



Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL PARTNERSHIP

12th Plenary Assembly

03-05 June 2024

African Soil Partnership

Ms Anne Muriuki

AfSP Chair



Main soil activities ongoing in the region

- A. **REC SOIL:** implementation sites in Ghana and Togo (discussions are ongoing with Mozambique)
- B. **Soil Doctors:** Ghana (new implementation site), Nigeria
- C. **Soil laboratories:** Towards improving analytical capacity and soil data quality
- D. **Digital Soil Mapping:** Training for over 20 countries
- E. **Connection with other initiatives** (SIA, Soil Legislation, SoILEX database, UNEP, Model soil law for Africa)
- F. **SoilFER:** More countries involved (Zambia, *+Kenya, +Ghana, +Mozambique (VACS)*)
- G. **Policy briefs:** Under development
- H. **Capacity building:** Webinars covering various topics planned
- I. **Awareness raising and advocacy on soil health:** WSD celebrations

A. RECISOIL



Training was held in Togo, July 2023
(20 trainees from the laboratory + 15 soil doctors)

B. Soil Doctors

Training held in Nigeria, February 2024

*(5 trainers, 50 Soil Doctors,
250 Estimated farmers reached)
thanks to the Nigeria Institute of
Soil Science in collaboration with
Indorama fertilizer*



C. Soil Laboratories

- Targeted participants → Lab technicians
- Topics covered:
 - ✓ **Quality control**
 - ✓ **Chemical and physical soil analysis**
 - ✓ **Health and safety in the laboratory**
- Thanks to the French National Research Institute for Sustainable Development (IRD) and Senegalese Institute of Agricultural Research (ISRA) for the support



40 countries participated including...

Benin, Botswana, Cameroon, Cape Verde, Chad, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, Eritrea, Eswatini, Ethiopia, Gabon, Ghana, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Rwanda, Republic of Guinea, Sao Tome and Principe, Senegal, Sierra Leone, Somalia, South Sudan, Tanzania, The Gambia, Togo, Uganda, Zambia, Zimbabwe

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C. Soil Laboratories....

AFRILAB In-person Training (Dakar, Oct 2023)



About 80 participants from 40 Sub-Saharan countries attended the training

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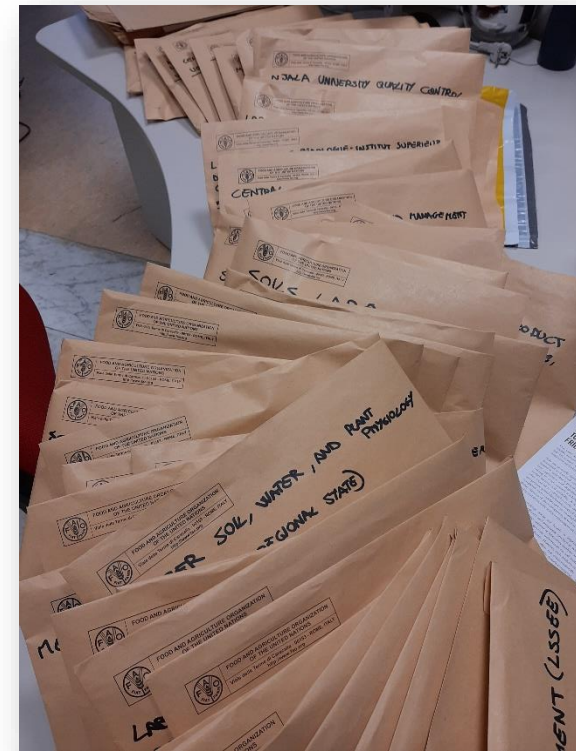


C. Soil Laboratories...

Towards precise and accurate soil measurements...

