



Food and Agriculture
Organization of the
United Nations

19th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

Update on NETSOB and GLOSOB Activities

13-15 November 2023
Online meeting

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INTERGOVERNMENTAL
TECHNICAL PANEL ON SOILS





NETSOB

- 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.

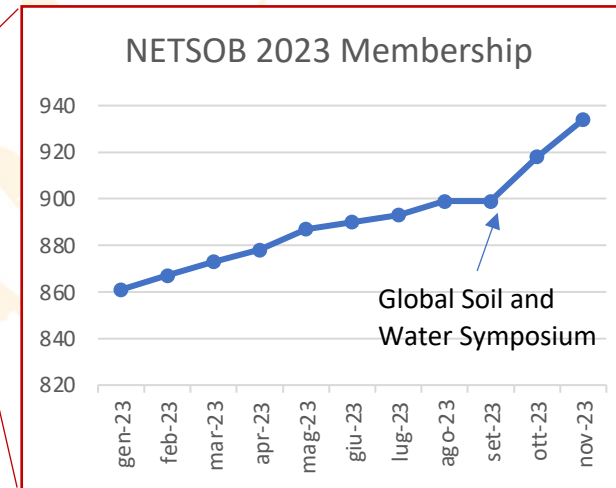
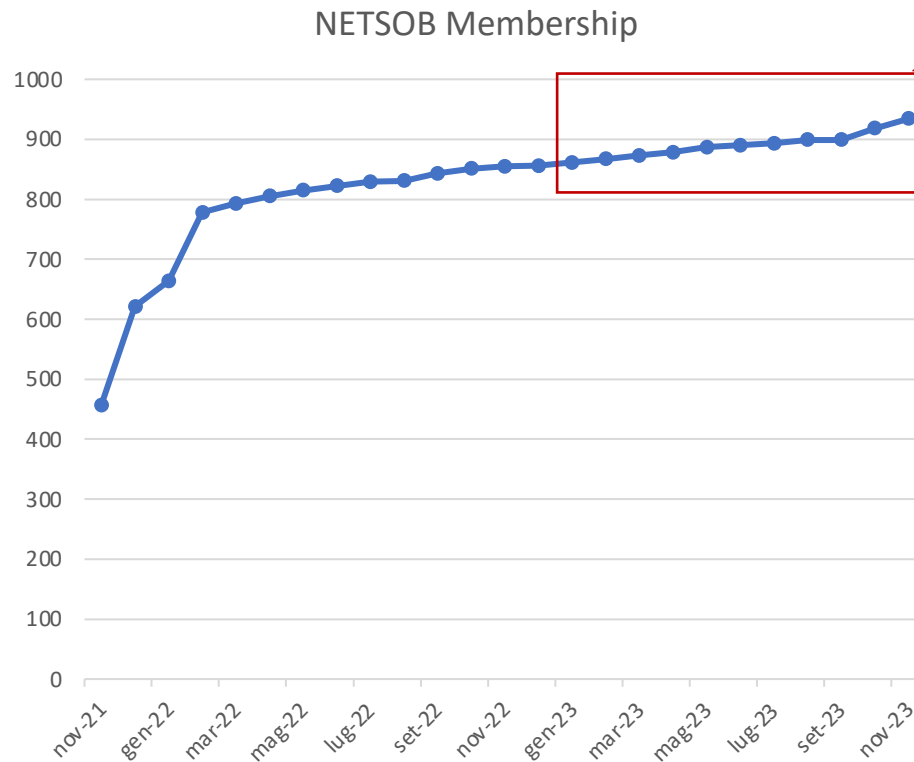
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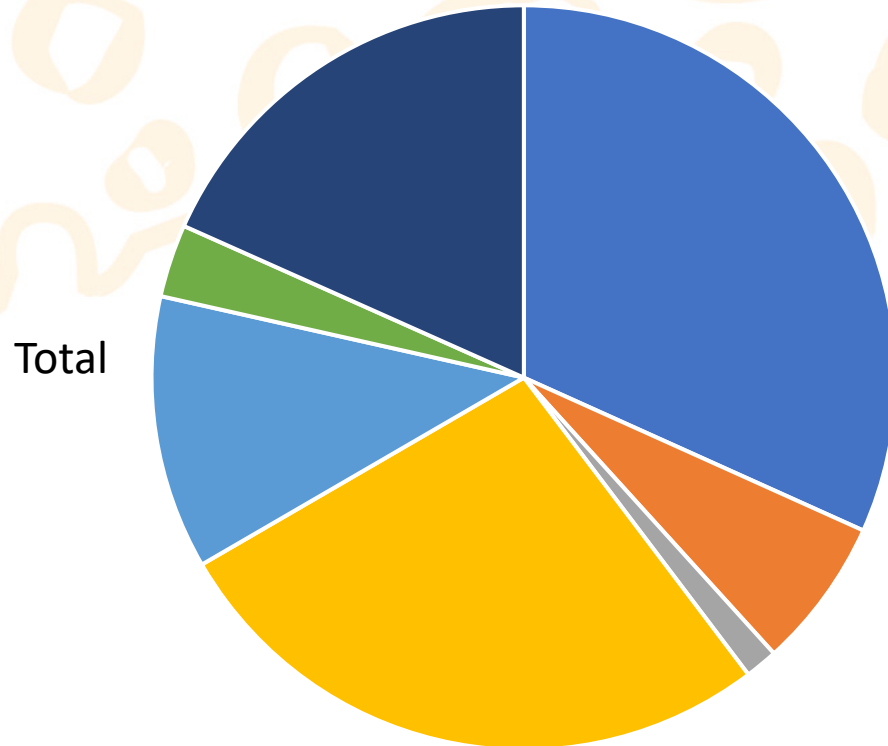
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NETSOB Updates

