Food and Agriculture Organization of the United Nations

SUSTAINABLE DEVELOPMENT GOALS

AFRICAN COMMISSION ON AGRICULTURAL STATISTICS

28TH SESSION

4–8 December 2023
Johannesburg (South Africa)

AFCAS 28

LEVERAGING DATA & STATISTICS FOR AGRIFOOD SYSTEMS TRANSFORMATION IN AFRICA

Implementation of 50x2030 agricultural surveys in Africa: main features and achievements

Presenter: Audrier SANOU - FAO

50x2030 DATA PRODUCTION MODEL

YEARS	1	2	3	4	5	6	7	8	9	10
CORE - Core Agriculture Module	■	■	■	■	■	■	■	■	■	■
ILP - Income, Labor and Productivity	●			●			●			●
PME - Production methods and Environment		●			●			●		
MEA - Machinery, Equipment and Assets			●			●			●	

FARMS COVERED:

AG HOUSEHOLDS AND NON – HOUSEHOLD HOLDINGS

An **annual core survey** on crop, livestock, aquaculture, fishery, and forestry production (**CORE**),
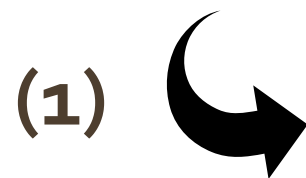and a **set of specialized tools** in rotation:

- Costs linked to agricultural production/ income; labor and productivity; gender decision-making (ILP)
- Production practices and environmental aspects of farming (PME)
- Machinery and equipment used for agricultural production (MEA)

50x2030 DATA PRODUCTION OUTPUTS :

FARMS COVERED:

AG HOUSEHOLDS AND NON – HOUSEHOLD HOLDINGS

YEARS	1	2	3	4	5	6	7	8	9	10
CORE - Core Agriculture Module	■	■	■	■	■	■	■	■	■	■
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PME - Production methods and Environment		●			●			●		
MEA - Machinery, Equipment and Assets			●			●			●	

(1) Collect priority indicators informing **national agricultural policies/programme** and monitor progress agricultural sector.

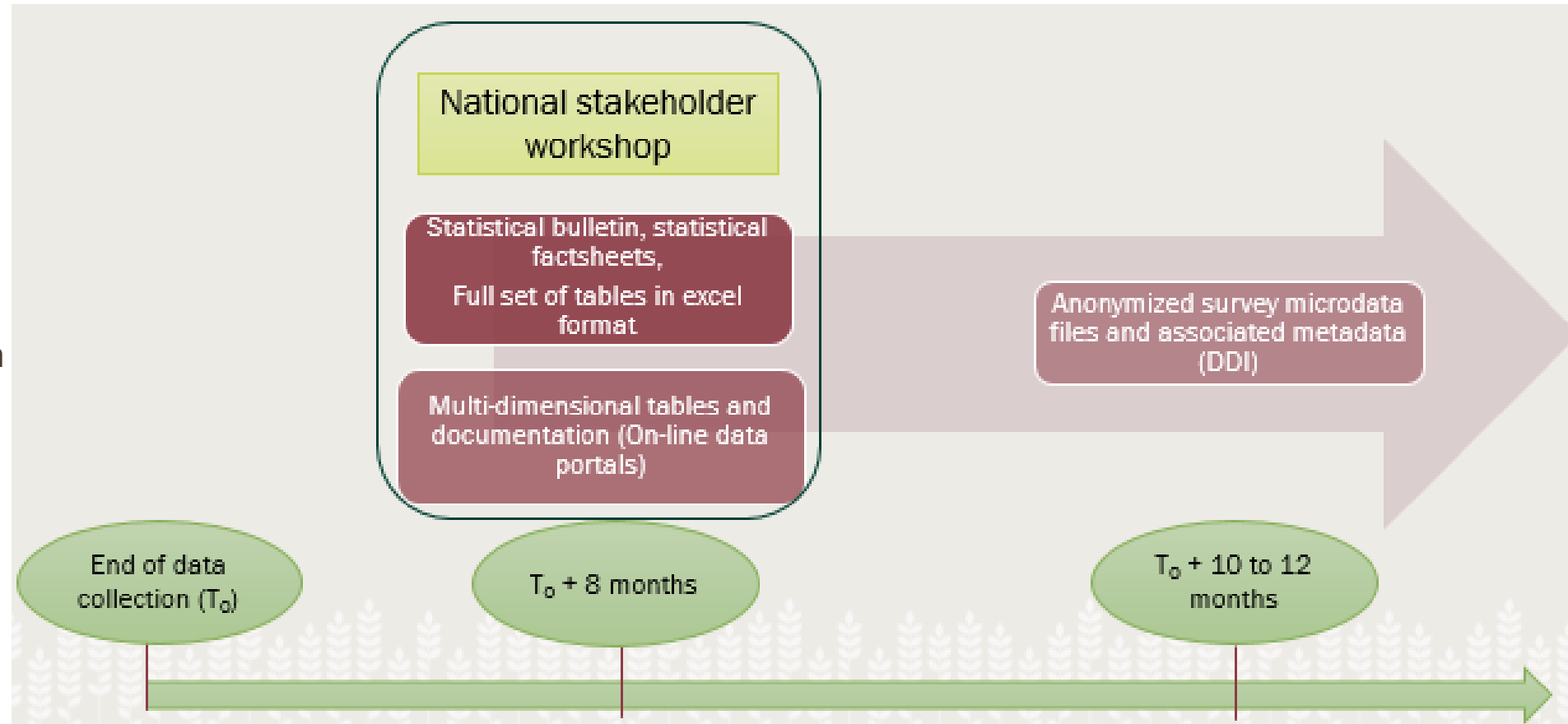Generate data for selected **CAADP** indicators, **SDG 2 and SDG 5**.