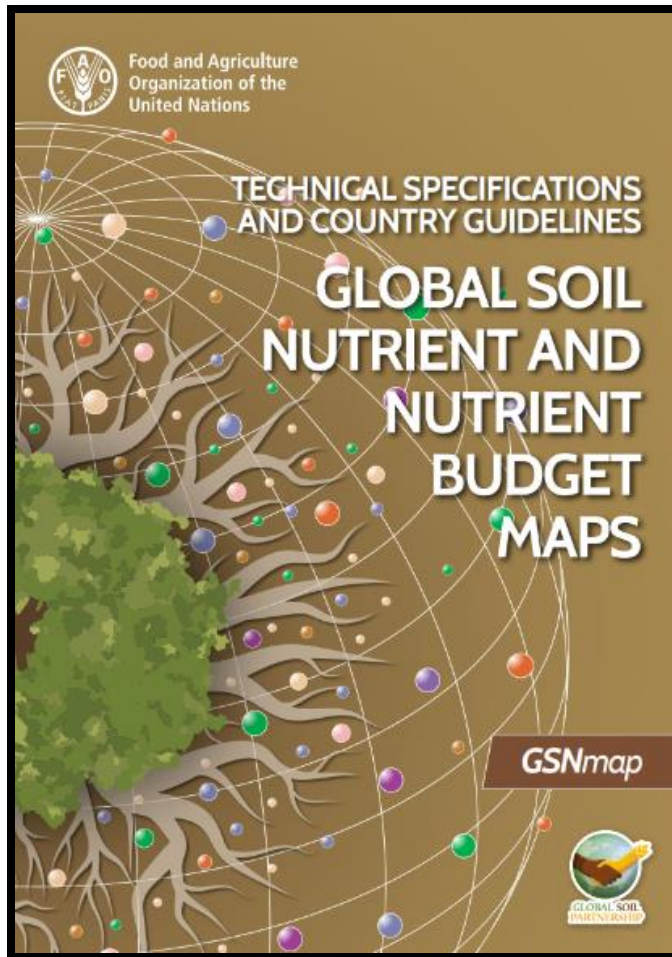
Follow up actions

- Monitoring the impact of the Dakar training
 - ➔ **Survey** on the actions taken in the lab on quality assurance and quality control administered
- Facilitating the adoption of GLOSOLAN SOPs
 - ➔ Translation in **French** and **Portuguese**
- Regional inter-laboratory proficiency test (PT) targeting SOC, N, P.
 - ➔ **Over 70** African laboratories participated. Results collected, currently under analysis



D. Digital Soil Mapping

85 participants from 22 countries were capacity built on Digital Soil Mapping



COUNTRY	N. of experts trained
Botswana	2
Burkina Faso	1
Cameroon	3
Central African Republic	3
Democratic Republic of the Congo	4
Eswatini	1
Ethiopia	4
Gabon	1
Gambia	4
Ghana	2
Kenya	3
Lesotho	2
Liberia	1
Madagascar	2
Mali	3
Mauritius	2
Nigeria	15
Somalia	1
South Africa	6
Togo	1
Uganda	24
Total	85



Participants from Uganda

E. Connection with other initiatives

- **Africa Fertilizer and Soil Health (AFSH) Summit** (May 7-9, Kenya)

outcomes shared with the Focal Points:

- Soil Initiative for Africa (SIA)
- Nairobi Declaration
- 10 year Action Plan for Fertilizer & Soil Health
- Agenda 2063, the Africa we want



- **Model Soil Law for Africa**

- Discussions are ongoing with Botswana, Burkina Faso, Democratic Republic of Congo, Ethiopia, Madagascar, Mozambique in collaboration with the *German Environment Agency*

E. Connection with other initiatives...

- AfSP Focal points invited to fill in the survey by the **United Nations Environment Programme (UNEP)** survey on legal, institutional and policy measures on sustainable soil governance in Africa.
- AfSP Focal Points asked to provide information to update **FAO's SoiLEX** database
- Efforts being made to assist countries in need to develop **Soil Legislation Tools** (e.g. Djibouti)

