



Food and Agriculture
Organization of the
United Nations

3rd Annual Meeting of the International Network on Soil Biodiversity (NETSOB)

Objectives and Progress of NETSOB

Prof. Peter de Ruiter: NETSOB Chair



16-17 January 2024
12:00 - 14:00 hrs CET



NETSOB Objectives

Launched

December 2021

Members

995 NETSOB members
from around the world

Governance:

Chair
4 vice-chairs
NETSOB Board

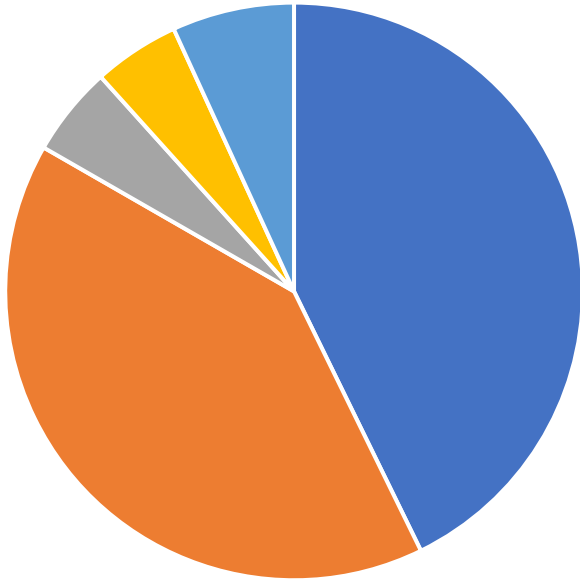
Meetings:

Annual meeting
WG workshops
Webinars

- 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



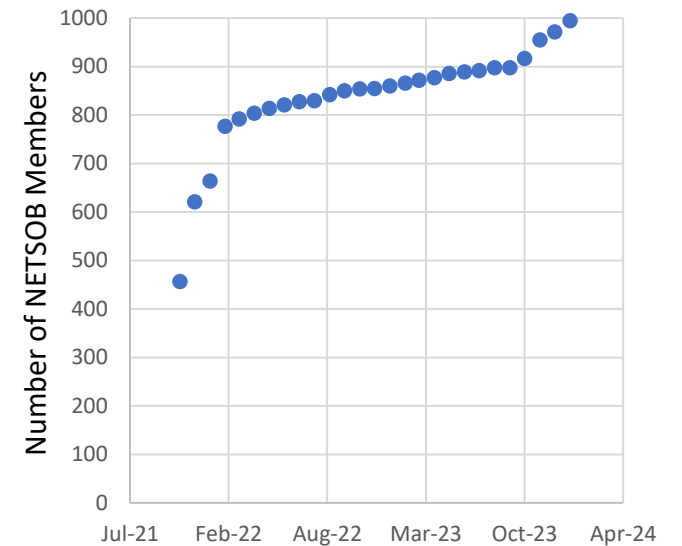
How to measure soil biodiversity: Develop guidelines for measuring, assessing and monitoring soil biodiversity

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

No specific WG has been selected



Working group outcome documents

Measurements – Review and development of **Standardized Operational Procedures (SOPs)** on biological **soil health parameters** in close cooperation with GLOSOLAN (e.g. soil respiration, C/N biomass, microbial enzymatic activities, nematodes trophic groups by wet extraction, QBSar for mesofauna, TSBF for macrofauna)

Management – Compilation of **best management practices**, particularly in agricultural systems, to protect and enhance soil biodiversity