50x2030 DATA PRODUCTION OUTPUTS : (2)

Statistical bulletins and thematic fact sheets

Full set of **bi-dimensional excel tables**

Multi-dimensional interactive tables on open data portal

Anonymized microdata disseminated.

National stakeholder workshop

Statistical bulletin, statistical factsheets,
Full set of tables in excel format

Multi-dimensional tables and documentation (On-line data portals)

Anonymized survey microdata files and associated metadata (DDI)

End of data collection (T_0)

T_0 + 8 months

T_0 + 10 to 12 months

THE 50x2030 DATA PRODUCTION MODEL IS FLEXIBLE !

GAMBIA

	2023	2024	2025	2026	2027	2028
CORE - Core Agriculture Module (Productions)	Preparation	CORE	CORE	CORE	CORE	CORE
Sample agricultural census (AC) - Expanded NASS (household and non-household sectors)	■	AC				
Technical work to ensure harmonisation of the expanded NASS with 50x2030 tools (CORE module)	■	Harmonisation				
Update of master sampling frame			■			
ILP- Income, Labor and productivity			●			●
PME- Production Methods and Environment				●		
MEA -Machinery, Equipment and Assets					●	
Inclusion of specific thematic modules			WEN		LOSSES	

VALUE ADDED OF THE 50x2030 APPROACH

- **Improved coverage and scope**: targets all agricultural production units in the country (agricultural household and corporate producers), covers crop and livestock; could cover fisheries when relevant

- **Improved comparability and coherence** by using international concepts and definitions

- **Improved data quality** in terms of relevance, accuracy, timeliness, accessibility

- Provides accurate figures on production of **agricultural commodities as basis for food systems**

- Covers **different economic, technical and environmental aspects** linked to the agricultural production

WHERE THE INITIATIVE IS WORKING AT THE MOMENT

31 countries 2023-2024

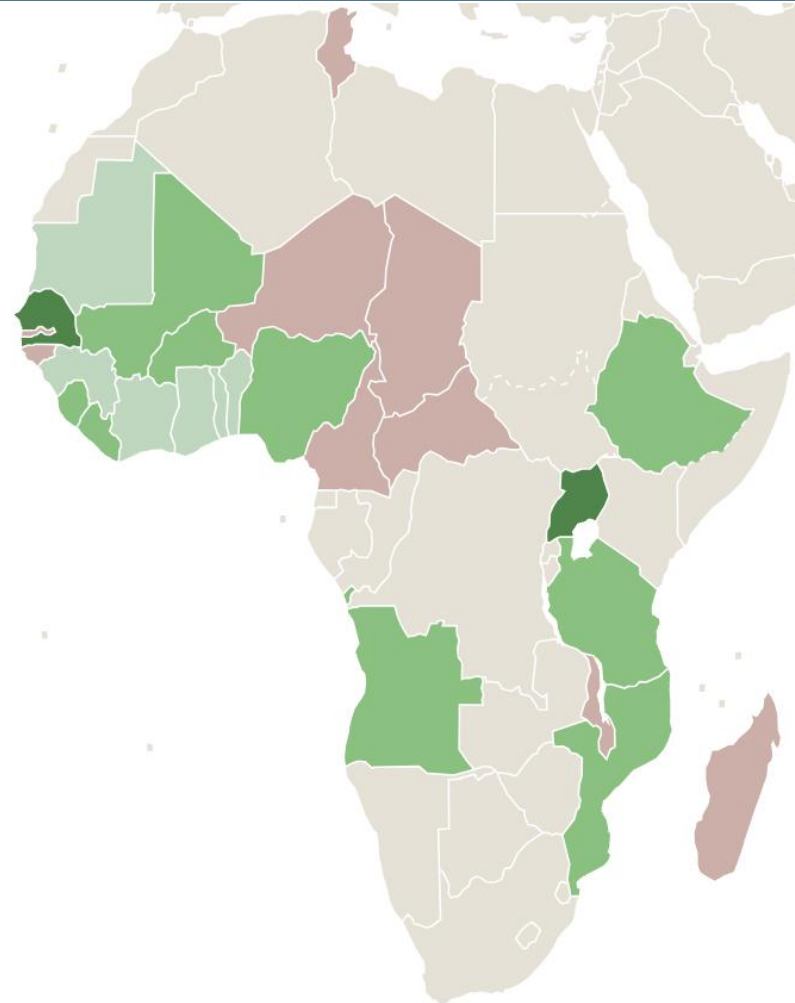
Operational

In discussion

Author's own elaboration. FAO, 2024

The boundaries and names shown and the designations used on these map(s) do not imply the expression of any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement. Final boundary between Sudan and South Sudan has not yet been determined. Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not yet been agreed upon by the parties.

