



50x2030

DATA-SMART AGRICULTURE

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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

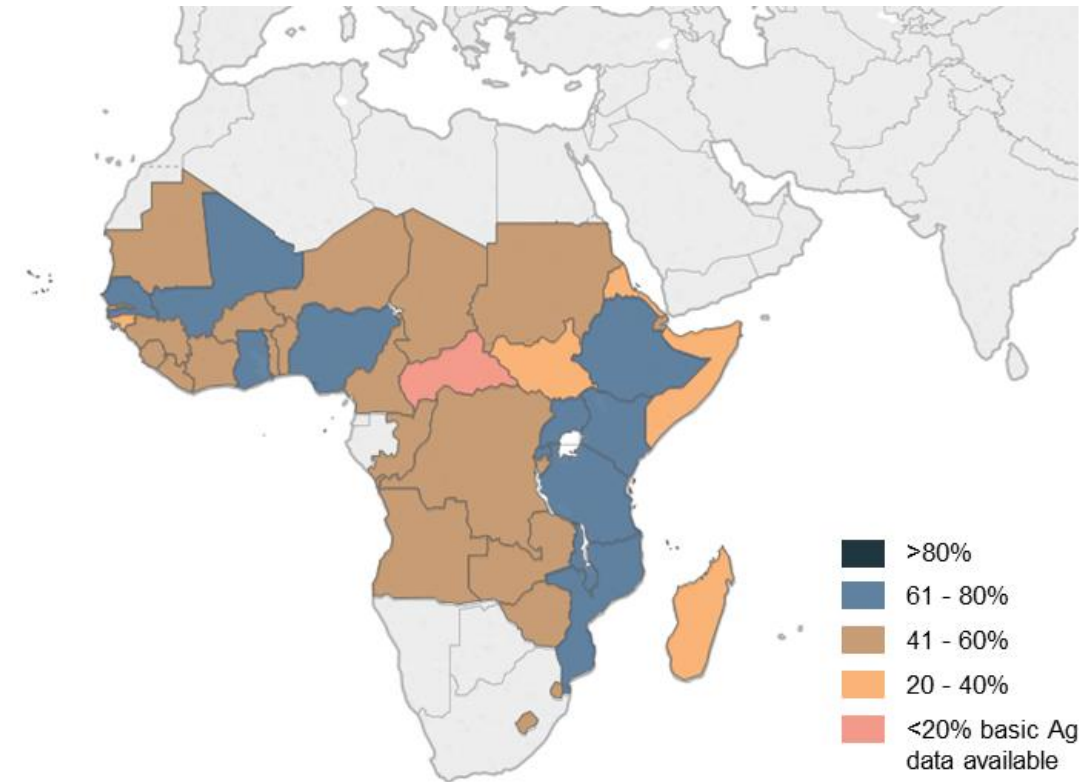
Nearly \$239 billion are invested annually in agriculture in L/LMICs, often without the benefit of recent, comparable, or accurate agricultural statistics

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, and IFAD

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

		Years	1	2	3	4	5	6	7	8	9	10
CORE MODULE	Agricultural Holding Roster		■	■	■	■	■	■	■	■	■	■
	Crop Production		■	■	■	■	■	■	■	■	■	■
	Livestock Production		■	■	■	■	■	■	■	■	■	■
ROTATING MODULES	Agricultural Economy		■		■		■		■		■	
	Agricultural Labor			■				■				
	Production Methods and the Environment				■					■		
	Machinery, Equipment, and Assets		■				■					

Survey represents:



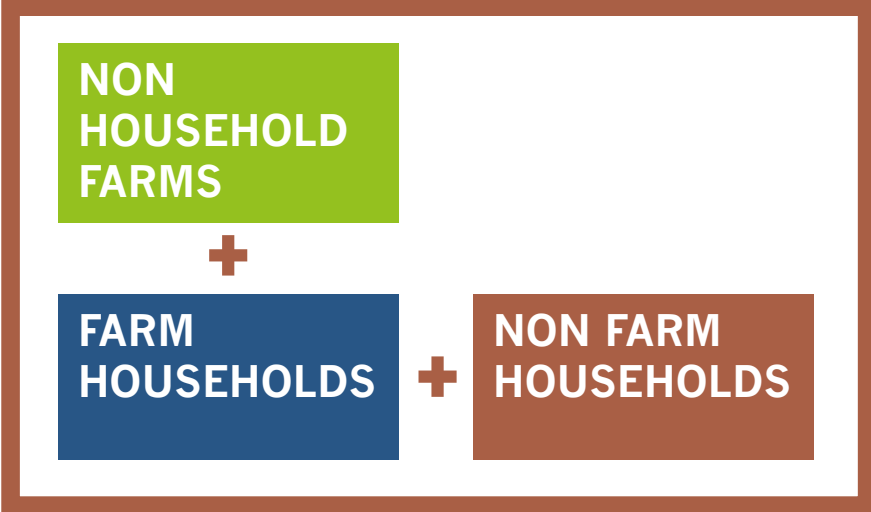
- A continuous approach that joins an **annual** core module and **periodic** rotating modules on key agricultural topics
- Provides fully representative data from both household and non-household (commercial) farms

