee Break</i></p>
	<p>2 .Output 2 – Identify set of key commercial/industrial companies with substantial science, technology or applications interests in GEOSS or datasets of broad scientific value</p> <p><i>Chair: Florence Bérout</i></p>



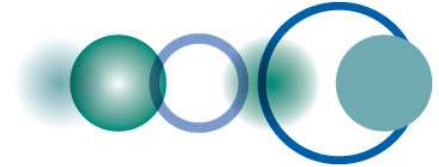
Kick-off Meeting Agenda

Thursday 30 July, 2009	
9.00	<p><i>Morning Session:</i></p> <ul style="list-style-type: none"> • Discussion and approach for each of the Task's Outputs (continuing) <p>3 .Output 3 – report on S&T gaps, priorities and continuity needs to support GEO <i>Link to STC Roadmap's Activity 1a - Review of Work Plan – Douglas Cripe</i> <i>Presentation of US effort – Kathy Fontaine</i> <i>Overview of AIP-3 – Athina Trakas</i></p> <p><i>Chair: Kathy Fontaine</i></p>
10.30	<p><i>Coffee Break</i></p>
	<p>4 .Output 4 – Establishment of effective forum/network of funding agencies, Members and POs supporting key S&T programmes to exchange views on current actions and discuss overcoming S&T gaps, priorities and continuity needs <i>Lessons from CBC experience – Alan Edwards</i></p> <p><i>Chair: Jérôme Béquignon / Florence Bérout</i></p>
	<ul style="list-style-type: none"> • Update of Task Flow Chart & Reconciliation of Global Planning – Jérôme Béquignon • Reconciliation of Task Sheet Updates, review and complete other parts of Task Sheet – Offline action
	<p><i>Lunch Break</i></p>
14.00	<p><i>Afternoon Session:</i></p> <ul style="list-style-type: none"> • Conclusions and summary of actions • Review Assignment of actions <p><i>Other aspects:</i></p> <ul style="list-style-type: none"> ○ Meetings and teleconferences – next meeting ○ Participation to the task <p><i>Chair: Kathy Fontaine</i></p>



Attendees

Surname	Name	Organisation	Email address
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Alan	Edwards	EC-RTD (30/7am)	Alan.Edwards@ec.europa.eu
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Michaël	Obersteiner	IIASA (30/7)	oberstei@iiasa.ac.at
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Athina	Trakas	OGC	ATrakas@opengeospatial.org
Haman	Unusa	Cameroon	HamanUnusa@yahoo.fr



Major Points - Output 1

- ✦ Identified set of key programmes delivering or supporting science and technology activities needed in the context of the development of GEOSS as well as targeted funding and other resource mechanisms (mid 2009). Resources in this context refers to the Capacity Building Committee's I3 description.

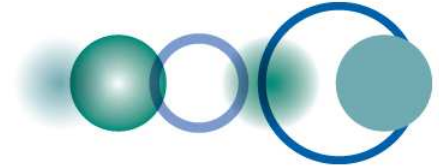
Detailed planned activities

Identify key resource providing mechanisms and networks, being proactive as possible.

- Work with CBC to use their existing lists and contacts
- Identify organizations outside those lists
- Use the regional approach where it makes sense
- Use the SBA approach where it makes sense
- Use the global organization approach (eg. IGFA) where it makes sense
- Identify information regarding at least
 - Operating mechanism
 - SBA or discipline
 - Point of contact
 - Type of resource available

Contributors to date: JLFellous/ESA, M.Obersteiner/IIASA

Output Version 1 – end 2009

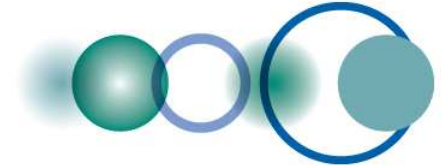


Major Points - Output 2

Identified set of key commercial/industry companies with substantial science, technology, or applications interests in GEOSS or datasets of broad scientific value (end 2009)

