



Food and Agriculture
Organization of the
United Nations

Launch of the **International Network on Soil Biodiversity**

in the framework of the
Global Soil Biodiversity Observatory

3rd December 2021 | 🕒 14:00 CET
Online meeting

GloSIS & NETSOB

Yusuf Yigini | GSP Secretariat



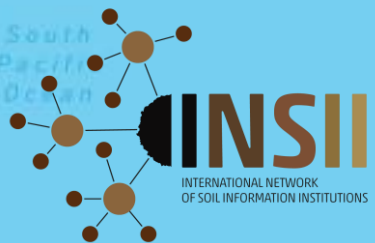
International Network of Soils Information Institutions

➤ Implementation body of GSPs Soil Information & Data activities

➤ 117 Member Countries + EU

➤ INSII's main deliverable is **GloSIS**

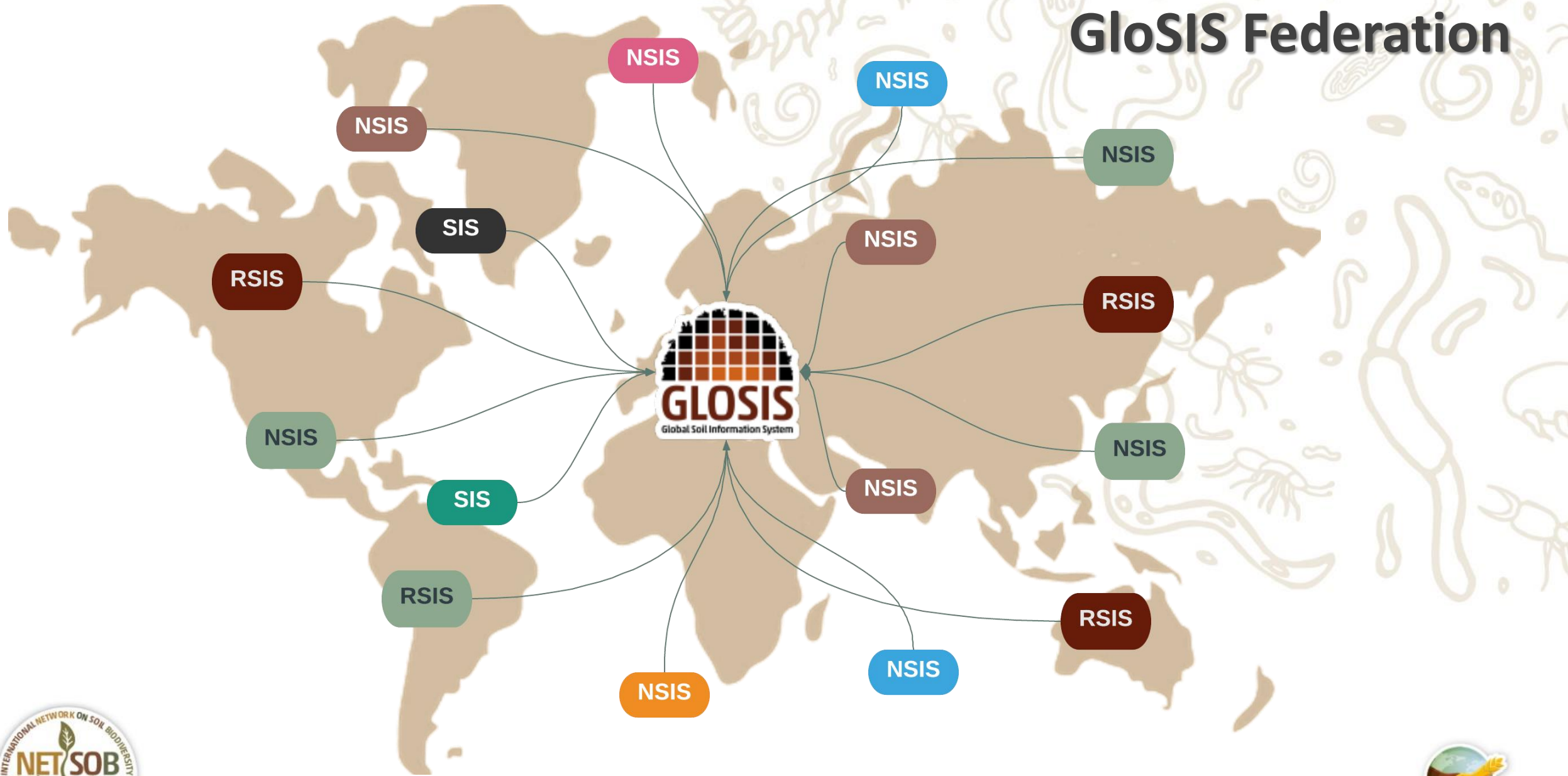




117 Member Countries + EU represented in INSII

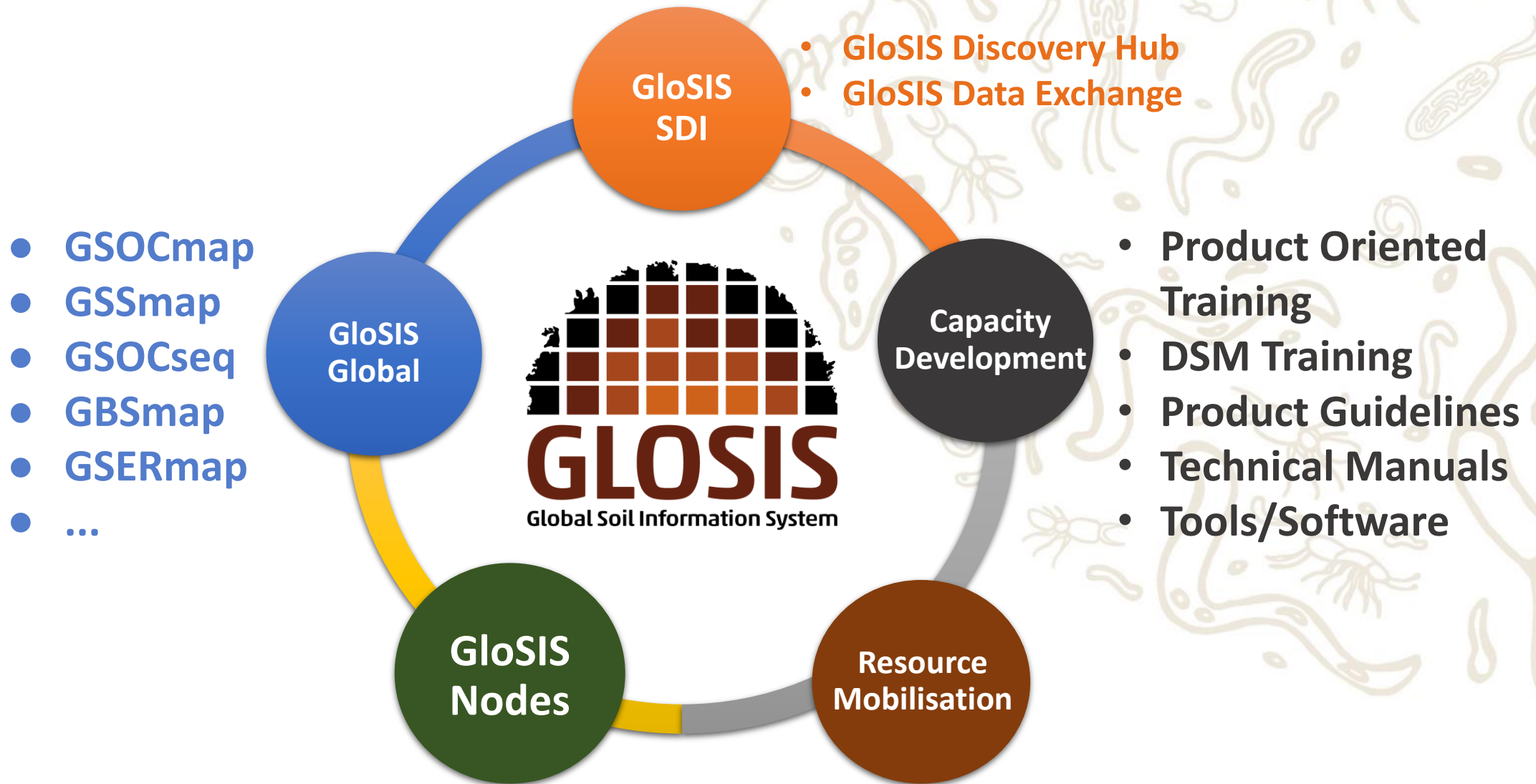


GloSIS Federation



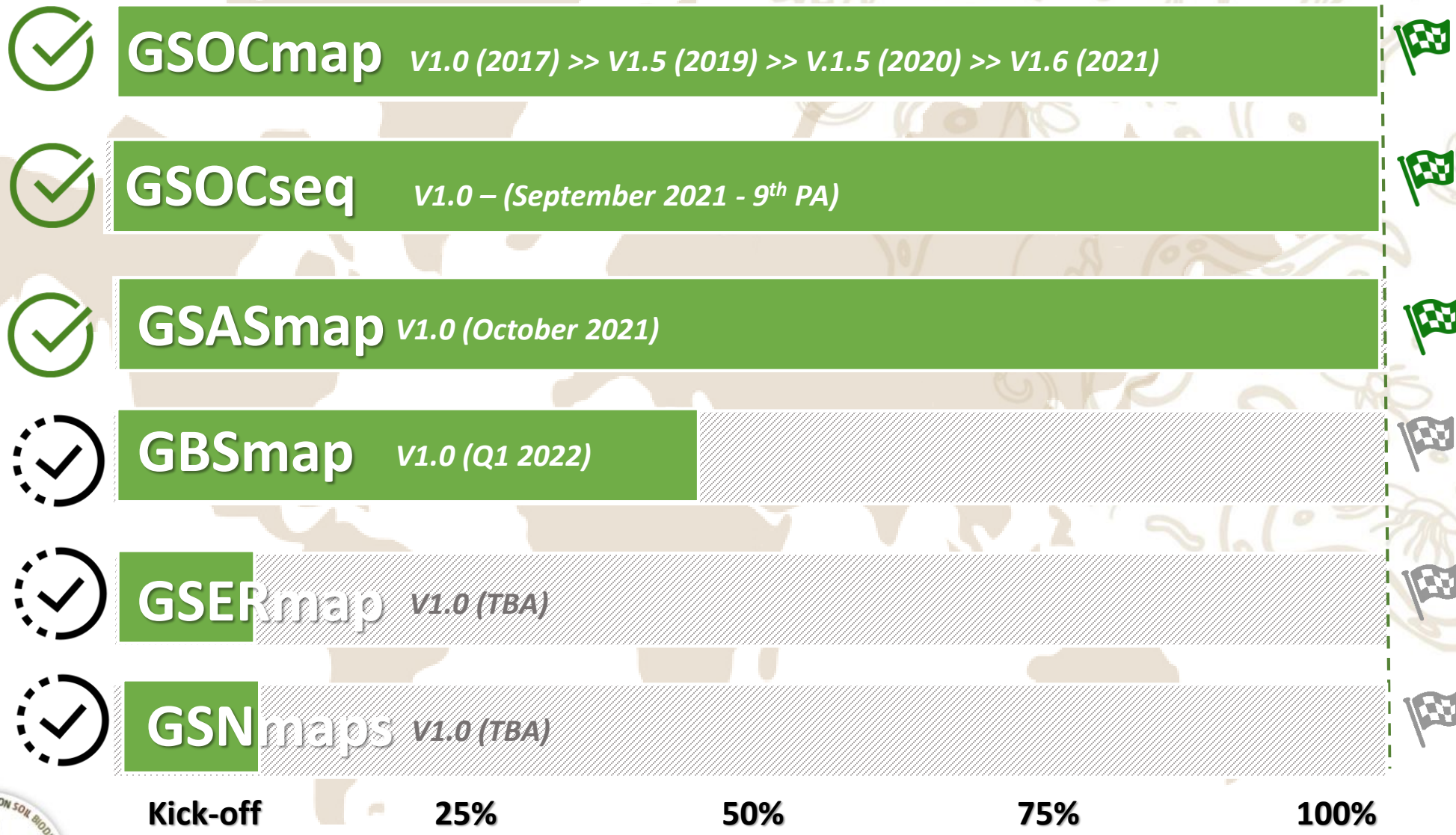
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**GloSIS
Global**



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GSP Capacity Development Programme

140+ Countries
1100+ Experts
50+ Sessions
8 Regions



Teaming Up - GloSOB - GloSIS - SoilSTAT



- Harmonised soil biodiversity data/information
- Interoperability (GloSOB, GloSIS and SoilSTAT)
 - GloSIS Data Exchange
 - GSP Soil Data Policy
 - Store, serve, exchange soil data
- Data Flow (GloSOB, GloSIS and SoilSTAT)
- GloSOB – towards NSOBs



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Teaming Up – NETSOB & INSII



Soil Biodiversity

- Information & Data
- Knowledge
- Science
- Expertise



Technical Design

- Monitoring Approaches
- Sampling Design
- Platform Development
- Harmonisation
- Mapping Soil Biodiversity

