

# Monitoring & Evaluation across WP

# RECOMMENDATIONS PROVIDED TO THE IPWG FOR THE FUTURE OF GEO M&E

- Define key intended outcomes of GEO in the Strategic Plan;
- Ensure measurability of those outcomes at the start;
- The Strategic Plan should be supported by two evaluations: one at mid-term, the other near the end of the Plan and both timed to report during Ministerial years;
- Incorporate greater capacity within GEO Sec to support M&E activities;
- The M&E WG is difficult to maintain, the oversight of M&E function should be assumed by the Programme Board;
- Build required info for M&E into Implementation Plans of GEO Flagships and GEO Initiatives;
- Set M&E expectations proportionately to the size and status of the activity.

# M&E Guidance in GEO Strategic Plan

- GEO achieves Strategic Objectives through Core Functions:
  - geared towards specific, measurable, and achievable results to enable an effective implementation, including M&E
  - implemented through specific actions set out in the GEO WP
- A series of indicators underpin expected results enabling M&E:
  - designed to be quantifiable, based on data used to manage implementation of the GWPs whilst allowing the actual targets to be refined as resourcing options become clearer during GWP preparation.
- M&E functions to be implemented in different ways depending on the Implementation Mechanism.
- Evaluations connected to GWP finalization, Ministerial meetings and the midterm review.

# Monitoring

- Purpose: Tracking Progress
- Lead: GEO Secretariat will conduct monitoring on an on-going and systematic basis.

# Evaluation

- Purpose: Assessing Impacts
- Scope: takes note of contributing activities not included in GWP, but are attributable, at least in part, to GEO's actions.
- Lead: Implemented by GEO Sec under SO-03. An independent Evaluation Team, supported by the Secretariat, should be set up for each evaluation to execute the evaluation processes.
  - Evaluations previously performed by the M&E WG.
- Two comprehensive evaluations should be conducted with one mid-way through the Strategic Plan period and the other near the end.

# Flagships and Initiatives define their M&E requirements in their Implementation Plan

	Monitoring	Evaluation
Flagships	PB, through progress reports	
Initiatives	PB through progress reports	
Community Activities	GEO Sec	None
Foundational Tasks	PB through annual Progress Report	GEO Sec regularly arranges and conducts independent evaluations

# SO-03 Monitoring and Evaluation

## **GEO Secretariat Activities in 2016**

- Identify performance indicators for the Targets identified in the Strategic Plan, for ExCom endorsement
- Track progress of Work Programme activities, including feedback on implementation mechanisms
- Measure baseline values for performance indicators.
- Propose 2019 and 2024 values for the performance indicators, for Plenary approval

# PB Subgroup 3 on Performance Indicators

Core function	Expected results	Indicator	Methodology(included description of the info to be collected )	How to collect information					
				From public INFO	Member & PO's reports (CD-02)	PO's annual Reports	GEO WP Activities Report	Dedicated surveys	other
1. Identifying user needs and addressing gaps in the information chain.	1. Identification of the information products and tools required for key user groups to use Earth observations to produce the actionable information necessary to address critical global and regional challenges and opportunities. 2. Agreement on the highest-priority essential Earth observations for specific and multiple SBAs, based on relevance to critical global and regional challenges and opportunities, taking account of the feasibility of their translation into products and tools that deliver impact. 3. Commitments made by providers to end users to address the highest priority gaps in information chain.	1. Number of SBA user communities for which Earth observations (EO)-enabled information product and tool preferences have been documented.	(1) The criteria of "user community" should be given based on GD-08 outcome, normally "national " level (2) Composite analysis of each SBA; (3) Determine the number of user communities from each SBA.				GD-08 SBAs process systematic determination of user needs /observation gaps		
		2. Number of SBAs for which high priority Earth observations have been identified, validated and approved by GEO Plenary.	(1) the criteria of "high priority" should be given based on GD-08 outcome, normally "well known[RU1]" (2) evaluate the priority of EO in SBAs (3) calculate the number of SBAs.	Well known, for example EO as SDGs key indicator or tool has been adopted in some areas.			GD-08 SBAs process systematic determination of user needs /observation gaps		Announcement of GEO Plenary
		3. Percentage of identified high priority (in-situ and satellite-based) Earth observations, information products and tools that are either currently available or that providers have committed to deliver.	(1) the criteria of "high priority" should be given based on GD-08 outcome; (2) summarize the number of the commitments from the providers (3) summarize the number of "committed to deliver" (4) get the percentage	Member and PO's commitment and the gaps in the value chain			GD-08 SBAs process systematic determination of user needs /observation gaps[RU2]		GEO Meeting (ECoM Plenary) commitment by the provider
2. Sustaining	4. Ongoing predictable creation of the new satellite and non-satellite Earth observations required to address the approved highest-priority requirements. 5. Minimization of non-productive overlap in observing systems as a result of programme coordination and data sharing.	4. Number of Members and Participating Organizations making use of collective long-term planning scenario information for key observing systems to prioritize their funding and investments	(1) collect the information of EO long-term plans from EO reports[RU3] (2) calculate the number		the number and the description of EO plans in the EO reports should be required in which template of EO Report is one of 2016 CD-02 outcomes				
		5. Number of gaps between actual data delivery compared to expected data	(1) analyze the information and the description from GD-03, related task			GD-03 Global observation and information	dedicated surveys on the area		

# Observations

- The M&E WG recommendations have been implemented
- SO-03 should refine the M&E framework for PB consideration, **supported by M&E specialists:**
  - The logic model (functions, results, indicators)
  - The methodology and data sources should be refined
- SO-03 should develop an evaluation plan and a monitoring plan for PB consideration:

These plans should formalise scope, process, resources and establish a baseline allowing to set targets for the following years.
- Implementation plans should be reviewed to streamline and strengthen the M&E requirements section. Are expectations clear?