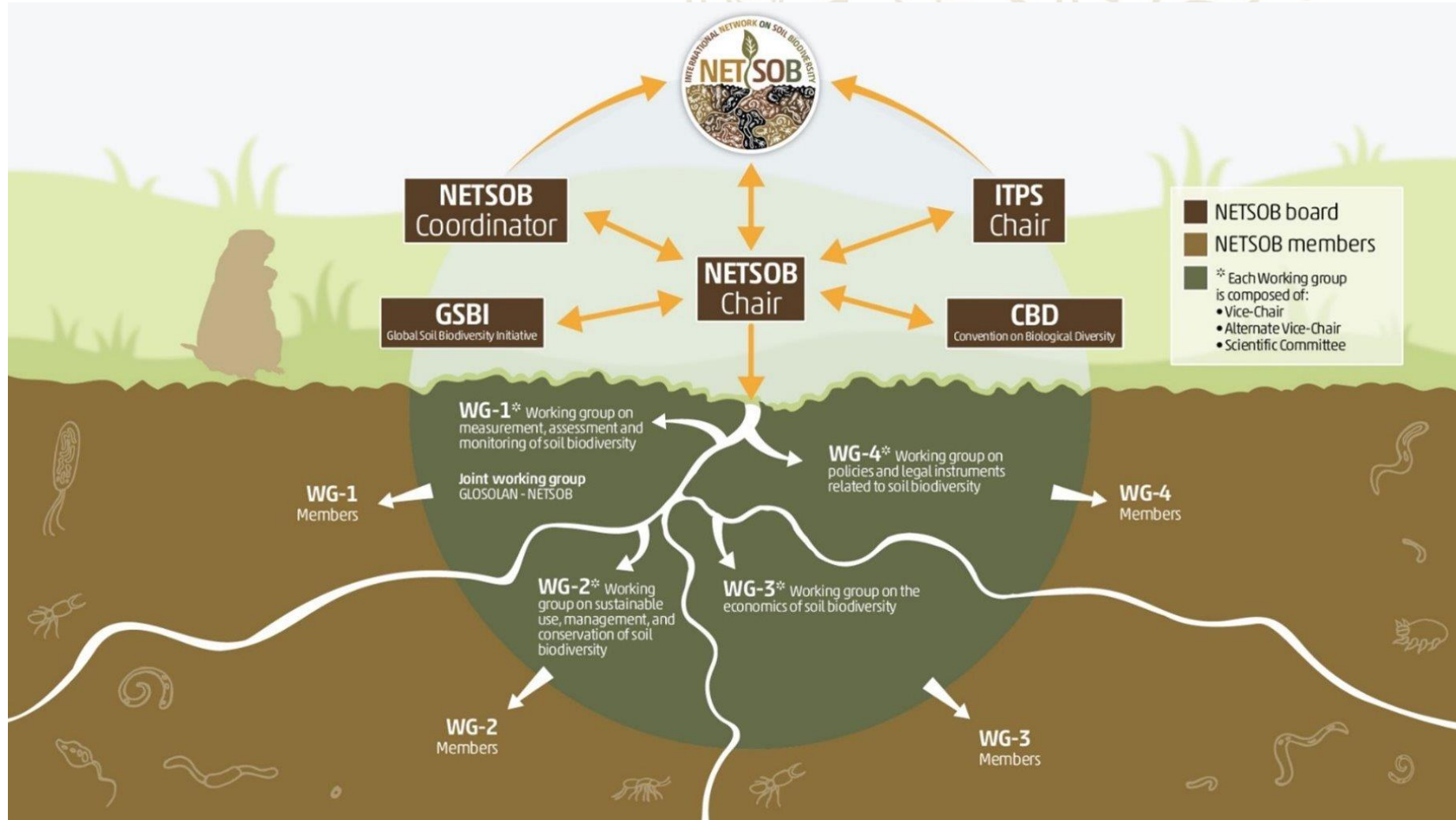
Economics – Development of the methodology for the **economic valuation** of ecosystem services provided by soil biodiversity

Policy – Development of **Policy Briefs** on the Protection, Conservation and Sustainable Use of Soil Biodiversity

