



Food and Agriculture
Organization of the
United Nations

21-23 November 2023

International Network on Soil Biodiversity (NETSOB)

Jacob Parnell, FAO

7th Meeting of the
**Global Soil
Laboratory
Network**
(GLOSOLAN)



GLOSOLAN
GLOBAL SOIL LABORATORY NETWORK





**Convention on
Biological Diversity**

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Agenda item 7

**REVIEW OF THE INTERNATIONAL INITIATIVE FOR THE CONSERVATION AND
SUSTAINABLE USE OF SOIL BIODIVERSITY AND UPDATED PLAN OF ACTION**

SCOPE AND PRINCIPLES

19. **FAO is invited to facilitate the implementation of the plan of action**, and it is intended to align activities on soil biodiversity more closely with other FAO-related activities including the **International Network on Soil Biodiversity** and the **Global Soil Biodiversity Observatory**, to monitor and forecast the conditions of soil biodiversity and soil health as well as with regional and country offices in order to create synergies and provide broader support. The full implementation of the plan of action at the national and subnational levels will depend on the availability of resources.

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NETSOB Objectives

- Strengthen the **knowledge** about soil biodiversity;
- Provide **critical mass** for the implementation of the **Global Soil Biodiversity Observatory (GLOSOB)**;
- Contribute to **monitoring of soil biodiversity** status and loss and develop internationally accepted **biological indicators**;
- Provide reliable evidence to support **decision-making** in at the policy level in sustainable use of soil biodiversity.

NETSOB Working Groups



How to measure soil biodiversity: Develop guidelines for measuring, assessing and monitoring soil biodiversity



How to manage soil biodiversity: Compile a field manual on soil biodiversity management



How to economically value soil biodiversity and the soil ecosystem services provided by soil biodiversity



How to develop effective policies and legal instruments to protect soil biodiversity

Measurements WG
Practices WG
Incentives WG

- 1 Determine critical indicators for soil biodiversity
- 2 Determine measurements and harmonize SOPs
- 3 Document best practices for protecting/preserving soil biodiversity
- 4 Build local capacity to implement management practices
- 5 Characterize policy and economic incentives around soil biodiversity



Design and Implement the Global Soil Biodiversity Observatory

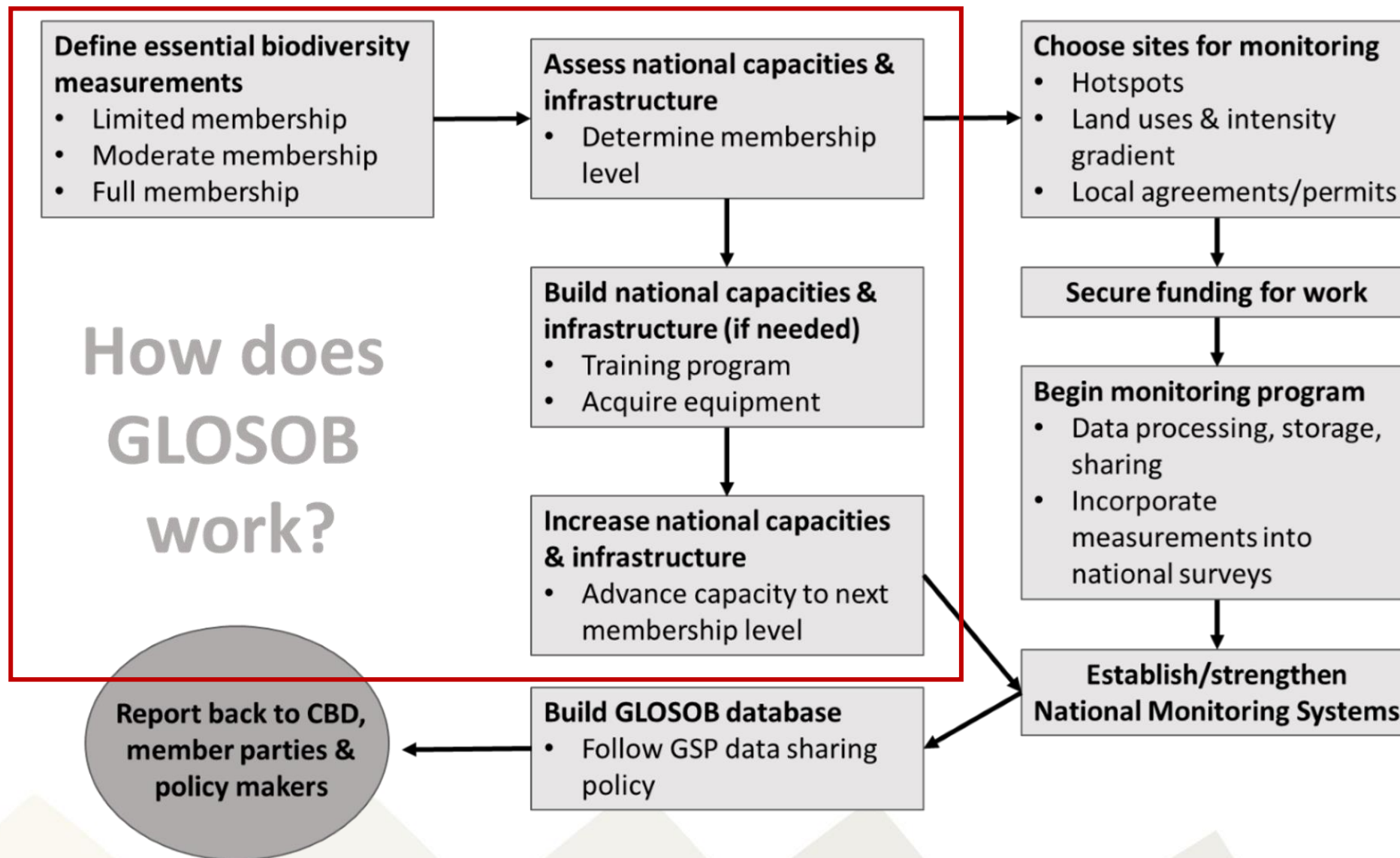


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