27 countries in Africa

On-going discussions

1st data collection in preparation

1 on-going or completed cycle

At least 3 cycles completed

Author's own elaboration. FAO, 2024

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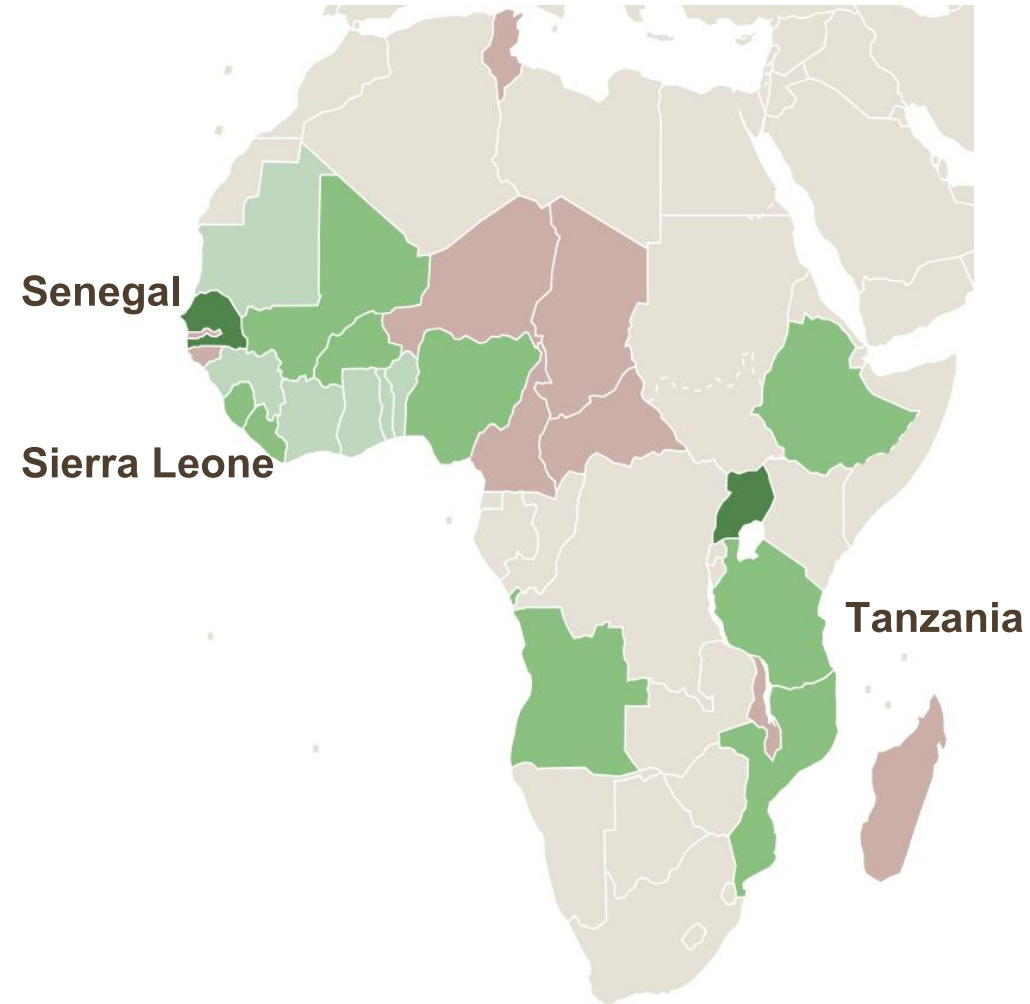
First lessons learned from 3 years of implementation

- **Long-term support** useful for establishing a permanent system of agricultural statistical surveys.

- **Integration** with existing national systems of surveys and census operations is key.

- **Modular approach** of 50x2030 tools allow the integration of specific modules with country relevance.

- Implementation is facilitated when **initial strengthening of capacities** took place (example of GSARS).

- Important efforts needed on specific operations such as **data cleaning and data dissemination** for guaranteeing a high level of quality for data and open access to users.

- **High level of governance** at country level is crucial for being able to match the deadlines (ag surveys are seasonal…) and make resources available at the right time for data collection.

3 next presentations focusing on :

Senegal

Sierra Leone

Tanzania

Thank you for your attention!

For more information, please visit: https://50x2030.org

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