Will be combined moving forward



NETSOB Governance



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Natalia Rodriguez

Jacob Parnell



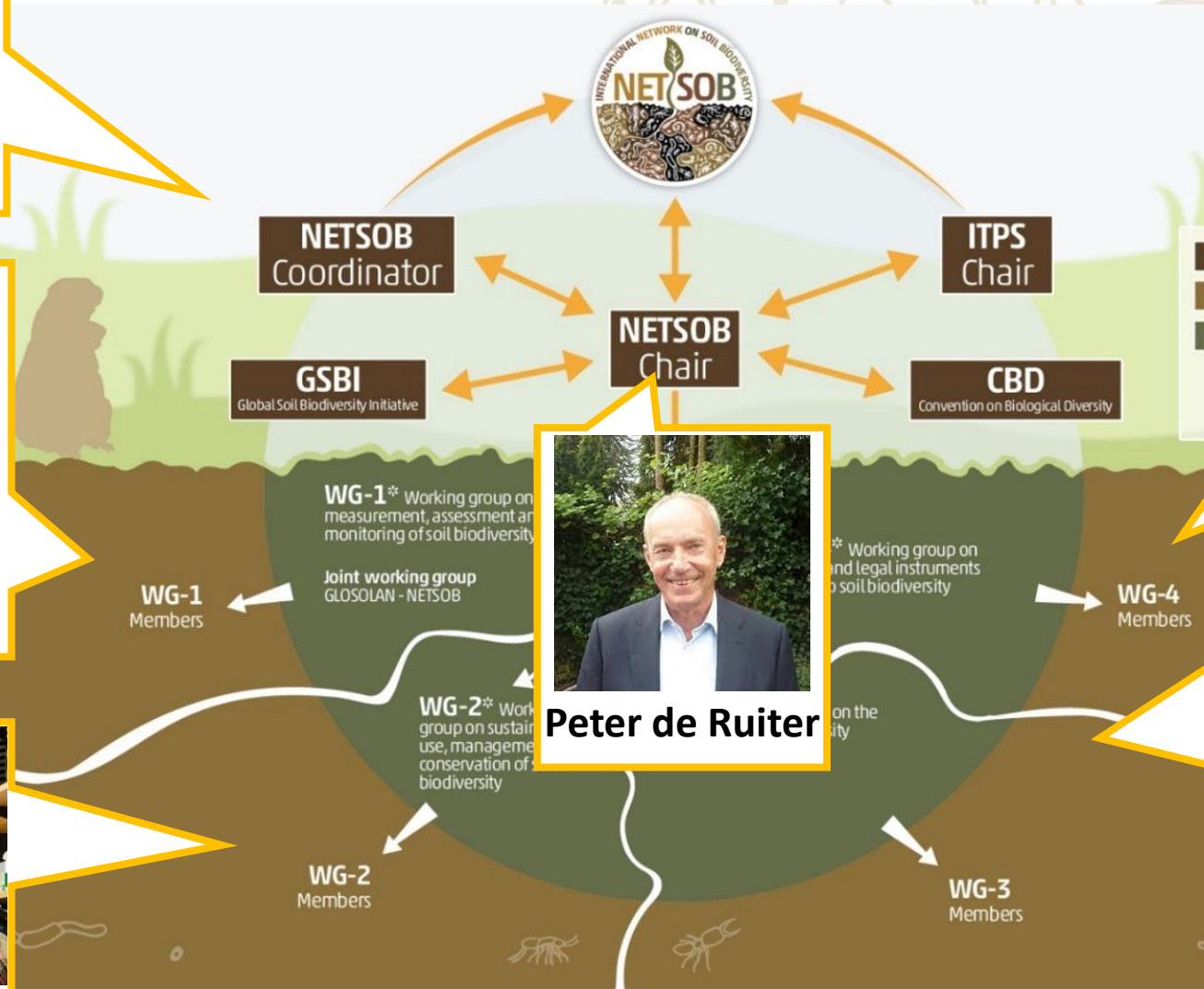
George Brown

Carlos Guerra



Zoë Lindo

Jeff Battigelli



Peter de Ruiter



Rosalina Gonzalez

Luca Montanarella



Gian Luca Bagnara

Giulio Malorgio

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Thank you



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