



Food and Agriculture  
Organization of the  
United Nations

# AFRICAN COMMISSION ON AGRICULTURAL STATISTICS

## Twenty-Seventh Session

15 – 18 November 2021, Virtual Host – Dakar, Senegal

### AGENDA ITEM 3

#### GLOBAL STRATEGY TO IMPROVE AGRICULTURE AND RURAL STATISTICS

**SECOND Phase, 2021-2023**

With the support of:

BILL & MELINDA  
GATES foundation



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# PLAN

- **Introduction, context, objectives**
  
- **Proposed components**
  - **Strategic Planning (SPARS)**
  - **Training**
  - **Survey methods**
  - **Data analysis, dissemination**
  
- **Preparation process**
  - **Country assesment questionnaire**
  - **Consolidated programme**

# CONTEXT, MAIN OBJECTIVES

- **A long-term coordinated initiative** to address the decline in the agricultural statistical systems of many developing countries and **enable the production of more and better agricultural statistics**
- Adopted by the **UN Statistical Commission** in 2010 for a **15-year implementation period**
- **First phase** implementation 2012-2018

# PHASE I 2012-2018

- The implementation of **Phase I of the Global Strategy (2012-2018)** has had a **significant positive impact** on the agricultural statistical systems of many developing countries:
  - **50 methodologies, guidelines and corresponding training material** have been produced, and endorsed and disseminated by FAO as official international statistical methods;
  - **Strategic Plans for Agricultural Statistics (SPARS)** have been prepared in almost **40 countries**;
  - **A fast-track model for technical assistance based on South-South cooperation** was successfully implemented;
  - **The postgraduate scholarships programme** has been a success, contributing to enhance countries' overall statistical capacity.

# PHASE II (2021-2023):

## OBJECTIVES

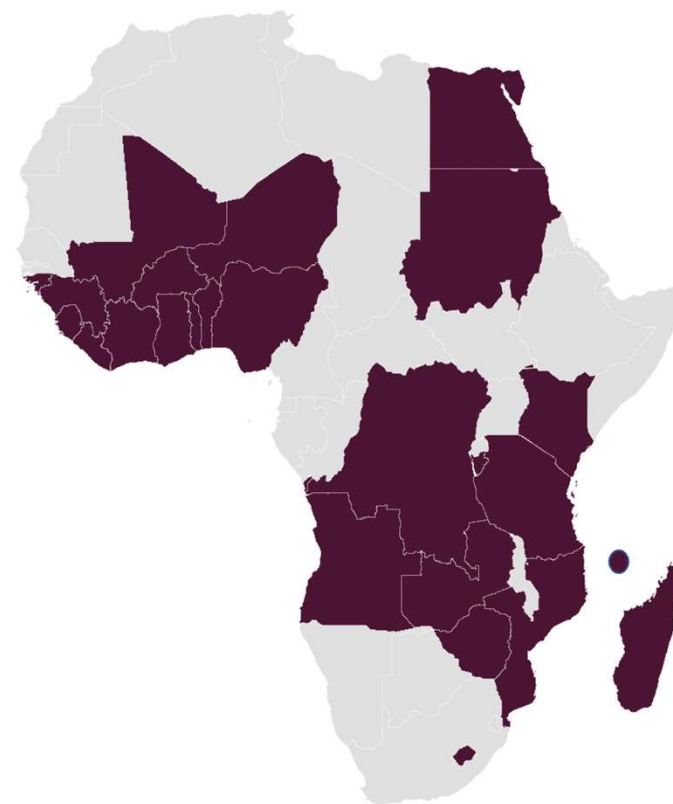
- **Strengthening statistical capacities with a view of 50x2030 implementation**
- **Funding technical assistance, hands-on training, formal training**
- **Includes some pilot data collection exercises in the field**
- **Not funding data collection**