Integrated Agricultural and Rural Survey Program

FIGURE 2. An example of an Integrated Agricultural and Rural Survey program

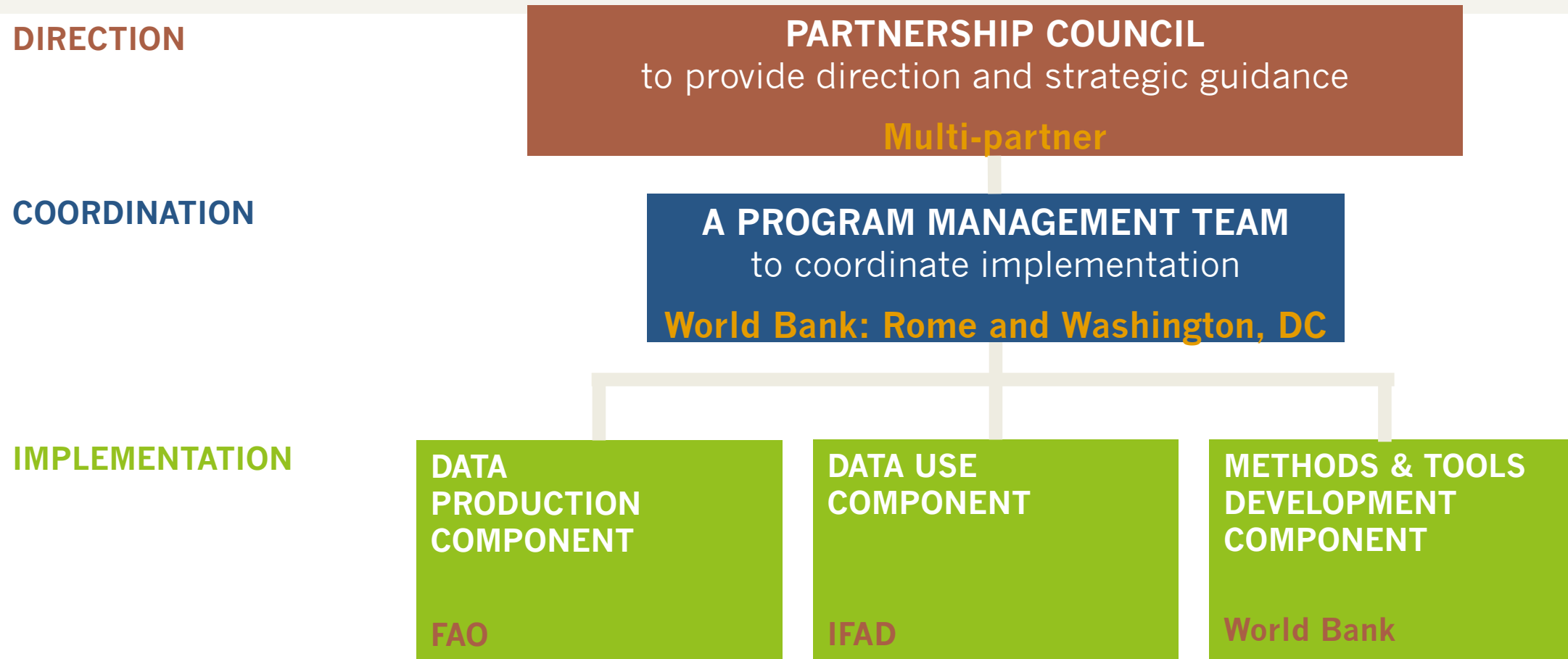
		Years	1	2	3	4	5	6	7	8	9	10
AGRICULTURAL MODULE	Agricultural Holding Roster											
	Crop Production											
	Livestock Production											
RURAL SOCIO-ECONOMIC MODULE ROTATING MODULES	Socioeconomic (Income, Labor, etc.) for Agricultural Households											
	Socioeconomic (Income, Labor, etc.) for Non-Agricultural Households											

Survey represents:



- 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



What does 50x2030 offer?

