



Capacity Building Committee Report

STC Meeting

(16-17 December 2008, San Francisco)

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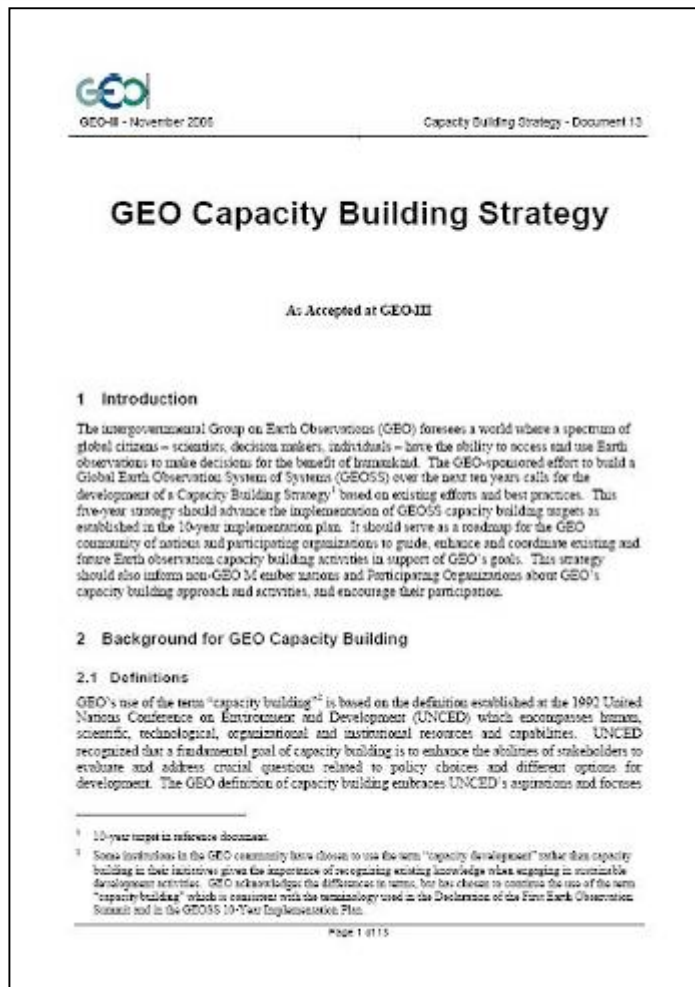




Outline

- CBC Strategy
- Implementation in 2007-2009 WP
- Implementation in 2009-2011 WP
- Seville Road map
- FP 7 Call

Guiding Principles for GEO Capacity Building



1ST THE USER, THEN THE USER AND FINALLY THE USER ! Focus on user needs

DO NOT REINVENT THE WHEEL ! Build on existing efforts and best practices;

DO IT TOGETHER ! Foster collaboration and partnership

DO IT TO LAST! Enhance the sustainability EO

HAVE A HOLISTIC VIEW ! across all SBA, at the global, regional and local levels



Capacity Building Strategy in GEO

An integrated approach based in three complementary elements:

I³

- **Infrastructure CB:** HW, SW and other technology required to develop, access and use EO...
- **Individuals (Human) CB:** education and training of individuals to be aware of, access, use and develop EO...
- **Institutional CB:** building policies, programs & organizational structures in governments and organizations to enhance the understanding of the value of EO data and products.