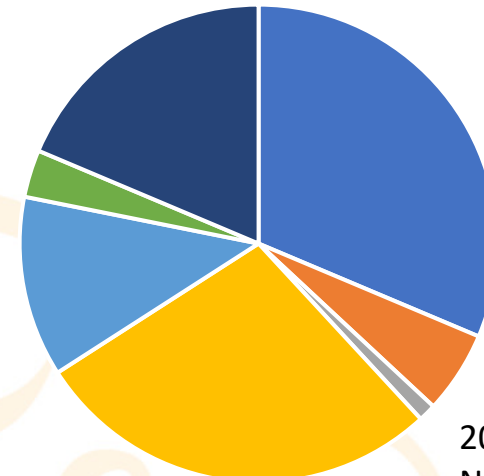


Global Distribution of Membership



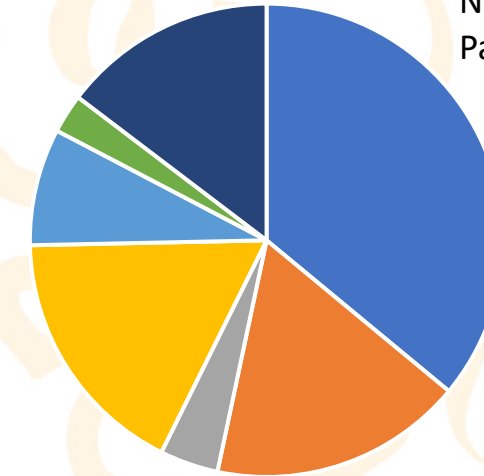
- Europe
- Asia
- Africa
- North America
- Latin America and Caribbean
- Pacific
- North Africa and Near East

2021-2022



2023 Growth is greater in North America and Pacific Regions

2023



- Europe
- Pacific
- Latin America and Caribbean
- Africa
- North America
- Asia
- North Africa and Near East