Detailed planned activities

- Understand the Nature of relationship between GEO and industry
 - Activities include discussions with GEO Sec, GEO Members and others
- Identify commercial/industrial companies' interest in and potential contribution to GEOSS
 - Activities include holding open discussions with commercial/industrial companies to gauge interest.
- Identify information regarding at least
 - Operating mechanism
 - SBA or discipline
 - Point of contact
 - Type of resource available



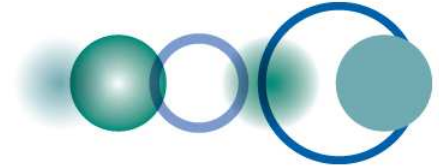
Major Points - Output 3

Report on S&T gaps, priorities, and continuity needs to support GEO (2010 Summit)

Planned Activities

- Meet with the STC Co-Chairs and the Activity 1a group to discuss the expectations for this task as regards Activity 1a.
- Collect from the Task leads the answers to the following questions from the task sheets: “In relation to the S&T component(s) of this Task, please describe gaps, priorities, continuity needs, barriers, scientific expertise, and additional resource needs (this information will be used for developing a gaps and needs assessment in Task ST-09-01).” (Maps to Activity 1a – Work Plan Review)
- Identify additional science plans, reports, and other material to be reviewed.
- Invite science groups (such as former IGOS-P theme leads and ICSU) and application groups to contribute to analysis of the feedback from task leads. (Maps to Activity 1e – Responding to S&T needs)
- Analyze all feedback gathered from the task leads and from the science and application group feedback.

Contributors: S.Marsh/IGOS-P, ICSU, EC, US (tbc), M.Obersteiner/IIASA



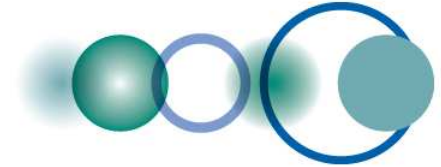
Major Points - Output 4

Establishment of effective forum/network of funding agencies, Members and POs supporting key Science and Technology programmes to exchange views on current actions and discuss overcoming S&T gaps, priorities and continuity needs (early 2010); Response to S&T gaps, priorities and continuity needs by this forum, including describing Best Practice in responding to these (e.g. by a workshop report)

Detailed Planned Activities

- Identify possible forum format(s) and networking format(s)
- Collect Output 1-3 results to better format the mechanism
- Plan for a first forum

Contributors: ESA, EC, H.Unusa/Cameroon, C.Petit/COST,
S.Marsh/UK

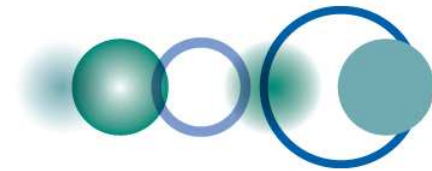


Major Points – Overarching

Associated support actions that need to happen:

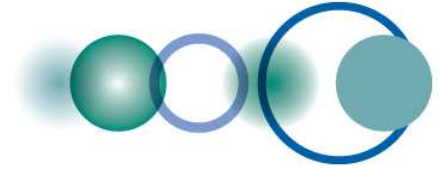
- ✦ Case studies/success stories for use when talking to resource providers
 - Collaboration with ST-09-02
- ✦ A consistent message to use with all potential forum participants
 - use task definition, case illustration
- ✦ “Care and feeding” of the networks, whatever they are
- ✦ Information sharing within Task ST-09-01

All Task Leads + GEOSec



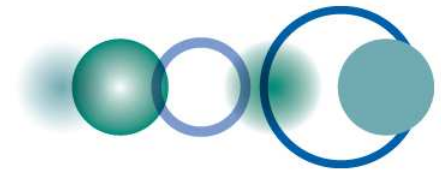
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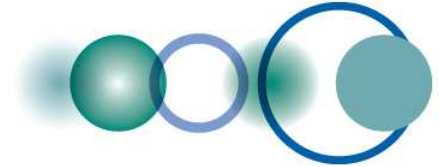
Progress to Date

- ✦ Output 1 – Preliminary list established (large, heterogeneous) – needs additional work and contributions.
- ✦ Output 2 – Requires more discussion based on the outcome of Document 18 on the role and relationship of the private sector in and to GEO.
- ✦ Output 3 – Requires more discussion on the relationship between Activity 1a and this task.
- ✦ Output 4 – Will happen when 1, 2, and 3 are complete.