- **Monitoring Soil Biodiversity**
e.g. Species Diversity, Biological Functions, Threats to Soil Biodiversity.
- **Forecasting Soil Biodiversity**
forecasting biodiversity change, soil biodiversity dynamics on a broad spectrum of time and space.
- **Mapping Soil Biodiversity**
e.g. Species Diversity, Biological Functions, Threats to Soil Biodiversity
- **Reporting** – Assessment reports, policy briefs, strategic plans

Teaming Up – NETSOB & INSII



Soil Biodiversity

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Technical Design

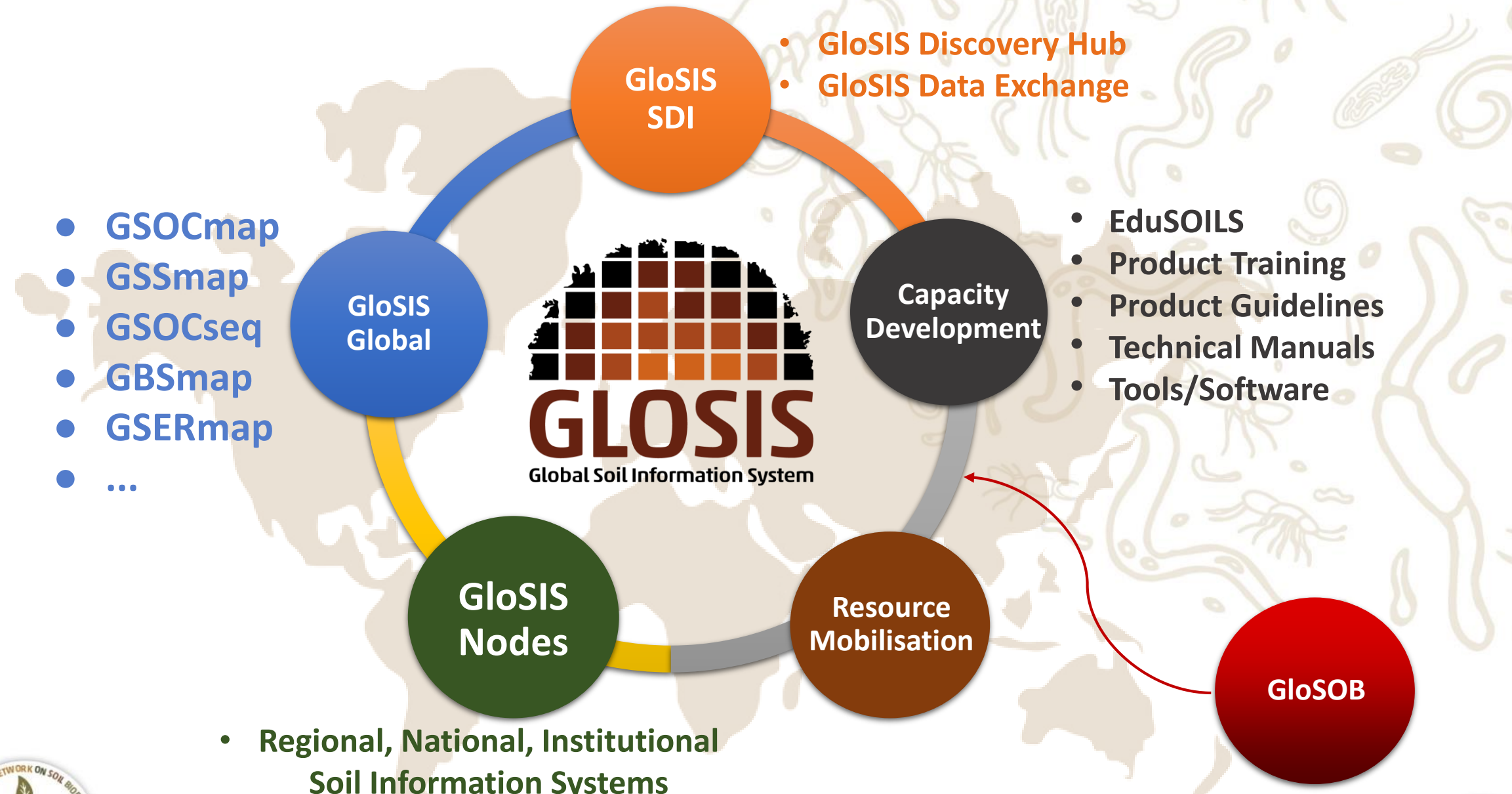
- Monitoring Approaches
- Sampling Design
- Platform Development
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NETSOB WG1 -

measurement, assessment and monitoring of soil biodiversity

NETSOB WG2 - on

sustainable use, management, and conservation of soil biodiversity;



- GSOCmap
- GSSmap
- GSOCseq
- GBSmap
- GSERmap
- ...