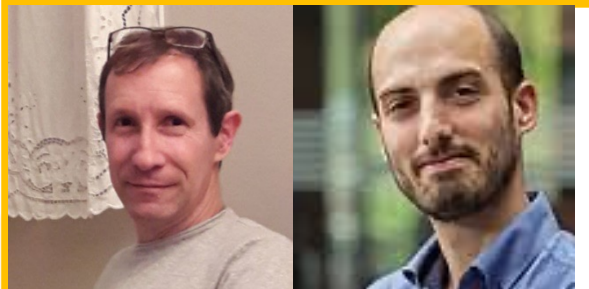
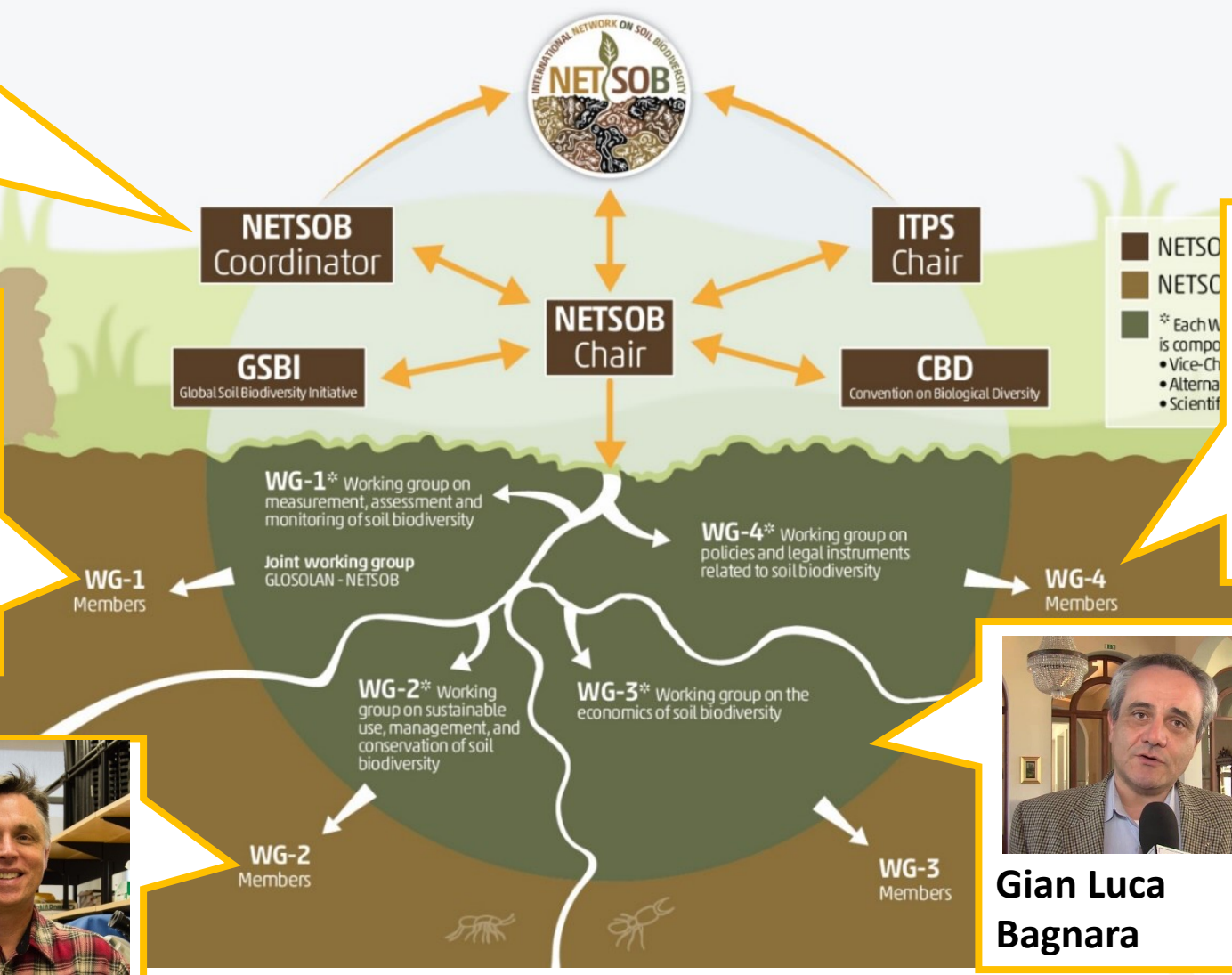
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NETSOB Governance structure