COMPONENTS	PACKAGES	IMPLEMENTATION
<b>SPARS</b>	Strategic Planning	FAO
<b>Training</b>	Human Resources Policies	P2I
	Leadership, Communication	P2I
	Scholarships	UNECA
	Basic training in agricultural statistics	FAO, UNECA
<b>Surveys</b>	Agricultural production	FAO
	Farms Economy	FAO
	Losses on farm	FAO
	Master sampling frame	FAO
<b>Data analysis and dissemination</b>	Statistical tools and software	FAO
	CAPI data collection	FAO
	Dissemination	FAO
	Indicators and farm typology	FAO
	Food Balance Sheets	FAO

## COMPONENTS OF THE SECOND PHASE

## TARGET COUNTRIES AND REGIONS

- **25 African countries**
- **Countries eligible to 50x2030 initiative**
- **A maximum of 5-6 packages per country.**
- **All countries will benefit from the SCHOLARSHIPS and CAPI packages**
- **Three economic communities covered - ECOWAS, COMESA and SADC**



Source: FAO, 2021

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# COMPONENT I

SPARS

FAO

## STRATEGIC PLANS FOR AGRICULTURAL AND RURAL STATISTICS

### Objectives:

- **Support in designing or updating country SPARS**
- **Support on budgeting** statistical activities and **mobilizing resources** through a well-designed advocacy strategy

# COMPONENT 2

## TRAINING

PARIS21, UNECA, FAO

### I. HUMAN RESOURCES POLICIES (PARIS21)

- Support managers from national statistical services in evaluating human resources, capacity development needs and in establishing adequate HR policies.

### II. LEADERSHIP AND COMMUNICATION (PARIS21)

- Strengthen leadership and communication skills in national agricultural statistical agencies

### III. SCHOLARSHIPS (UNECA)

- Provide access to students across Africa to relevant and up-to-date graduate programs on agricultural statistics, through a new scholarships program

### IV. BASIC TRAINING IN AGRICULTURAL STATISTICS (UNECA, FAO)

- Provide basic theoretical training in agricultural statistics to officers with no or limited background in agriculture statistics.

# COMPONENT 3

## SURVEYS

FAO

### I. AGRICULTURAL PRODUCTION SURVEYS

- Produce timely and reliable statistics on the country's **agricultural production**.

### II. FARMS ECONOMY SURVEYS

- Collecting data on and measuring **key economic aggregates**, such as incomes, cost of production and agricultural productivity

### III. LOSSES ON FARMS SURVEYS

- Collecting, measuring and analysing data on **agricultural losses**.

### IV. MASTER SAMPLING FRAMES

- **Developing and using master sampling frames (MSF)** for quality and integrated agricultural statistics
- Development and implementation of **adapted sampling designs** for integrated agricultural surveys

# COMPONENT 4

## DATA ANALYSIS, DISSEMINATION (I)

FAO

### I. STATISTICAL TOOLS AND SOFTWARE

- Developing sufficient **skills on statistical software** (SPSS, STATA, or R) to:
  - clean and impute microdata;
  - estimate indicators from survey microdata.

### II. CAPI DATA COLLECTION

- Train and support countries in developing, implementing and maintaining **CAPI-based surveys**

### III. DISSEMINATION

- Develop awareness on the **importance of statistical dissemination policies**;
- **Build the skills required for data dissemination** and preservation programs.

# COMPONENT 4

## DATA ANALYSIS, DISSEMINATION (2)

FAO

### IV. INDICATORS

- Support countries in computing timely and reliable **national, SDG's and CAADP indicators**;

### V. FARMS TYPOLOGY

- Support countries in developing **farm typologies** for improved policy analysis

### VI. FOOD BALANCE SHEETS

- Support countries in compiling **food balance sheets (FBS)** using the recommended methodology;
- **Producing related food security indicators**

