DATA-SMART AGRICULTURE

THE 50x2030 INITIATIVE

14th Meeting of the HLG-PCCB for Statistics for the 2030 Agenda for Sustainable Development

ULAANBAATAR
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WHY? To close data gaps and promote evidence-informed decision making in agriculture

INVESTMENTS
Nearly $239 billion are invested annually in agriculture in L/LMICs, often without the benefit of recent, comparable, or accurate agricultural statistics.

DATA GAPS
Most L/LMICs cannot cover basic agricultural data needs, and the majority have not conducted an agricultural survey in the last five years.

DEVELOPMENT MONITORING
Most countries cannot produce data to monitor the SDGs or indicators to monitor regional agendas such as CAADP.

Closing data gaps is a precondition for the evidence-informed decision making and optimal investment that will achieve SDG2 – Zero Hunger.
WHAT? An initiative for Data-Smart Agriculture that aims to:

Increase and sustain evidence-based decision making in agriculture in 50 L/LMIC by 2030

- Producing and disseminating more, better, and timely agricultural and rural statistics
- By promoting sustainable agricultural statistical systems in partner countries
- By ensuring that data are used in more and better ways
WHAT? **A partnership** for Data-Smart Agriculture that combines:

The technical and operational capabilities of key **multilateral implementers:**
- FAO
- World Bank
- IFAD

The strategic influence, vision, and resources of **development agencies:**
- USAID
- Bill and Melinda Gates Foundation
- Germany’s BMZ
- Italy’s AICS
- Australia’s DFAT

The hard work and commitment of **partner countries:**
- 50 committed L/LMICS
HOW? By providing flexible tools for varying country needs

It offers two models:

- An Agricultural Survey Program
- An Integrated Agricultural and Rural Survey Program

50x2030 builds upon:

- FAO’s Agricultural Integrated Survey (AGRISurvey) program and the World Bank’s Living Standards Measurement Study-Integrated Surveys on Agriculture (LSMS-ISA)

At the country level, the 50x2030 survey programs are developed around country needs, capacity, and the country’s potential for technical and financial take-over.
## Agricultural Survey Program

### FIGURE 1. An example of an Agricultural Survey Program

<table>
<thead>
<tr>
<th>CORE MODULE</th>
<th>Years</th>
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<th>2</th>
<th>3</th>
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<tbody>
<tr>
<td>Agricultural Holding Roster</td>
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<td>Crop Production</td>
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<td>Livestock Production</td>
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<th>ROTATING MODULES</th>
<th>Years</th>
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<td>Agricultural Economy</td>
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<td>Agricultural Labor</td>
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<td>Production Methods and the Environment</td>
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<td>Machinery, Equipment, and Assets</td>
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Survey represents:

- NON HOUSEHOLD FARMS
- FARM HOUSEHOLDS

- A continuous approach that joins an **annual** core module and **periodic** rotating modules on key agricultural topics.
- Provides fully representative data from both household and non-household (commercial) farms.
Integrated Agricultural and Rural Survey Program

- Combines the farm-based annual agricultural survey program with a periodic household-based rural socioeconomic survey program
- Provides more in-depth coverage of socioeconomics (income, employment, nutrition and food security, etc.)
Governance and Implementation Structure

**DIRECTION**

**PARTNERSHIP COUNCIL**

to provide direction and strategic guidance

Multi-partner

**COORDINATION**

**A PROGRAM MANAGEMENT TEAM**

to coordinate implementation

**World Bank: Rome and Washington, DC**

**IMPLEMENTATION**

**DATA PRODUCTION COMPONENT**

FAO

**DATA USE COMPONENT**

IFAD

**METHODS & TOOLS DEVELOPMENT COMPONENT**

World Bank
<table>
<thead>
<tr>
<th><strong>DATA PRODUCTION</strong></th>
<th><strong>DATA USE</strong></th>
<th><strong>METHODS &amp; TOOLS</strong></th>
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<tbody>
<tr>
<td>Survey Program Design</td>
<td>Assesses national data ecosystems and develops strategic plans to address most critical gaps</td>
<td>Tests new and better methods for agricultural and rural surveys:</td>
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<tr>
<td>• Questionnaires and manuals</td>
<td><strong>Training</strong> to better analyse, interpret, and present relevant agricultural data for decision making</td>
<td>• <strong>Integration of survey approaches:</strong> Sampling, thematic coverage</td>
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<td>• Cognitive and pilot tests</td>
<td><strong>Advocacy and training</strong> to decision makers on the value of evidence-informed decision making</td>
<td>• <strong>Integration of technology, updating of methodologies:</strong> CAPI, key themes</td>
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<td>• Sampling design</td>
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<td>• <strong>Integration with other data sources:</strong> Satellite imagery, administrative data</td>
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<td>• Training of field staff</td>
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<td>Develops and promotes new cost-effective, high-quality tools for national survey programs</td>
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<td>• Advanced data-collection technologies</td>
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<td><strong>Data collection and processing</strong></td>
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<td><strong>Data Dissemination:</strong> tabulation plans and support on data anonymization, curation, documentation</td>
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The total estimated cost of the Initiative is $500 - $700 million, to be shared by partner countries, donors, multilaterals, and the private sector.

Breakdown of Funding Shares

The principle is that countries contribute with the funding for data collection from the start and progressively take over.
The Funding Mechanism

Multidonor trust fund
(Coordination, Technical Assistance)

+

IDA funds
(Data Collection)

= Smart AG Data
What is IDA?

- **IDA**
  - World Bank’s fund for the 75 world’s poorest countries
  - Replenished by stakeholders and donors every 3 years
    - IDA18 replenishment was record-breaking $75 billion (to be disbursed over FY18-20)
  - Country-led allocation of unearmarked funds, but Bank priorities can guide allocation

- **Regional IDA**
  - Financing window under IDA for regional level programs
  - Programs must involve or impact at least 3 countries (only 2 if fragile/conflict state)
  - Regional IDA growing year over year; currently expected @ $7b for IDA18
  - Tops-up national IDA financing; provides $3 in spending for every $1 of partner contributions
Leveraging *Operational* Funding

1. Poverty & Equity GP Programs (IDA and Regional IDA)

   - ‘Data for Policy’ Package
   - Agriculture
   - Ag Surveys

2. Agriculture Programs (IDA, IBRD and Regional IDA)

   - Agriculture
   - Data
   - Ag Surveys
Initiative launched at UNGA, **Sept 2018**

**Partnership Council** established

**Governance** and Operations Framework developed

**Multi-donor trust fund** and other bilateral grants established

Over **$75 million in funding** commitments from donors and multilateral organizations, plus the commitment of World Bank to facilitate or promote the use of IDA/IBRD loans for country programs (approx. **$300M**).
Timeline and Next Steps

Start date: **JULY 2019**

12 existing countries transitioned into Initiative

New countries onboarded in 2019, based on:

- Country commitment
- Potential for impact
- Financial contribution from national resources
- Income classification
- Regional affiliation
Thank you!