50x2030
DATA-SMART AGRICULTURE

THE 50x2030 INITIATIVE TO CLOSE THE AGRICULTURAL DATA GAP

LEARNING FROM PARTNER COUNTRY IMPLEMENTATION TO DATE

52ND SESSION
UN STATISTICAL COMMISSION

HAISHAN FU, CHAIR

FEBRUARY 25, 2021

AGENDA

1. Speaker Introductions
2. Overview & State of the Initiative
3. 50x2030 Learning Area 1: Coordination
4. 50x2030 Learning Area 2: Data Generation
5. Q&A

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DATA-SMART AGRICULTURE

SPEAKER INTRODUCTIONS

SPEAKERS

- **El Iza Mohamedou** Program Manager, 50x2030 Initiative
- **Aberash Tariku** Deputy Director, Central Statistical Agency of Ethiopia
- **Patrick Okello** Director, Agriculture and Environment Statistics, Uganda Bureau of Statistics
- **Christophe Duhamel** 50x2030 Data Production Manager, Food and Agriculture Organization of the United Nations
- **Emily Hogue** 50x2030 Data Use Manager, International Fund for Agricultural Development
- **Alberto Zezza** 50x2030 Methods & Tools Development Manager, World Bank

OVERVIEW & STATE OF THE INITIATIVE

OVERVIEW
THE 50x2030 INITIATIVE

DEVELOPMENT OBJECTIVE

- Contributing to increased food security, improved nutrition, less hunger and sustainable agriculture in support of SDG2

PROGRAM OBJECTIVES

- Increased and sustained evidence-based decision-making in support of national, regional, and global development frameworks
- Partner countries produce and disseminate more, high-quality, timelier and more disaggregated ag and rural survey data

PROGRAM FEATURES

- Strengthen national ag data systems in 50 L/LMICs by 2030 to bridge data gaps
- Three components: Data Production, Data Use, Methods & Tools Development
- Implement cost-effective integrated ag and rural survey program

OVERVIEW
50x2030 VALUE ADDED

- Production of SDG2-related indicators and other regional agreements (e.g., CAADP)
- Improve gender-disaggregated data at country level
- Applied research in alternative data sources
- Cost effectiveness and efficiency in data production and use