# GSARS II PREPARATION PROCESS

Assesment questionnaire sent to countries ✓

Analysis of countries' needs ✓

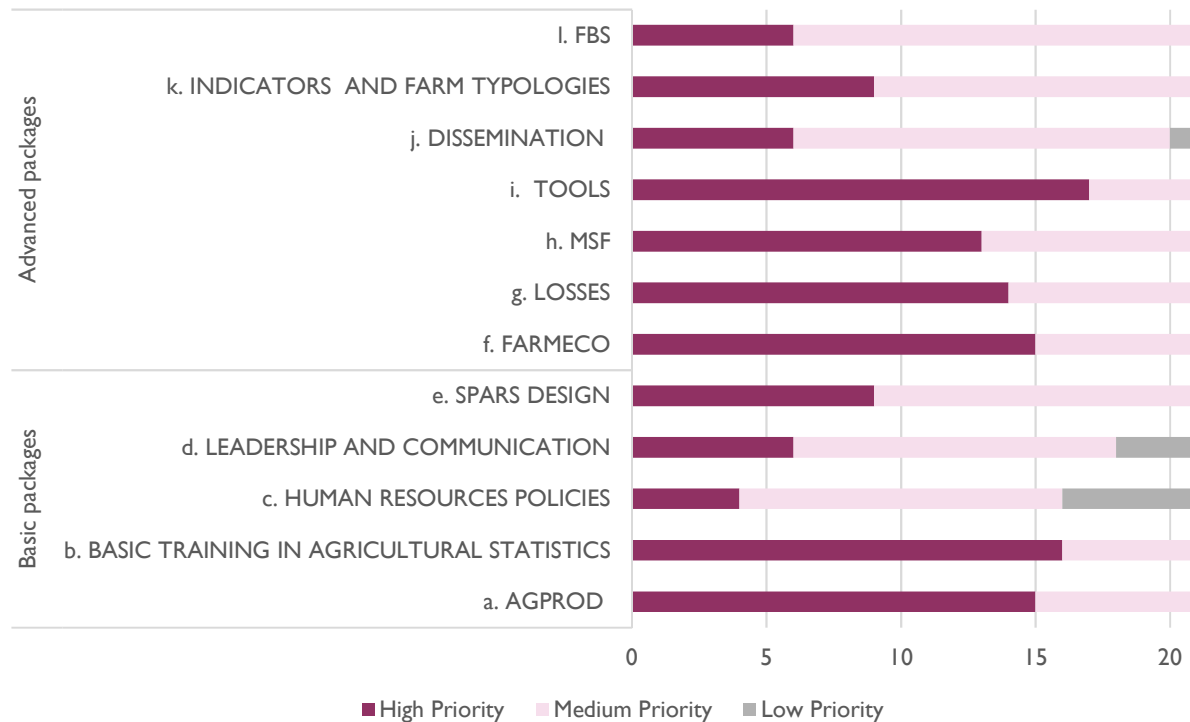
Compilation of the draft programme for the 25 countries ✓

Implementation schedule discussed with countries

**Submission of the Global Plan** to the Global Steering Committee and to the donors

**First activities to start by the end of 2021**

## Number of countries per priority packages



# ANALYSIS OF COUNTRIES' NEEDS

# COUNTRY WORKPLAN EXAMPLE

Country	Package	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-22	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	
Mozambique	INDICATORS																								
	FARMECO																								
	DISSEMINATION																								
	SCHOLARSHIPS																								
	BASIC TRAINING																								
	CAPI																								

Package	Activity	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
INDICATORS	Desk work and consultations with national counterparts										
	Gap Analysis										
	Elaboration of a workplan										
	Training: methodological presentation of the Indicators										
	Training: hands on trainings with country data (or proxies)										
	Restitution workshop, incl recommendations for improvements										
DISSEMINATION	Data dissemination and preservation policy										
	Release of statistical tables and main agricultural indicators										
	Set up of a microdata dissemination program										



THANK YOU FOR YOUR  
ATTENTION !