DATA PRODUCTION

Survey Program Design

- Questionnaires and manuals
- Cognitive and pilot tests
- Sampling design
- Training of field staff
- Advanced data-collection technologies

Data collection and processing

Data Dissemination: tabulation plans and support on data anonymization, curation, documentation

DATA USE

Assesses national data ecosystems and develops strategic plans to address most critical gaps

Training to better analyse, interpret, and present relevant agricultural data for decision making

Advocacy and training to decision makers on the value of evidence-informed decision making

METHODS & TOOLS

Tests new and better methods for agricultural and rural surveys:

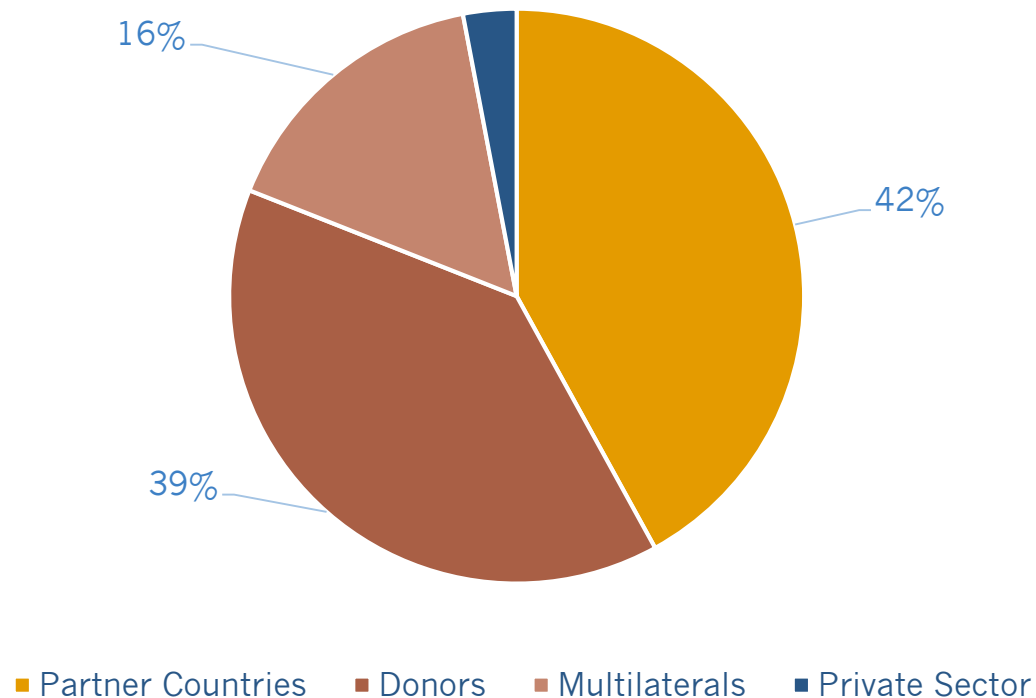
- **Integration of survey approaches:** Sampling, thematic coverage
- **Integration of technology, updating of methodologies:** CAPI, key themes
- **Integration with other data sources:** Satellite imagery, administrative data

Develops and promotes new cost-effective, high-quality tools for national survey programs

50x2030 Financing

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)



Smart AG
Data

IDA funds
(Data Collection)