STATE OF THE INITIATIVE:
PROGRESS AND LEARNING

Country engagement process

Country Coordination Group

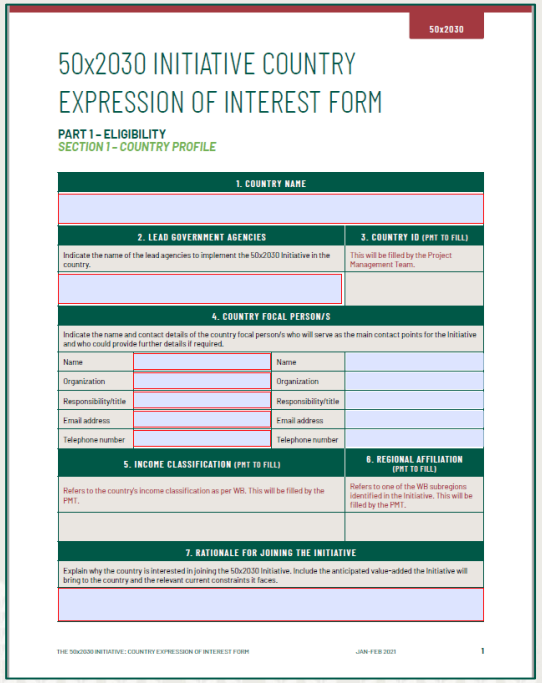
Country expression of interest window

Partnership/Program implementation plan

Data generation

COVID-19 adaptation

Learning areas: Coordination and data generation



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50x2030 INITIATIVE COUNTRY EXPRESSION OF INTEREST FORM

PART 1 – ELIGIBILITY

SECTION 1 – COUNTRY PROFILE

1. COUNTRY NAME	
2. LEAD GOVERNMENT AGENCIES	3. COUNTRY ID (PMT TO FILL)
Indicate the name of the lead agencies to implement the 50x2030 Initiative in the country.	This will be filled by the Project Management Team.
4. COUNTRY FOCAL PERSON/S	
Indicate the name and contact details of the country focal person/s who will serve as the main contact points for the Initiative and who could provide further details if required.	
Name	Name
Organization	Organization
Responsibility/title	Responsibility/title
E-mail address	E-mail address
Telephone number	Telephone number
5. INCOME CLASSIFICATION (PMT TO FILL)	6. REGIONAL AFFILIATION (PMT TO FILL)
Refers to the country's income classification as per WB. This will be filled by the PMT.	Refers to one of the WB subregions identified in the Initiative. This will be filled by the PMT.
7. RATIONALE FOR JOINING THE INITIATIVE	
Explain why the country is interested in joining the 50x2030 Initiative. Include the anticipated value-added the Initiative will bring to the country and the relevant current constraints it faces.	

THE 50x2030 INITIATIVE: COUNTRY EXPRESSION OF INTEREST FORM JAN-FEB 2021 1

PROGRAM IMPLEMENTATION PLAN TEMPLATE

(50x2030 AND COUNTRY LOGOS)

50X2030 INITIATIVE: DATA SMART AGRICULTURE	
(COUNTRY NAME)	
PROGRAM IMPLEMENTATION PLAN	
COUNTRY ID	To be filled by PMT
50x2030 INITIATIVE DEVELOPMENT OBJECTIVE	Increased food security, improved nutrition, less hunger, sustainable agriculture in support of Sustainable Development Goal (SDG) 2.
COUNTRY PROGRAM OBJECTIVE	Increased and sustained evidence-based decision-making in agriculture in support of national and regional policy objectives.
EXPECTED OUTPUTS	1. Integrated agricultural and rural surveys using new methods 2. Indicators on SDG 2, CAADP, gender, and sex-disaggregated data 3. Data ecosystems mapping and data use capacity building interventions 4. Survey data sets disseminated and publicly used 5. Alternative data source(s) integrated in surveys 6. Research activities
LEAD COUNTRY IMPLEMENTING AGENCY(IES)	Indicate name(s) of lead implementing agency(ies) in the country in-charge of the 50x2030 Initiative (e.g., NSO, MoA, others specify).
NAME AND CONTACT DETAILS OF COUNTRY FOCAL PERSON(S)	Provide name(s) and contact details (email, tel. no.) of focal person in charge of the program

