



Food and Agriculture
Organization of the
United Nations

The Recarbonization of Agricultural Soils (RECSOIL) initiative: supporting farmers to increase soil carbon while bolstering soil health

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Michaela Brown – Food and Agriculture of the United
Nations, Global Soil Partnership Secretariat





What is RECOSOIL?

- It's an innovative **initiative** with the objective of improving soil health through the **maintenance and increase** of SOC stocks.
- It is a mechanism whereby farmers are encouraged/compensated to adopt sustainable practices to increase yields.
- Farmers receive **technical support and financial incentives** (national and international project funds, donors)

RECISOIL – Tools, Projects and Networks - FAO GSP



GSOC and GSOCseq Maps and Capacity Development



Technical Manual: Recommended Practices



SSM and GSO-C-MRV Protocols



Harmonization of Laboratory Procedures e.g. for SOC

Farmers are duly recognized and compensated

Individual payment schemes

Working with national governments to create ecosystem payment service schemes for individual farmer compensation



In the case of Costa Rica:
Existing ecosystem payment services for forestry
Practice-based point system for farmer compensation

Community-based incentives

Provision of equipment and communal resources for the longevity of SSM practice implementation



In the case of Togo:

- RECSOIL implemented primarily through producers' organisation
- Preference expressed for processing equipment for cashew nuts and other communal resources

RECSOIL tools can support national priorities and targets

Soil carbon measurements at the heart of the 3 Rio conventions



United Nations
Framework Convention on
Climate Change

**Mitigate and adapt to
climate change**

TARGET
NATIONALLY DETERMINED CONTRIBUTIONS



**Convention on
Biological Diversity**

**Conserve and use sustainably above
and below ground biodiversity**

TARGET
KUNMING-MONTREAL TARGETS



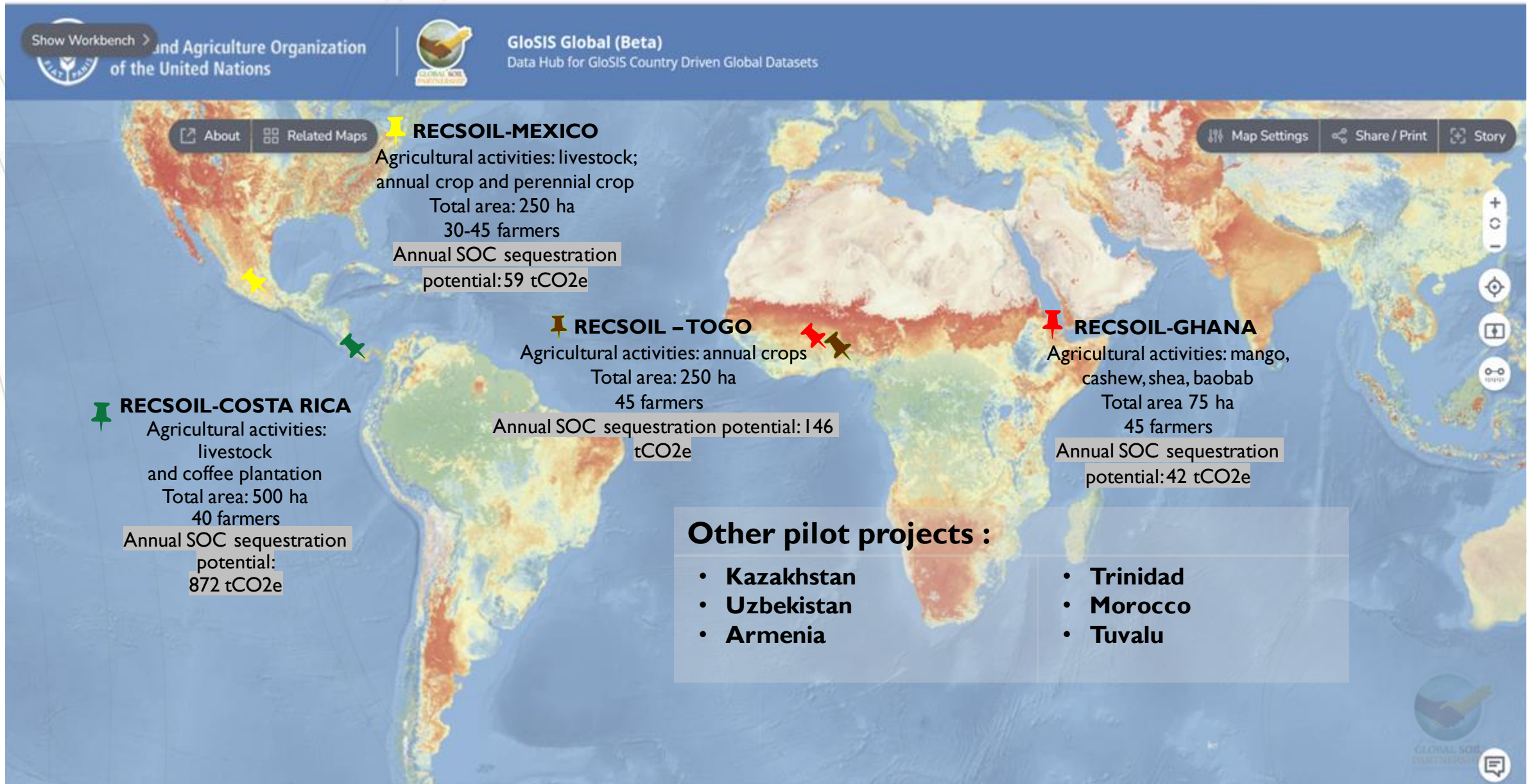
United Nations
Convention to Combat
Desertification