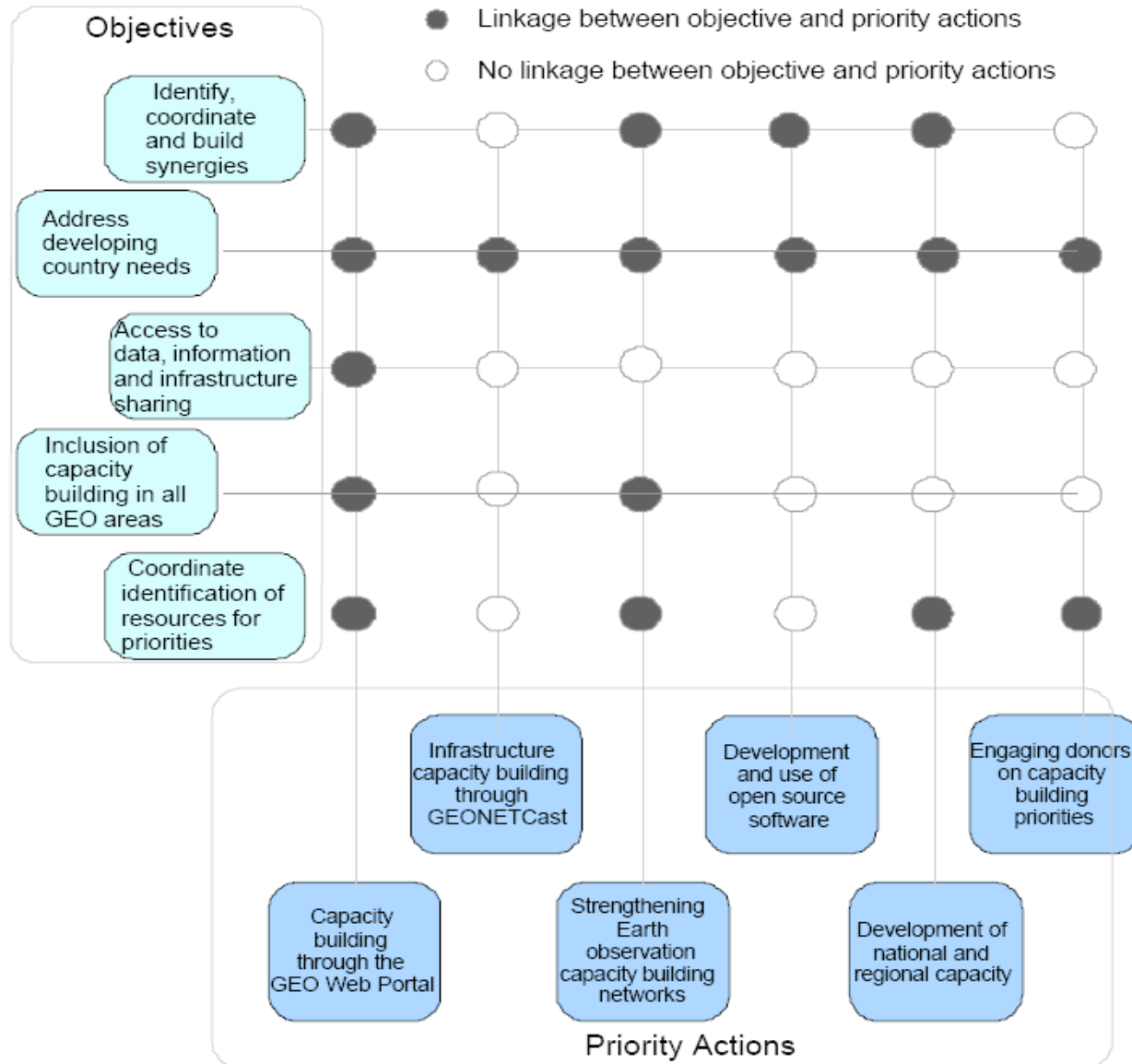


Strategic Objectives for GEO Capacity Building

- **Identify, coordinate and build synergies** between existing and future efforts.
- **Encourage and enable developing countries** to identify and address their capacity building needs to access, use and produce Earth observation data and products on a sustainable basis.
- **Enhance access** to data and information and **encourage** information and infrastructure **sharing**.
- **Prioritize the inclusion of capacity building** as a component of all GEO societal benefit and transverse areas.
- **Facilitate coordination among GEO Members and POs** as they seek further resources for identified capacity building priorities.



Capacity Building Strategy and 2007-2009 WP





Capacity Building Strategy and 2009-2011 WP

- **CB-09-01: Resource (or Seville Roadmap) Mobilization**
- **CB-09-02: Building Individual Capacity in Earth Observations**
- **CB-09-03: Building Institutional Capacity in Earth Observations**
- **CB-09-04: Capacity Building Needs and Gap Assessment**
- **CB-09-05: Infrastructure Development and Technology Transfer for Information Access**

5 CB co chairs will assume responsibility to coordinate overarching tasks



CB-09-01: Resource Mobilization (or Seville Roadmap)

GEO resource-mobilization roadmap aims to position GEO as:

- an efficient coordinator of resource mobilization activities, and
- A facilitator for users, producers and potential resource providers.





Seville Roadmap

KEY OBJECTIVES

- Gain a comprehensive understanding of the needs and operations of **donors**.
- Focus on understanding the full range of **user communities and networks**, including their needs and priorities.
- **Strengthen links** between the user and donor communities.
- Sensitize donors to the **value of EO and the benefits** that building greater capacity for producing and using EO can bring to a variety of users.
- **Mobilize resources** for building the capacity of the three key contributors to EO: individuals, institutions and infrastructure (I³).