THE 50x2030 INITIATIVE TO CLOSE THE AGRICULTURAL DATA GAP COUNTRY ENGAGEMENT PROTOCOL 2020 ANNEX 51

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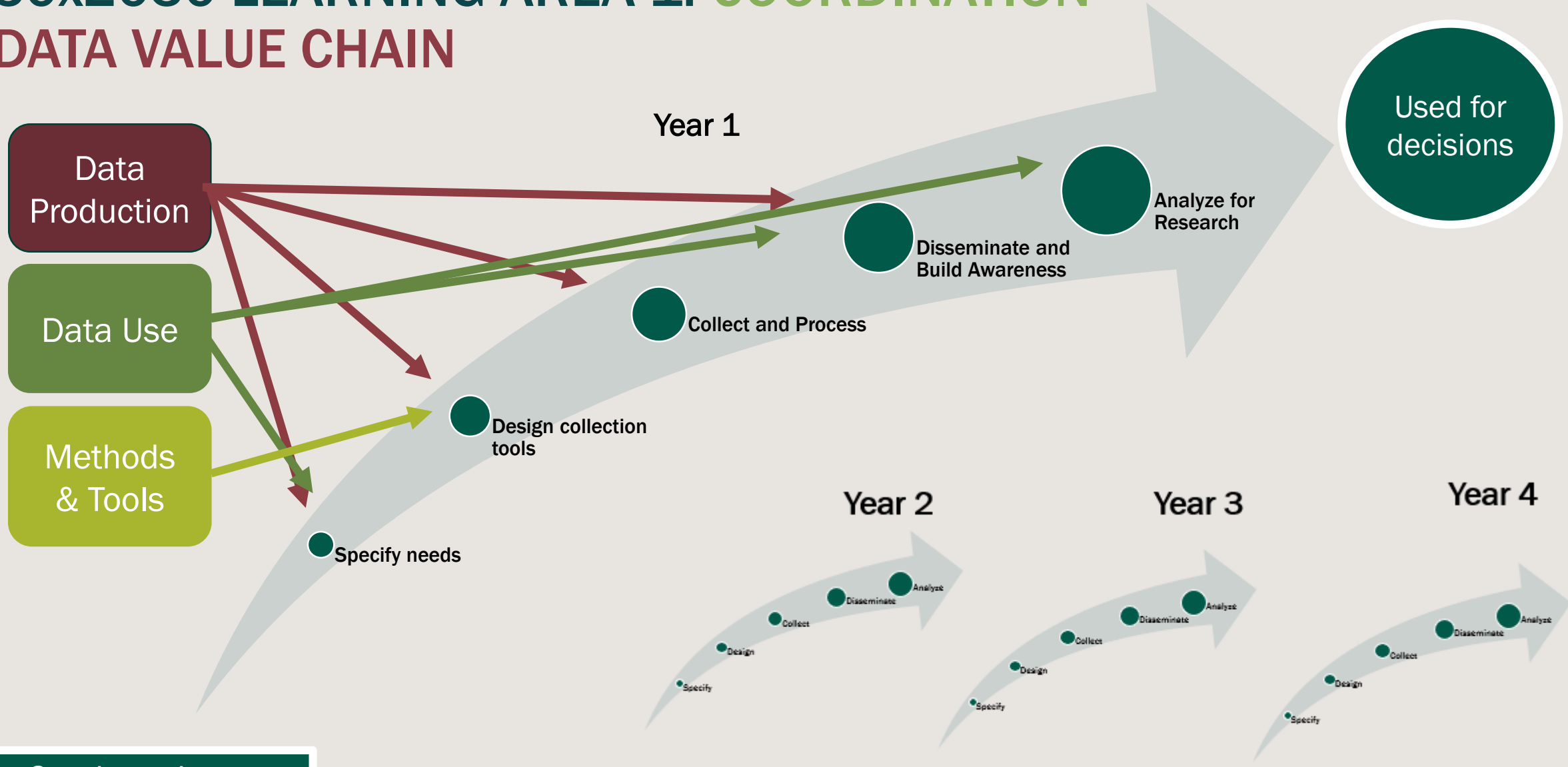
50x2030 LEARNING AREA 1:

COORDINATION

50x2030 LEARNING AREA 1: COORDINATION
DATA VALUE CHAIN



Starting point

50x2030 LEARNING AREA 1: COORDINATION
ETHIOPIA IN FOCUS

Ethiopia and 50x2030

- Agriculture contributes an average 40% to GDP
- Transition from World Bank's LSMS-ISA

50x2030 Partnership Plan & Country Coordination Group

- Utility of process: liaising with other actors in the NSS (ministries of Agriculture, Finance, Planning; research centers)
- Plan captures all support to agricultural statistics in one place
- Group gathers resident donor and three agencies
- Complexities and challenges

50x2030 LEARNING AREA 1: COORDINATION COLLABORATION FOR IMPROVED DATA QUALITY

- Lead the survey data innovation agenda through institutional, technical and operational collaboration and partnerships
- Integrated survey-satellite applications, in collaboration with Earth Observation partners
  - Current focus on measurement of maize yields (recently in Malawi and Ethiopia), as well as spatial anonymization of survey data
  - Key output: protocol for the minimum-required survey data to inform survey-satellite applications, based on rigorous methodological research
- Integrate objective measurements into survey operations
  - CGIAR, sensor and app developers, academia for varietal identification, soil health, weather and climate (in-situ spectrometry, DNA fingerprinting soil analysis …)

50x2030 LEARNING AREA 1: COORDINATION FROM INNOVATION TO IMPLEMENTATION

- 50x2030 reference questionnaires designed from LSMS-ISA & AGRIS tools
- Informed in parallel by integration experience led by UBOS in Uganda, CSA in Ethiopia
- Going forward → data production to reflect learning from methods research and R&D priorities to be informed by stakeholder dialogue
- Example: Women's Empowerment Metric for National Statistical Systems (WEMNS)
    - Design, piloting, cognitive interviewing, validation of WEMNS tool → led by IFPRI for 50x2030 scale-up