**Combat desertification, Land
Degradation, and Drought**

TARGET
LAND DEGRADATION NEUTRALITY



RECISOIL – Green Path / Piloting countries



Smallholder farmer focus in Northern Ghana's Savannah

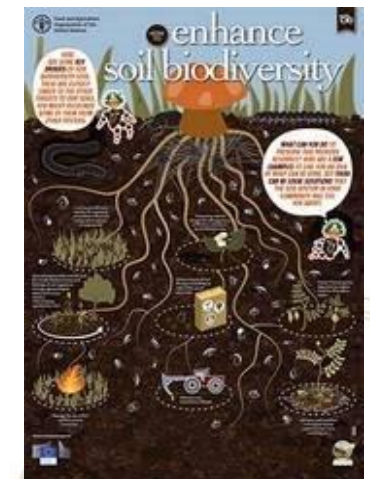
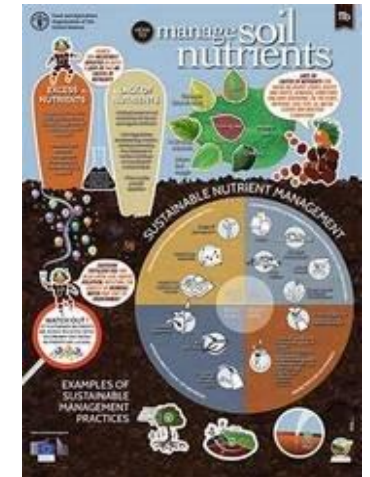
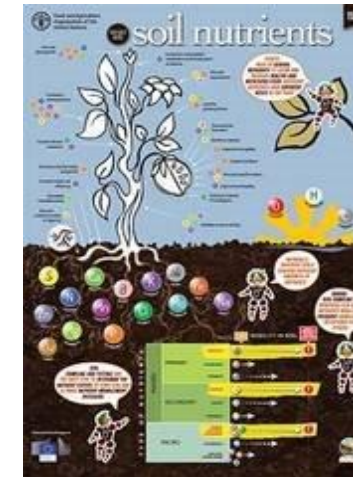
The pilot project is implemented in the area of **Lawra**, through partnership with:

- **Council for Scientific and Industrial Research – Soil Research Institute (CSIR-SRI)**
- **Community Action in Development and Research (CADER, farmers' association)**

The primary production systems divided into:

- **Cultivation** of maize, millet, and rice
- **Agroforestry** of baobab, mango and shea
- Integration of **livestock**