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**

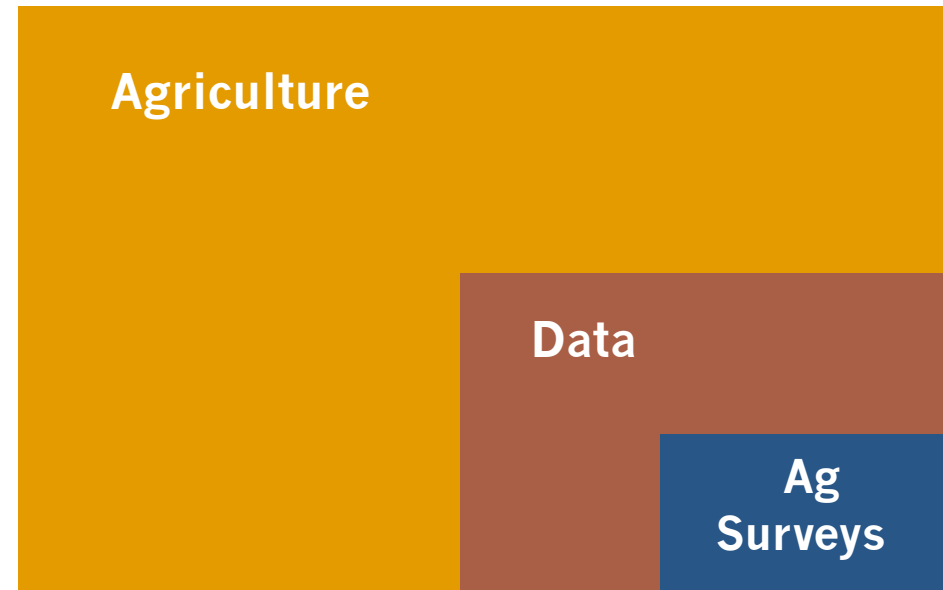
- Financing window under IDA for regional level programs
- Programs must involve or impact at least 3 countries (only 2 if fragile/conflict state)
- Regional IDA growing year over year; currently expected @ \$7b for IDA18
- Tops-up national IDA financing; provides \$3 in spending for every \$1 of partner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

Leveraging *Operational* Funding

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



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



50x2030: Progress to Date



THE **50x2030** INITIATIVE BRINGS TOGETHER THE STRONGEST PARTNERS IN AGRICULTURAL DEVELOPMENT TO SOLVE THE PROBLEM OF THE AGRICULTURAL DATA GAP.

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

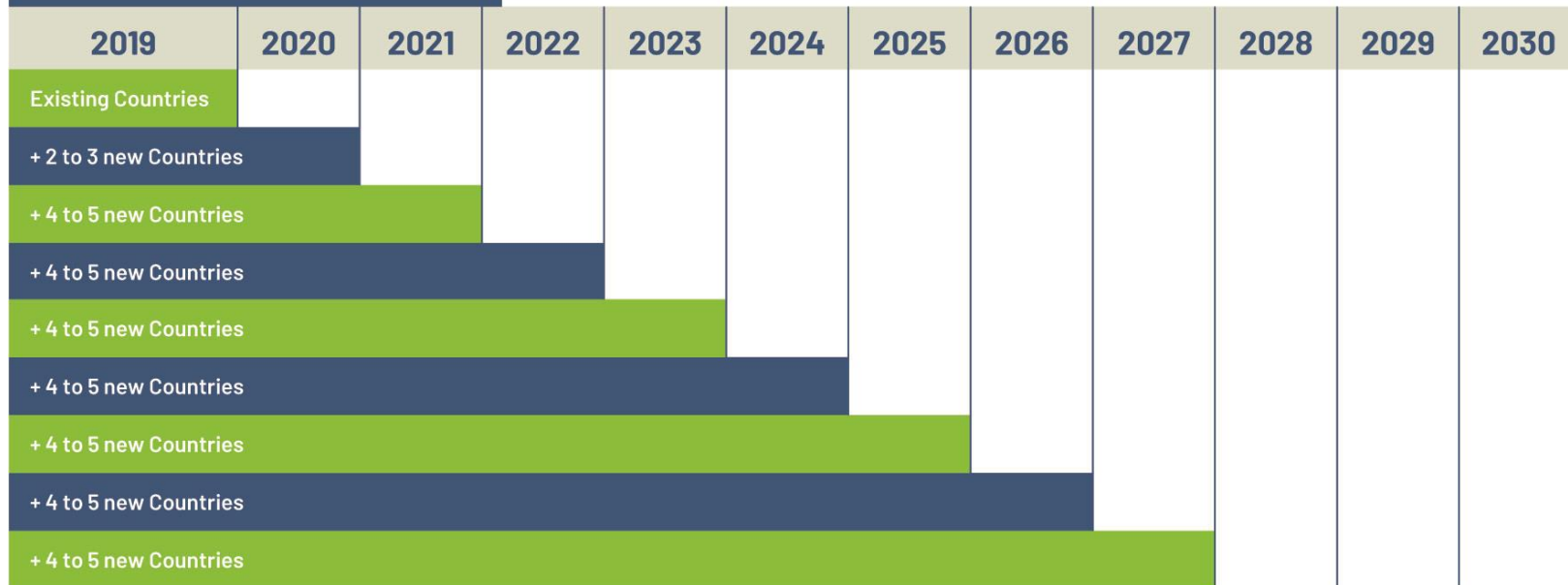
Start date: **JULY 2019**

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

FIGURE 3. Illustrative Country Roll-out



Thank you!

