50x2030 Initiative innovations

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Agriculture surveys in the context of HH surveys

• Agricultural statistics are based on the collection of data from farms which is an economic establishment.

• Nevertheless, there is an important share of the farms that are also Households (especially in developing countries).

• Therefore, it is also possible to obtain agricultural statistics from HH surveys.
  • LSMS-ISA does it.
  • But, if only taken from HH surveys, this will not allow to get national statistics as it excludes the commercial farms.

• Nevertheless, countries collect HH surveys for different purposes as they also collect AG surveys which has always posed the question of how feasible is an integration?
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**Challenges**
- Alignment of surveys calendars
- Complexity/Longer interviews
- Harmonization of concepts and methods
- Building a frame for the non-household holdings

**Benefits**
- Non-HH sector coverage
- Avoid inconsistent ag estimates
- Cost-efficiency
- Fullfils data needs for ag and welfare
The 50x2030 Initiative

In this context, the 50x2030 Initiative was created as a multistakeholder initiative with the objective of:

- Close the Agriculture data gap
- Improve the capacity of 50 L/LMICs
- Ensure SDG 2 - Zero Hunger indicators production:
  - SDG 2.3.1 Labor productivity
  - SDG 2.3.1 Small-holder income
  - SDG 2.4.1 Land under sustainable agriculture
- Provide better data for policy-making

How?

- By providing training activities, technical assistance and funding
- By promoting integrated survey approaches
50x2030: two models of implementation

An annual core survey on crop, livestock, aquaculture, fishery, and forestry production, and a set of specialized surveys in rotation: costs and agricultural income; labor and productivity; gender decision-making in agriculture; production practices and environmental aspects of farming.

Integrating household survey tool and broadening target population to incorporate a sample of rural, non-agricultural households into the system every three years.
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Two parallel surveys since 2017

Uganda National Panel Survey (UNPS)
- Multi-topic living standards panel survey
- Conducted annually on approx. 3,500 households (HHs)
- Representative at regional level (4 regions)
- Includes ag questionnaire

Uganda Annual Agricultural Survey (AAS)
- Cross-sectional ag survey focusing on household-sector holdings
- Conducted annually on approx. 7,000 ag HHs
- Representative for 14 subregions and 10 agro-ecological zones

That has overlaps and produce inconsistent estimates
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Uganda Harmonized and Integrated Survey Programme (UHIS)

On biennial basis, an additional cross-sectional sample of agricultural households is interviewed on agriculture

Biennial sample ag HHs

Annual sample non-HH holdings

Annual HH panel sample (agriculture)

Annual HH panel sample (non ag)

Non-household sector holdings interviewed on annual basis

On annual basis, a panel of households receives a household multi-topic questionnaire and (if applicable) an agricultural questionnaire

Launch: October 2021
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### Integrated sampling design
- Takes into account the precision requirements for both agricultural and households’ socio-economic statistics
- Unique listing exercise

### Harmonized survey tools
- Allignment of concepts, definitions and measurement protocols
  - Same ag questionnaire throughout the samples
  - Standardized enumerator training

### Survey calendars alligned
- Interview visits take into account the data requirement for ag statistics and welfare/consumption statistics

### Data processing harmonized
- Unique tabulation plan for agricultural statistics
- Harmonized data editing and imputation protocols
- Standardized calculation procedures for ag aggregates, SDG, CAADP, etc.

### Human resources
- Collaboration between departments
Thank you!