F. SoilFER

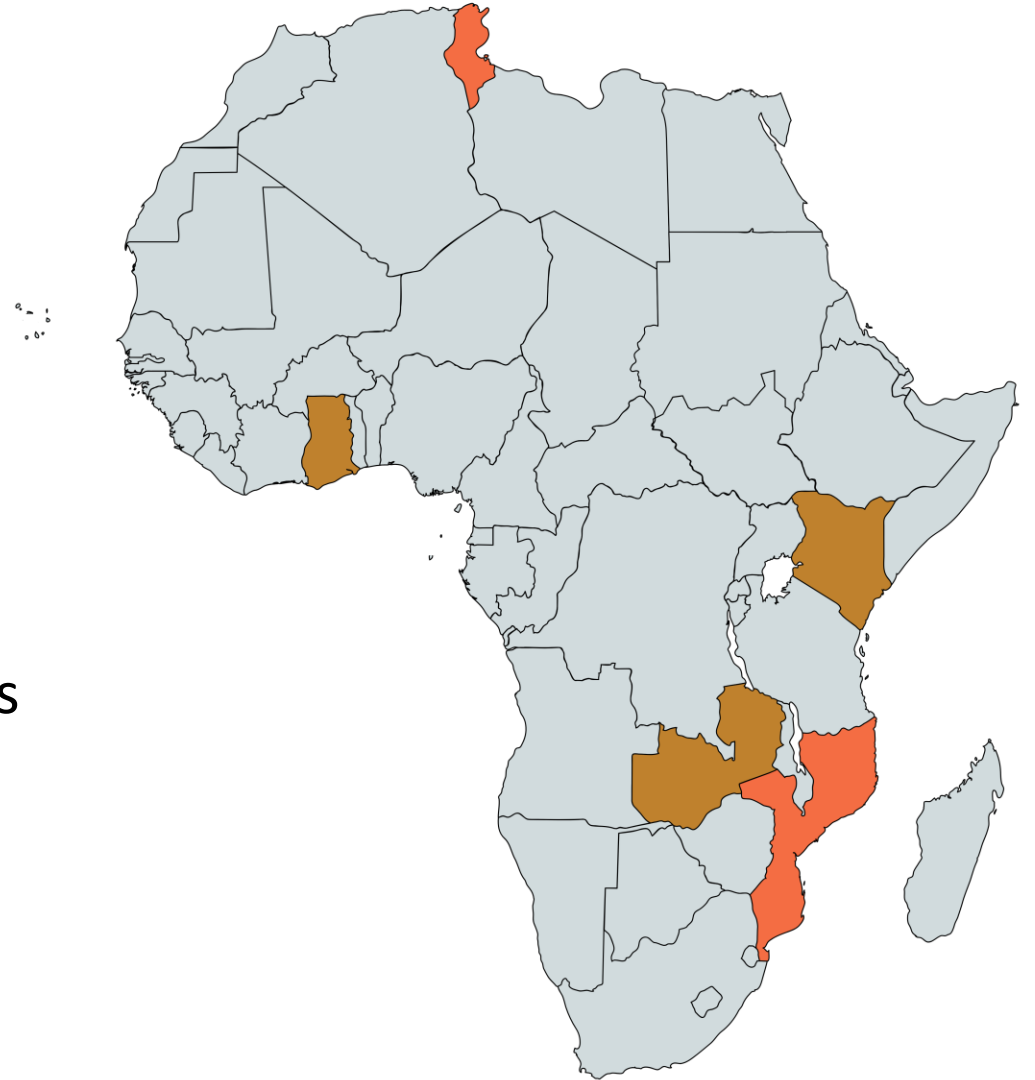
More countries involved involved:

- Zambia, **+Kenya, +Ghana**

Funded by the US Department of State

- **Mozambique** (and Tunisia)

Funded by the Japanese Ministry of Foreign Affairs



G. Policy briefs

Are under development covering these topics:-

- ✓ African soils: resources and diversity
- ✓ Soil erosion
- ✓ Soil nutrient depletion
- ✓ How to work with farming communities to tackle soil management issues at landscape/watershed level
- ✓ Gender and soil management in Africa