SURVEY INSTRUMENTS

	Version
1. CORE-AG: all versions of the annual CORE questionnaire	V 2.0
2. ILP-AG: all versions of the Farm Income, Labor and Productivity questionnaire, within which the CORE questionnaires are included	V 2.0
3. ILS-HH: Non-Farm Income and Living Standards Household questionnaire	V 2.0
4. MEA-AG: all versions of the Machinery, Equipment, and Assets questionnaire, within which the CORE questionnaires are included	V 2.0
5. PME-AG: all versions of the Production Methods and Environment questionnaire, within which the CORE questionnaires are included	V 1.0
6. Optional Extensions: potential expansions for countries that wish to or are able to collect more disaggregated or objectively measured data.	V 1.0

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LEARNING AREA 2:

DATA GENERATION

50x2030 LEARNING AREA 2: DATA GENERATION
INTEGRATED SURVEY PROGRAM

- Survey program built on existing AGRIS and LSMS-ISA tools
- Farm-based survey including HH socio-economic survey in rural areas
- Progressive inclusion of modules
- Customized at country level in a sustainable and realistic way to facilitate country takeover
- Addresses reporting needs for global and regional commitments: Uganda, Senegal, Georgia already computing SDG2 indicators

50x2030 LEARNING AREA 2: DATA GENERATION UGANDA IN FOCUS

Uganda and 50x2030

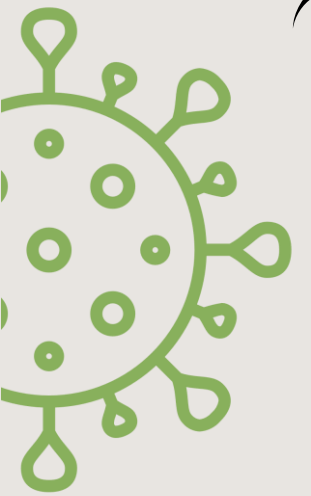
- Ag sector contributes ~24% to GDP; > 50% of rural population employed in ag
- First partner country to adopt 50x2030 integrated ag and rural survey – a multi-topic living standard survey (UNPS) and an agricultural survey (AAS)

50x2030 Integrated ag and rural survey

- **Value added:** Savings on listing, integration of sampling strategy, implementation modality (AAS/UNPS Harmonized and Integrated Survey Programme will cater for official ag statistics every year); ag questionnaire harmonized for integrated survey; reduced visits
- **Content:** Full picture of ag activity and living conditions of rural sector using same concepts and standards; integration of research and data collection agendas (UNOMA), harmonization of concepts and definitions; methodological improvements (test and pilot better practices and cost-effective methods; introduce thematic questionnaires)
- **Challenges**: Varying survey objectives; operational challenges viz deployment of field staff; statistical challenges i.e., different enumeration units (Household Versus Farm Household)

50x2030 LEARNING AREA 2: DATA GENERATION
ADAPTATION TO COVID-19

AT COUNTRY LEVEL



IMMEDIATE MEASURES

CANCELLING

SENEGAL

POSTPONEMENT

UGANDA
CAMBODIA
ETHIOPIA

PROGRAM WIDE

ADAPTATION MEASURES

REMOTE TRAINING

ALL

SURVEY ROUNDS MERGED

ARMENIA

PHONE INTERVIEWS

GEORGIA

REMOTE ONBOARDING OF COUNTRIES

BACK TO NORMAL?

FIELD WORK RESUMED EVERYWHERE

SUMMARY: CALL TO ACTION

THE ROAD AHEAD FOR 50x2030 PARTNERSHIPS

- Expanding 50x2030 country partnerships
- Partnership plan
- Expanded program collaboration
- New technical partnerships

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QUESTIONS & ANSWERS

JOIN THE CONVERSATION
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QUESTIONS? info@50x2030.org

VISIT 50x2030.ORG

FOLLOW

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READ

- 2020 Annual Report and 2020-2021 Annual Work plan
- 50x2030 Technical notes on Questionnaire Design, Data Use Methodology, Sampling Strategy , 50x2030 Survey tools and SDG Indicator 5a1
- Overview of the Initiative

JOIN

- Country expression of interest application

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Food and Agriculture Organization of the United Nations

SUPPORTED BY THE WORLD BANK IBRD • IDA | WORLD BANK GROUP

IFAD Investing in rural people

USAID FROM THE AMERICAN PEOPLE

FEED THE FUTURE The U.S. Government's Global Hunger & Food Security Initiative

BILL & MELINDA GATES foundation

Australian Government

Cooperazione Italiana allo Sviluppo

Federal Ministry for Economic Cooperation and Development