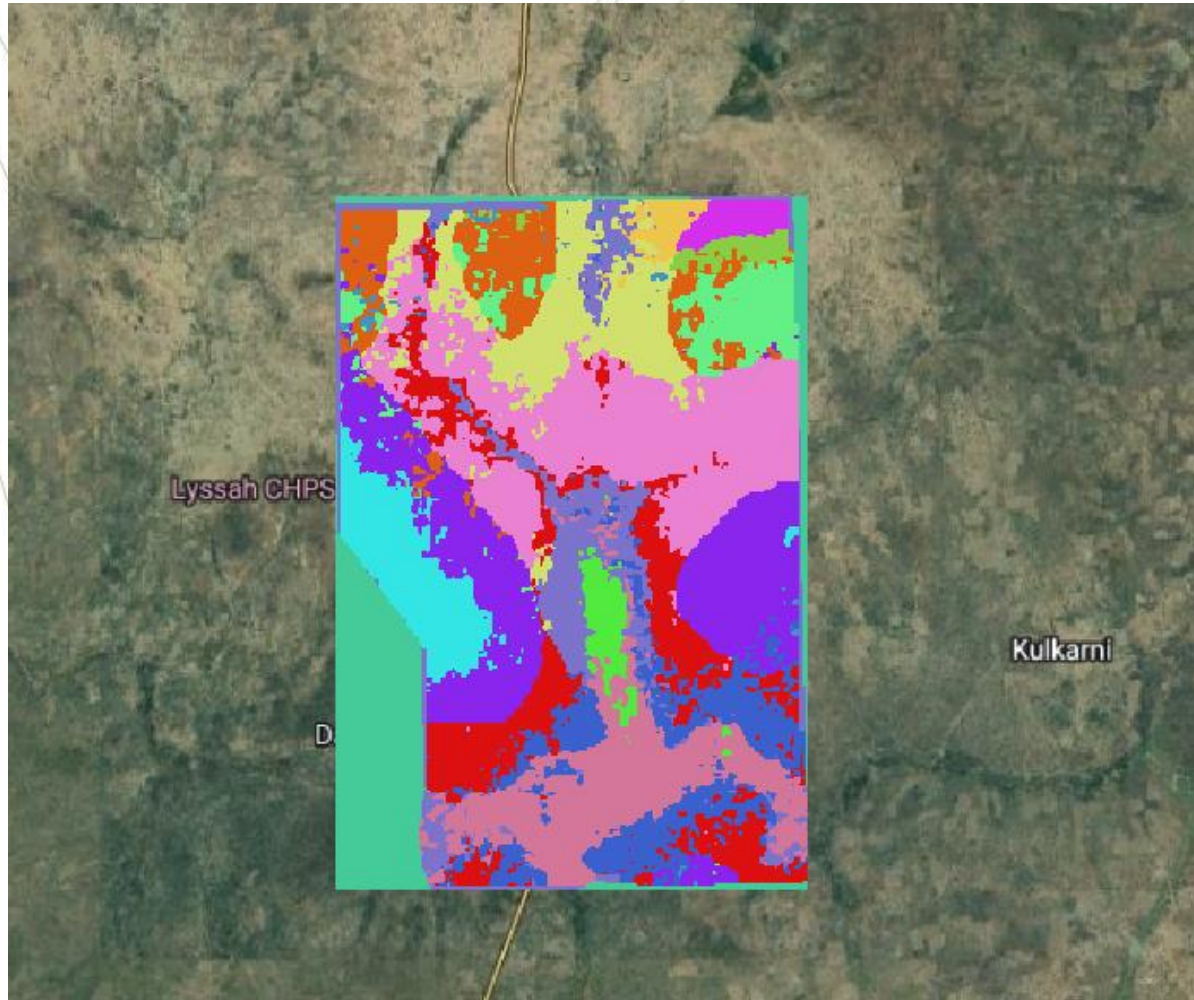
45 farmers are participating across 75 hectares.



Soil Doctors' materials selected based on stakeholder consultation, in translation to Dagaare



Implementation of RECSOIL in Northern Ghana



Stratification of project area into homogenous assessment units using soil, land and climate data

- **15 technicians trained** on data management and spatial tools for designing and implementing a robust **sampling strategy for soil carbon monitoring**
- **Draft sampling design created**, to be validated in the field
- **Soil Doctors' materials adapted** for project area
- **Next steps:**
 - **In-person training** – Soil Doctors and baseline analysis methods
 - Finalisation of SSM implementation based on baseline results



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Thank you for your
attention