H. Capacity building

Topics to be covered in the next webinars

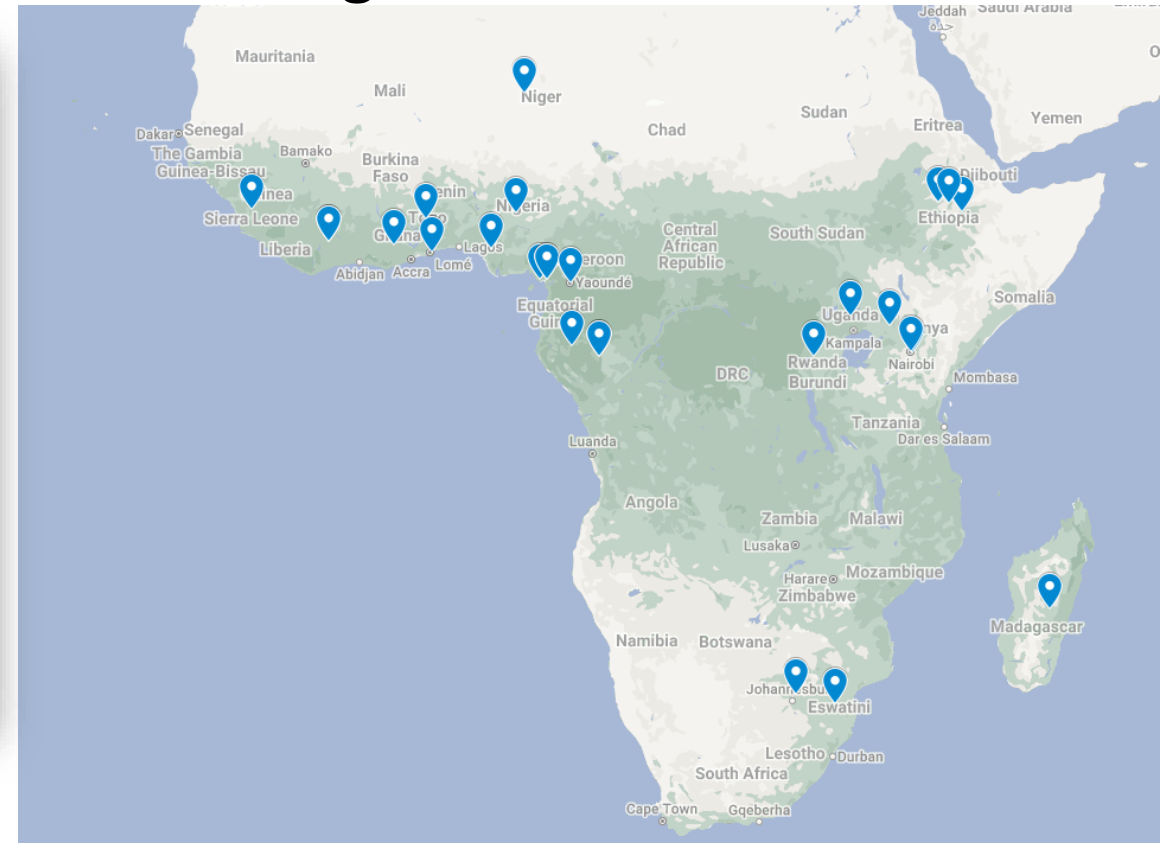
1. Sustainable soil management in the African agricultural production
2. Women and youth empowerment using kitchen gardening in urban and peri-urban areas
3. Role of youth in soil management in Africa
4. Gender inclusion in promoting sustainable soil management practices
5. Soil Initiative for Africa (SIA) and Africa Fertilizer and Soil Health (AFSH) action plans
6. Contribution of perennial agroforestry systems on soil health maintenance
7. How to work with farming communities to tackle soil management issues at landscape/watershed level

I. Awareness Raising and Advocacy on Soil Health

World Soil Day celebrations held in the whole region



WSD celebrations in Gabon





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THANK YOU