Natalia Rodriguez **Jacob Parnell**



George Brown **Carlos Guerra**



Rosalina Gonzalez **Luca Montanarella**



Zoë Lindo **Jeff Battigelli**

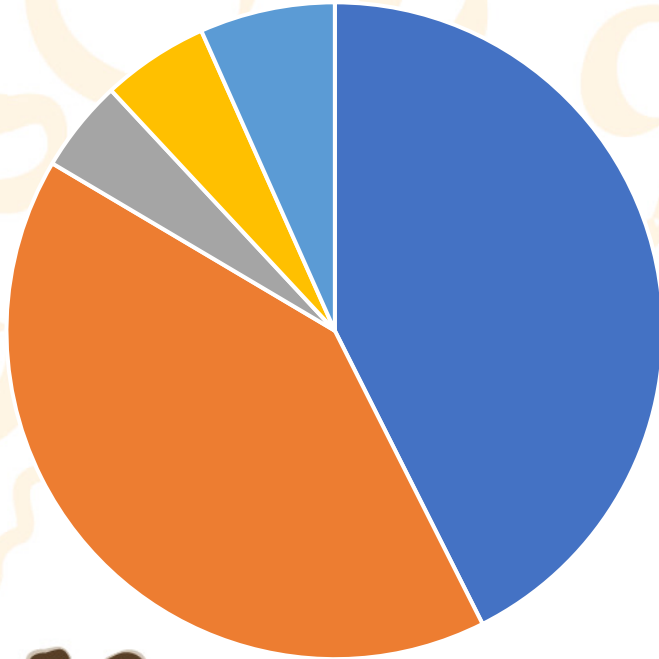


Gian Luca Bagnara **Giulio Malorgio**

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Working Groups in NETSOB



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

MERGED

No specific WG has been selected

2023-2024 NETSOB Activities

MEASUREMENTS

PRACTICES

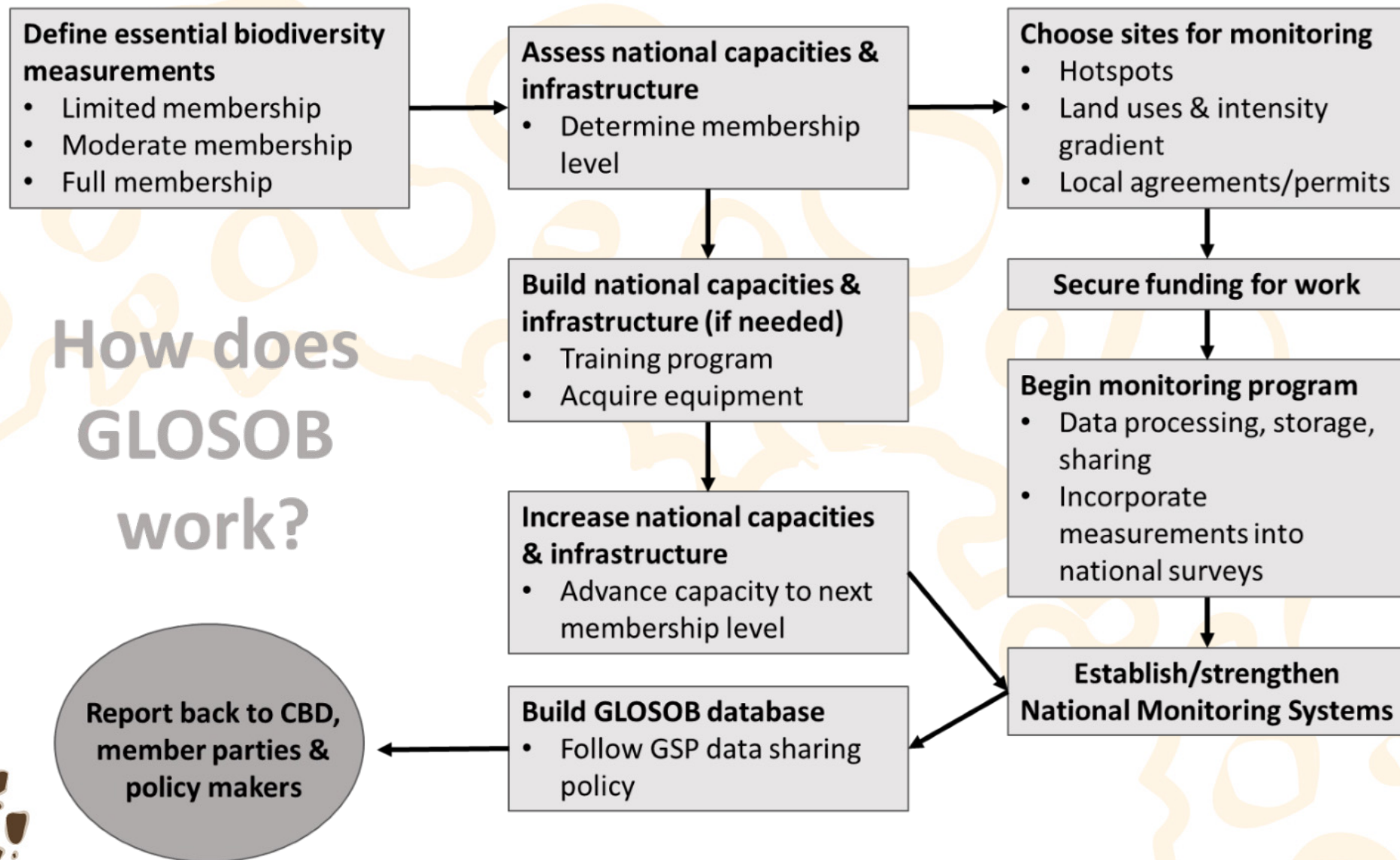
INCENTIVES

	2023	2024.1	2024.2	2024.3
MEASUREMENTS	Present Survey Results			
		Publish Survey Results		
			Publish Literature Review	
		Determine Critical Bioindicators		
PRACTICES			Develop SOPs for Critical Bioindicators	
	Submission of Case Studies			
			Publish Case Studies	
	Submission of Chapters			
INCENTIVES				Publish Chapters
	White paper draft			
			Publish White Paper	
		Survey of Policies		

GLOSOB:



How does GLOSOB work?



NEXT STEPS:

Implementation of the **Montreal 2022 Plan of Action** for the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity.

Support the **GLOSOB implementation** through development of tools, manuals, and standardized procedures.

Development and implementation of soil biodiversity SOPs with Global Soils Laboratory Network (GLOSOLAN)

Inclusion of soil biodiversity loss prevention and management in the **Global Soil Doctors** programme.

Promote the inclusion of **new members** to the 3 technical working groups of NETSOB.

Resource mobilization.





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GLOBAL SOIL
PARTNERSHIP