- GloSIS Discovery Hub
- GloSIS Data Exchange

- EduSOILS
- Product Training
- Product Guidelines
- Technical Manuals
- Tools/Software

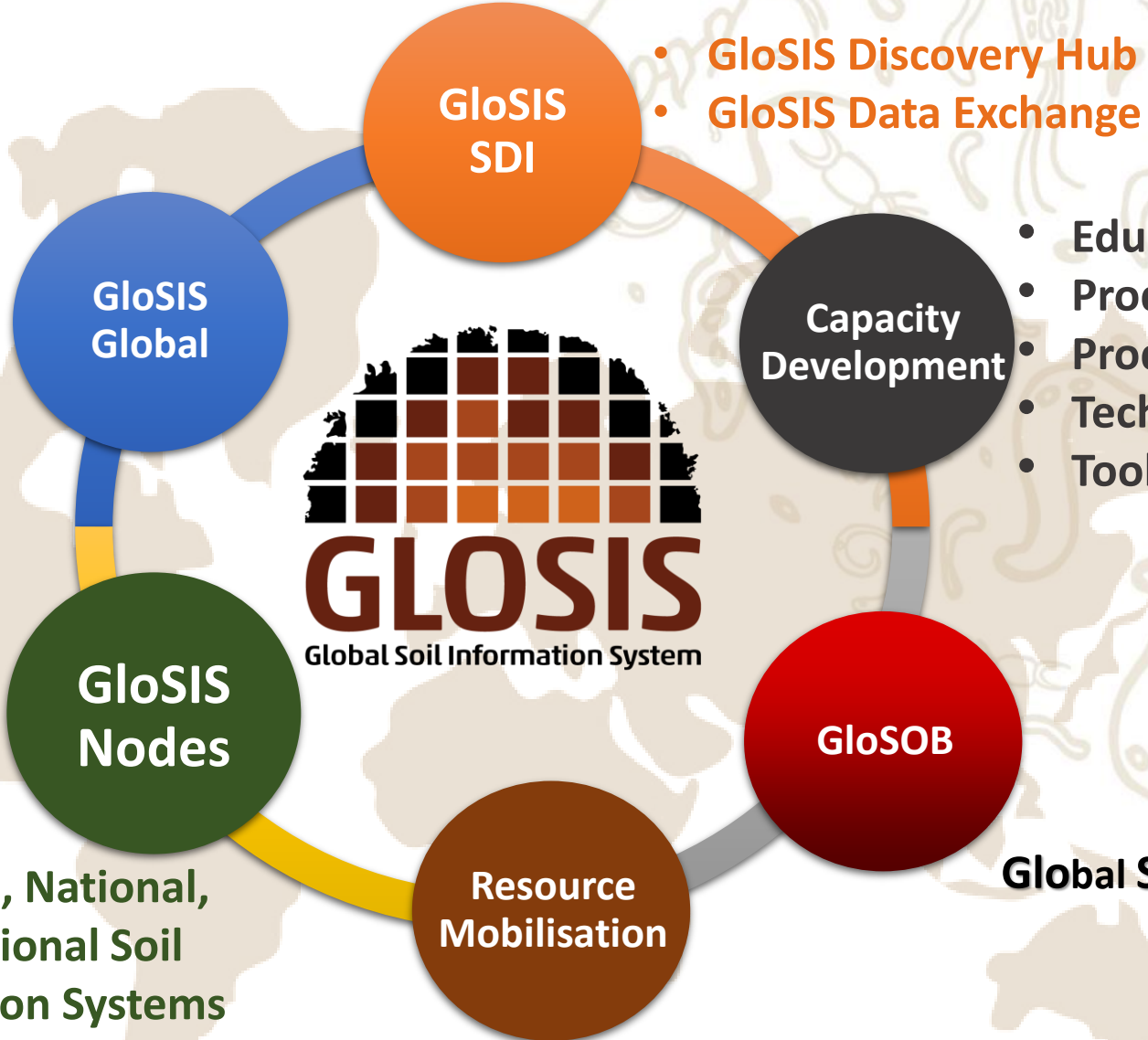
- Regional, National, Institutional Soil Information Systems



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Global Soil Biodiversity Observatory



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Thank you and HAPPPY



World
Soil Day



Día
Mundial
del Suelo



Journée
Mondiale
des Sols



Всемирный
день почв



世界土壤日



اليوم العالمي
للتربة