

# Joint GFOI/GOFC-GOLD Expert Workshop on approaches to monitoring forest degradation for REDD+

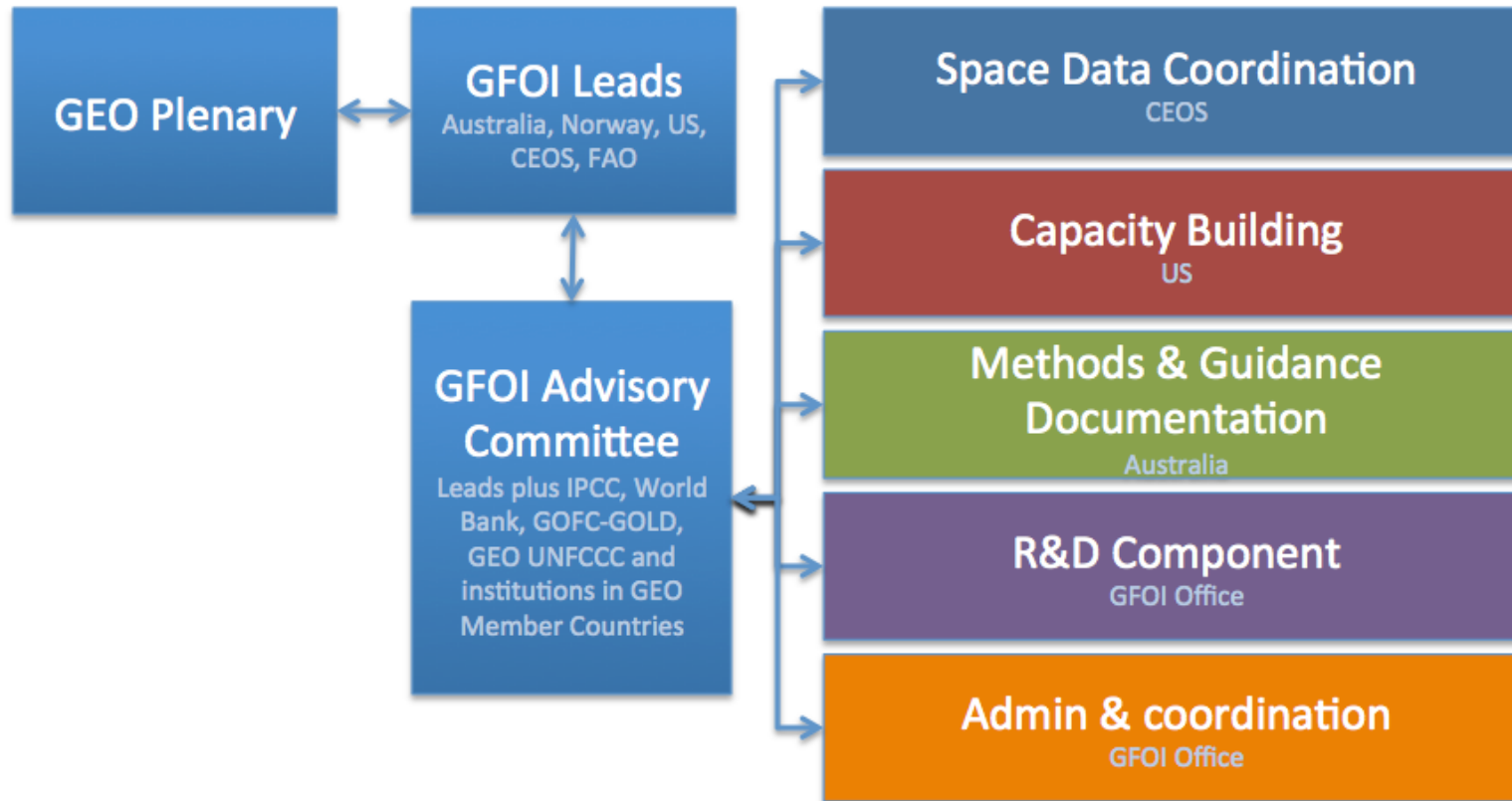
*Workshop objectives*

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*R&D coordination support to the GFOI Office*



# GFOI Organisation





## GFOI R&D component

- The GFOI R&D component aims at improving remote sensing data inputs and derived forest information products to help enhance the functionality and accuracy of National Forest Monitoring Systems (NFMS).
- May serve UNFCCC greenhouse gas emissions reporting requirements, *as well as* supporting broader environmental monitoring needs.
- The R&D component incorporates R&D needs identified by
  - countries involved in GFOI
  - key GFOI partners such as the FAO and the World Bank,
  - research bodies supporting the further development of global forest monitoring programs.
- It covers focused R&D actions addressing *immediate needs* for NFMS, rather than more long-term, basic research activities in the forest monitoring domain.



## GFOI R&D Plan

- GFOI R&D Plan is under development – target: Late 2014
- No dedicated GFOI budget for R&D
- “Landscaping Study” ongoing on current science teams and projects that can address GFOI needs, levels of funding and identification of potential donors that would have interest to support key development.
- To kick-start R&D activities with limited means, a series of Expert workshops undertaken during 2014/2015 to capitalise and catalyse already ongoing research.



## GFOI R&D Expert Workshops



Series of workshops during 2014/2015 focused on selected Priority R&D Topics. Involving small number of key experts on the topics in question.

### Objectives:

- Assessment of existing approaches and current state of the art for the topic in question;
- Identification of obstacles to operational (widespread) use;
- Development of action plan to progress development;
- Input/recommendations to CEOS space agencies (SDCG strategy for support to GFOI R&D)



## GFOI R&D Expert Workshops



- Expert workshop #1 – **Sensor interoperability/complementarity**  
Woods Hole, MA/USA, June 10-11 2014
- Expert workshop #2 – **Forest degradation**  
Wageningen, NL, Oct. 1-3, 2014
- Expert workshop #3 – **Above-ground biomass estimation**  
Brisbane, Australia, Feb. 2015
- GFOI Science Summit – Open meeting on key R&D issues  
Venue TBD. mid 2015



# Forest Degradation Workshop

## Objectives



- **Assess the evolving needs** from the international level and REDD+ countries for monitoring forest degradation;
- Present and **share experiences on approaches** to identify and assess different types of degradation for REDD+ monitoring using Earth observations, ground-based surveys, and proxies;
- Discuss important **gaps and obstacles** and **opportunities for future improvements** documented in an action plan for further R&D and demonstration activities;
- Synthesize the findings towards improved guidance to countries and REDD+ practitioners.



# Forest Degradation Workshop



## Anticipated outcomes

At the conclusion of the Workshop it is anticipated the following outcomes will be met:

- Identification of promising approaches/technologies to monitor forest degradation for REDD+
- A action plan to progress these methods to pre-operational/opational status - and possible future inclusion in GFOI Methods and Guidance Document (MGD)
- Selected study sites and research partners for coordinated trials
- Input/recommendations to CEOS SDCG strategy for R&D