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
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

JOIN THE CONVERSATION #50x2030
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

---

#50x2030
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
50x2030
LEARNING AREA 1:
COORDINATION
50x2030 LEARNING AREA 1: COORDINATION
DATA VALUE CHAIN

Starting point

Year 1
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

Year 2
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

Year 3
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

Year 4
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

DATA VALUE CHAIN
- Data Production
- Data Use
- Methods & Tools

Starting point

Year 1
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

Year 2
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

Year 3
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

Year 4
- Specify needs
- Design collection tools
- Collect and Process
- Disseminate and Build Awareness
- Analyze for Research
- Used for decisions

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

<table>
<thead>
<tr>
<th>Version</th>
<th>1. CORE-AG: all versions of the annual CORE questionnaire</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V 2.0</td>
</tr>
<tr>
<td>2. ILP-AG: all versions of the Farm Income, Labor and Productivity questionnaire, within which the CORE questionnaires are included</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V 2.0</td>
</tr>
<tr>
<td>3. ILS-HH: Non-Farm Income and Living Standards Household questionnaire</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V 2.0</td>
</tr>
<tr>
<td>4. MEA-AG: all versions of the Machinery, Equipment, and Assets questionnaire, within which the CORE questionnaires are included</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V 2.0</td>
</tr>
<tr>
<td>5. PME-AG: all versions of the Production Methods and Environment questionnaire, within which the CORE questionnaires are included</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V 1.0</td>
</tr>
<tr>
<td>6. Optional Extensions: potential expansions for countries that wish to or are able to collect more disaggregated or objectively measured data.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V 1.0</td>
</tr>
</tbody>
</table>
50x2030

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
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

**ADAPTATION MEASURES**
- REMOTE TRAINING
  - ALL
- SURVEY ROUNDS
  - MERGED
    - ARMENIA
- PHONE INTERVIEWS
  - GEORGIA
- REMOTE ONBOARDING
  - OF COUNTRIES

**BACK TO NORMAL?**
- FIELD WORK RESUMED EVERYWHERE

**PROGRAM WIDE**
SUMMARY: CALL TO ACTION

THE ROAD AHEAD FOR 50x2030 PARTNERSHIPS

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

JOIN THE CONVERSATION #50x2030
Questions? info@50x2030.org

Visit 50x2030.ORG

Follow

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