



Food and Agriculture  
Organization of the  
United Nations

22-24 November 2022

# Strengthening Soil Diagnostic Capacity in the Caribbean: Forming CARSOLAN

Gaius Eudoxie

Vice President, ASLAC

English Speaking Caribbean

6<sup>th</sup> Meeting of the  
**Global Soil  
Laboratory  
Network**  
(GLOSOLAN)



**GLOSOLAN**  
GLOBAL SOIL LABORATORY NETWORK



# SOILCARE

Caribbean Small Island Developing States (SIDS) Multicountry Soil Management Initiative for Integrated Landscape Restoration and Sustainable Food Systems: Phase 1 (CSIDS-SOILCARE Phase 1)

## Objective

To Strengthen Caribbean SIDS with the necessary tools for adopting policies, measures and reforming legal and institutional frameworks to achieve Land Degradation Neutrality LDN and Climate Resilience

# Components

CARSOLAN + CARSIS

Land Degradation and Ecosystem Restoration

Climate Smart Agriculture

Land Use Alternatives

Capacity Development, Communication and Policy

6<sup>th</sup> Meeting of the **Global Soil Laboratory Network (GLOSOLAN)** | 22-24 November 2022



# Complimentary Work Streams

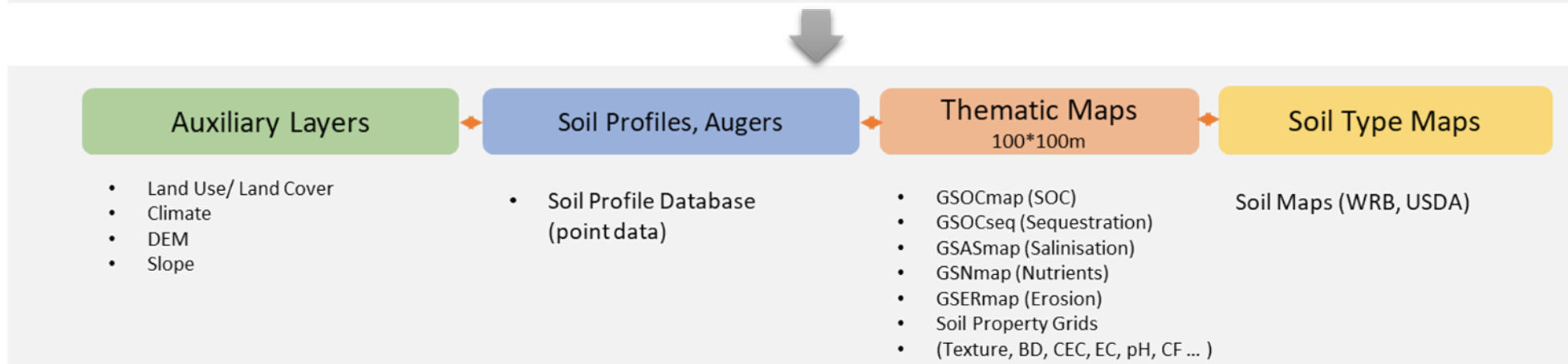
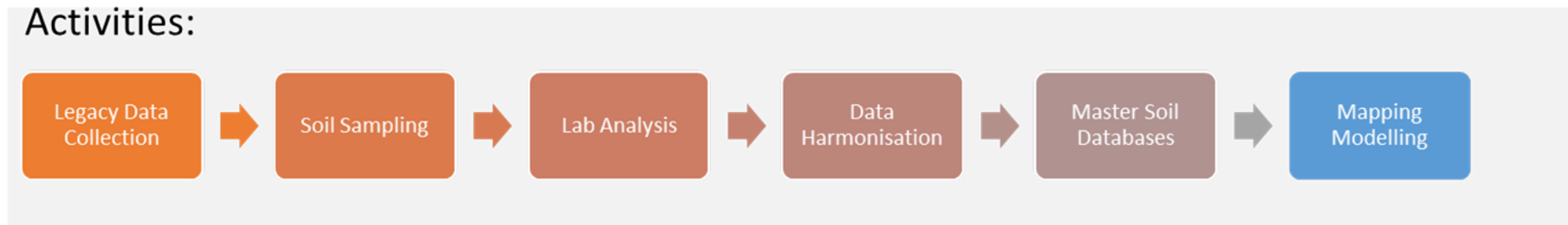
## WS1 - Data production ( country driven)