Seville Roadmap

KEY OBJECTIVES

- **Identify likely donors** for each SBA and geographic region.
- **Coordinate** resource mobilization in order to promote efficiencies and capacity.
- **Market capacity building** for EO as a worthwhile investment and not merely as a cost.
- Engage and establish mutually **beneficial relations** with the private sector and establish private-public partnerships.



Seville Roadmap Priority Actions

- A. Identify **pilot projects** for donor consideration:
(through UIC's Call for proposals)

- B. Define **criteria** for identifying pilot projects

- C. Identify potential **resource providers** and their attributes

- D. Produce **communication and marketing materials** that could be adapted as needed

- E. Identify **Champions or "Ambassadors"**



Linked to CB-07-01a, the CBC Co-chairs have proposed the following criteria for selecting CB projects:

1. To achieve its goal, a project needs improved access to EO (EO as a component in a value chain).
2. The project should impact one or more of nine SBAs in a quantitative and highly visible manner.
3. The project will demonstrate the value of GEOSS.
4. The project supports the MDGs or sustainable development requirements of beneficiaries.
5. The project can demonstrate concrete results within three years.



Linked to CB-07-01a, the CBC Co-chairs have proposed the following criteria for selecting CB projects:

6. The project should appeal to multiple resource providers & partners.
7. The requested funding can be quantified.
8. The project is implemented by one or more GEO Members or Participating Organizations.
9. The project must have an outreach program embedded in it.
10. The project must be sustainable and replicable.

FP7-ENV-2009-1 Work Programme

Area 6.4.1.4 Developing capacity building activities in the domain of Earth Observation in the new EU countries and in the developing countries

ENV.2009.4.1.4.1 Action in the domain of EO to support capacity building in GEO (support action)

Proposals are requested with the objective of establishing a Capacity Building (CB) advisory capability in support of Earth Observation (EO) activities, seeking to build upon and complement existing actions in this domain.

This action should contribute to the GEO 2007-2009 Work Plan tasks **CB-07-01a, CB-07-01b, CB-07-01c and CB-07-01d.**

FP7-ENV-2009-1 Work Programme

ENV.2009.4.1.4.1 Action in the domain of EO to support capacity building in GEO

Expected impact: This support action should:

It should also improve the integration of the GEOSS into regional and national planning processes for sustainable development.

This support action should strengthen the capability of all countries, and in particular developing countries, to play an effective role in the capacity building activities of the GEO.

FP7-ENV-2009-1 Work Programme

ENV.2009.4.1.4.1 Action in the domain of EO to support capacity building in GEO

Expected impact: This support action should:

Make a major contribution to the implementation of the Group on Earth Observation (GEO) Seville roadmap to mobilise capacity building resources for realising the GEOSS.

It should also demonstrate the capability of the GEO to coordinate resource mobilisation mechanisms and to act as a broker serving EO stakeholders and potential resource providers.



Visit to the World Bank and other agencies (Washington DC and NY City, 21 – 25 July 2008)

Objectives:

- to explore potential future funding opportunities and collaboration
- to exchange ideas and proposals

GEO Secretariat (Director & M. Williams) and CBC Co-chairs (A. Edwards-EC)

- Planetary Society
- World Bank
- Resources for the Future (RFF)
- Center for Strategic and International Studies (CSIS)
- William J. Clinton Foundation
- Heinz Center
- InterAmerican Development Bank (IDB)
- Alliance Executive Committee.
- Rockefeller Foundation
- Alfred P Sloan Foundation



Visit to the World Bank and other agencies (Washington DC and NY City, 21 – 25 July 2008)

Outcomes:

- Reached a better understand of the priorities and working methods of private foundations.
- Strengthened relations and potential actions for the future.
- Various organizations shared the importance of GEOSS.
- Confirmed the great potential of the GEOSS, it can meet the needs of so many users.
- Confirmed the need to publicise the work of the GEO and the capability of the GEOSS.



Visit to the World Bank and other agencies (Washington DC and NY City, 21 – 25 July 2008)

And...

- **World Bank will now consider joining GEO as a PO actively involved in GEO activities.**
- **Confirmed that Alfred P Sloan Foundation will financially support a GEO activity (Forest Monitoring).**
- **Various organizations forming part of US GEO shared their ideas for future activities.**
- **President of Heinz Centre, and head of the STAP of GEF, interested in GEO.**



Successful Implementation of Roadmap depends in part on

- Shared ownership across GEO
 - Identification of user needs
 - Identification user initiated CB projects
 - Cross committee evaluation of identified projects

**In the case of S&T committee
particularly those with a S&T focus**

Thank you!

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