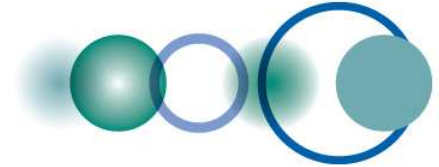
ST-09-01 Needs from STC

- ✦ Direction relating to Output 2
- ✦ Scope discussion relating to Output 3
- ✦ Membership and participation



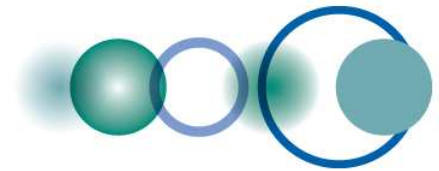
Discussion Points – Output 2

- ✦ Document 18 will be discussed at EXCOM next week.
 - ✦ Wait for their reaction.
 - ✦ Perhaps wait for Plenary as well?
- ✦ At Nov STC meeting, discuss outcomes of EXCOM and any revisions to Document 18 for Plenary VI.
- ✦ Need STC position or comment or concerns regarding the contents of Document 18.
 - ✦ For example – are the categories useful? Do we concentrate on Users over Providers?



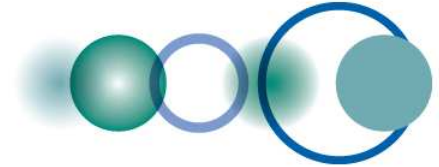
Discussion Points – Output 3

- ✦ Who does what, and by when?
 - ✦ The output of this activity *as currently written* is the S&T priorities and gaps relating to the SBAs and the Work Plan
 - ✦ Info will be gathered from
 - Task Sheets
 - Science plans and other documentation
 - Assessed by panels, who then make recommendations
 - ✦ Need to determine whether this task will do all of this, or part of this, then assign the rest.
 - Panels have to be formed, information has to be reviewed; recommendations have to be made.
 - Schedules have to be done, with ample time for review and consideration.
 - What is the concurrence/acceptance process up to the Ministerial Summit?



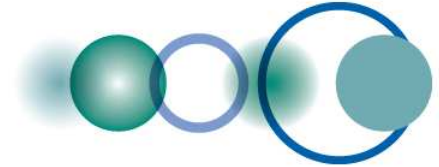
Initial Recommendations

- ✦ We are open to take on the gap analysis task which the Activity 1a is setting out to achieve
- ✦ We will work with the STC in terms of alignment and organization.
- ✦ In any case, several sets of information need to be gathered and sorted
 - ✦ The Work Plan as a whole
 - ✦ The tasks individually
 - ✦ Other science plans, continuity plans, etc.



Initial Recommendations, cont'd

- ✦ Task 09-01 will, at a minimum, collect task information.
 - ✦ This input feeds into the overall analysis, but does not replace a larger panel review of other sources of information.
- ✦ Pending today's discussion, either do or assist with the following steps:
 - Identify 1 expert per SBA with the help of the STC
 - Ask that expert to work with SBA task leaders to extract real detailed answers to the questions in the task sheets
 - Report on that discussion with an analysis of how gaps can be sorted out
 - Compile the set of gaps from this first analysis, as 1st resulting iteration of output 3



Discussion Points – Membership

- ✦ Task will need representation from all SBAs
 - ✦ May have one or two SBAs represented, but have not gathered participation from that perspective.
 - ✦ May have additional participants from Member activities such as FP 7 call.
- ✦ Need contact points for ST-09-01
- ✦ Need representation from the other Committees