- Data Collection, Harmonisation, Mapping, Modelling

## WS2- System Development (country driven - Regional)

- Establishing SDIs, National Soil Information Systems, CarSIS and DSS

# WS1 – SOILCARE Data Production



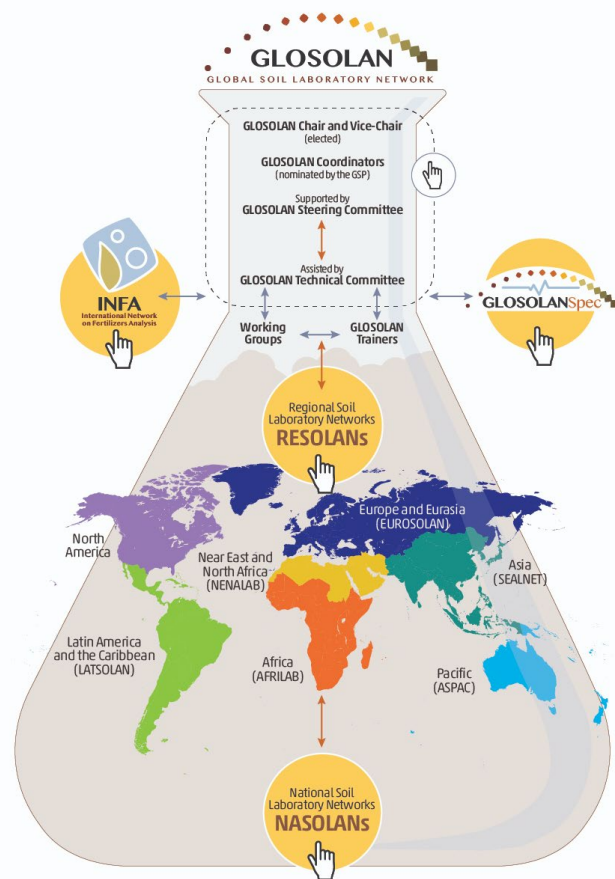
## Soil Information Systems

Antigua and Barbuda, Belize, Barbados, Granada, Guyana, Haiti, Jamaica, St Lucia

6<sup>th</sup> Meeting of the **Global Soil Laboratory Network (GLOSOLAN)** | 22-24 November 2022



# Status and Workplan



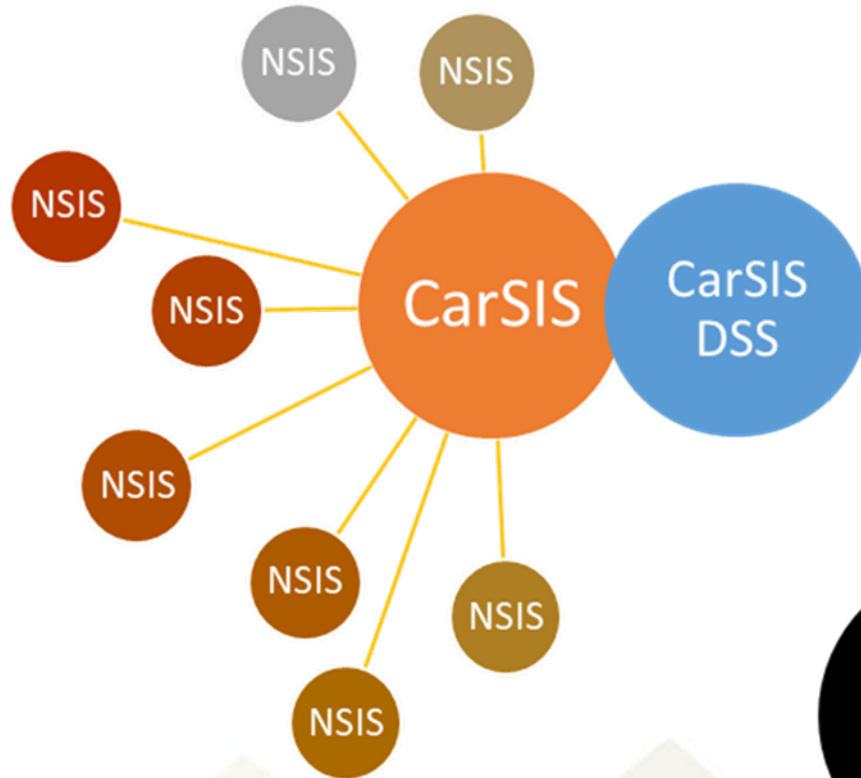
- Soil laboratory capacity assessment performed
- Agreement on minimum set of SOPs for harmonization and capacity building
- All participating countries registered to GLOSOLAN
- Procurement of equipment and consumables
- Training in SOPs including quality management

6<sup>th</sup> Meeting of the **Global Soil Laboratory Network (GLOSOLAN)** | 22-24 November 2022



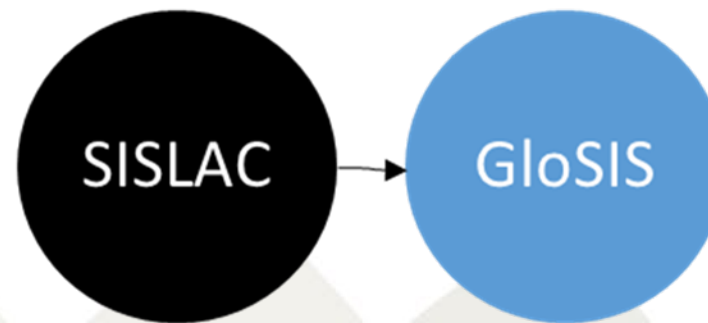


# WS2 – SOILCARE System Development



## Activities:

- Development of SIS software for SoilCARE countries (National Systems)
- CarSIS Platform (Regional System)
- CarSIS Decision Support System (CarSIS DSS)



Antigua and Barbuda, Barbados, Belize, Granada, Guyana, Haiti, Jamaica, St Lucia

6<sup>th</sup> Meeting of the **Global Soil Laboratory Network (GLOSOLAN)** | 22-24 November 2022





Food and Agriculture  
Organization of the  
United Nations

A decorative graphic consisting of a series of squares and dots in shades of orange, yellow, and grey, arranged in a curved, descending pattern from the top left towards the right.

**GLOSOLAN**  
GLOBAL SOIL LABORATORY NETWORK

Thank You  
*Your support is appreciated*

