Food and Agriculture Organization of the United Nations

LAO STATISTICS BUREAU

Experience integrating the Lao Economic and Agriculture Census listing

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Outline

- Background
- Methodology
- Issues, Challenges and/or Obstacles
- Opportunities and Innovations
- Proposed recommendations

Background

1. Statistics Law (Revision)

- Article 17 Survey Timeline:

Census: - Agriculture Census every 10 years
- Economic Census every 5 years

2. The Strategy for Sustainable Development on National Statistics System 2016-2025 and Agenda 2030 (SSDNSS)

1998/99	2010/2011	2019
LCA I	LCA II	LCA III

3. The Government gives high priority to LCA 2019, and the census has been endorsed by Prime Minister H.E Thongloun SISOULIT (No 46/PMO, dated 31/5/2017).

-Steering Committee has been formed from Central to local level
-And as same as Agriculture Census Office

Lao Census of Agriculture and NSEDP

	Output	
Outcome 1: Sustained inclusive economic growth	1. Sustained and Inclusive Economic Growth	5.Improved Public/Private Labour Force Capacity
	2. Macroeconomic Stability	6. Local Entrepreneurs are Competitive in Domestic and Global Markets
	3. Integrated Development Planning and Budgeting	7. Regional and International Cooperation and Integration
	4. Balanced Regional and Local Development	
Outcome 2 Human resources development	1. Improved Living Standards through Poverty Reduction	5. Enhanced Social Welfare
	2. Food Security Ensured and Incidence of Malnutrition Reduced	6. Protection of Traditions and Culture
	3. Access to High Quality Education	7. Political Stability, Order, Justice, and Transparency
	4. Access to High Quality Health Care and Preventative Medicine	

	Output
Outcome 3: Natural resources and the	1. Environmental Protection and Sustainable Natural Resources Management
	2. Preparedness for Natural Disasters and Risk Mitigation
	3. Reduced Instability of Agricultural Production

3rd LCA Support:

Outcome1 : Output 2

Outcome 2: Output 1, 2 and 5

Outcome 3: Output 1,2 and 3

Census Work Plan

5

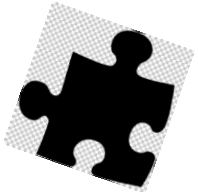
Analysis and data dissemination

- Data processing, analysis and dissemination Preliminary result (6-7/2020)
- Data processing, analysis and dissemination final result (6-12/2020)

4

Sample Survey

- Training 4weeks per class (2-3/2020)
- Survey (3-4/2020)
- Satellite Image capture (still consider)



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Prepare for sample survey

- Data entry, cleaning, editing (8-12/2019)
- Sampling selection (9-10/2019)
- Pilot Survey (9-10/2019)

2

Listing

- Update questionnaire (4-6/2019)
- Training and field work (6-7/2019)

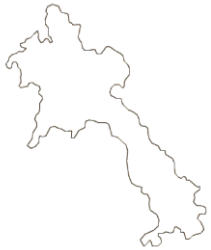
Preparation Phase

1

- Develop tool and methodology
- Develop questionnaire, Data entry program and mapping (2017-4/2019)

Scope and coverage

Listing



All villages, Households including single household and collective households, resident and non-resident household who live in Laos more than 6 months

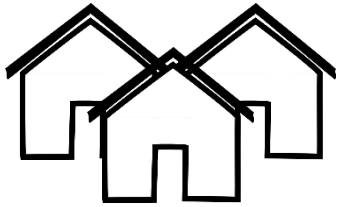
Business farms

Military and Security Areas, the Ministry of Security and Ministry of Defense will be responsibility on field collection
(New approach)

Census and sample survey

- Agriculture holding
- Area 1000 m2 = 0.1 ha
- Cow, buffalo, 5+
- Pig, goat 10+

The method will be revise after listing result



- Interview Agriculture holding sample 30% of village the have agriculture holding,
  16 household per villages
  (Same method as previous)
  The method will be revise after listing result

Interview sample farm business
(New approach)

Integrating the Lao Economic and Agriculture Census listing

Issues and background

1. The government is facing the budget constraint
2. Donor also have budget challenge

Cause the delay of censuses, and also cannot support to fulfill all activities that census requirement

Climate change, flood and drought

1. Census setting up, ACO
2. TA delay
3. Shortage of staff who have experiences

Methodology

3rd Lao Census of Agriculture + 3rd Economics Census + Village books

Visit every building in the village household, non-household except Jail and military territory

Interview resident and non-resident who live in Laos more than 6 months

All business that currently operating business in all building (household, commercial building and so on)

Include Local Market, super market and shopping center

Farm business including crop, livestock and Fishing

Methodology

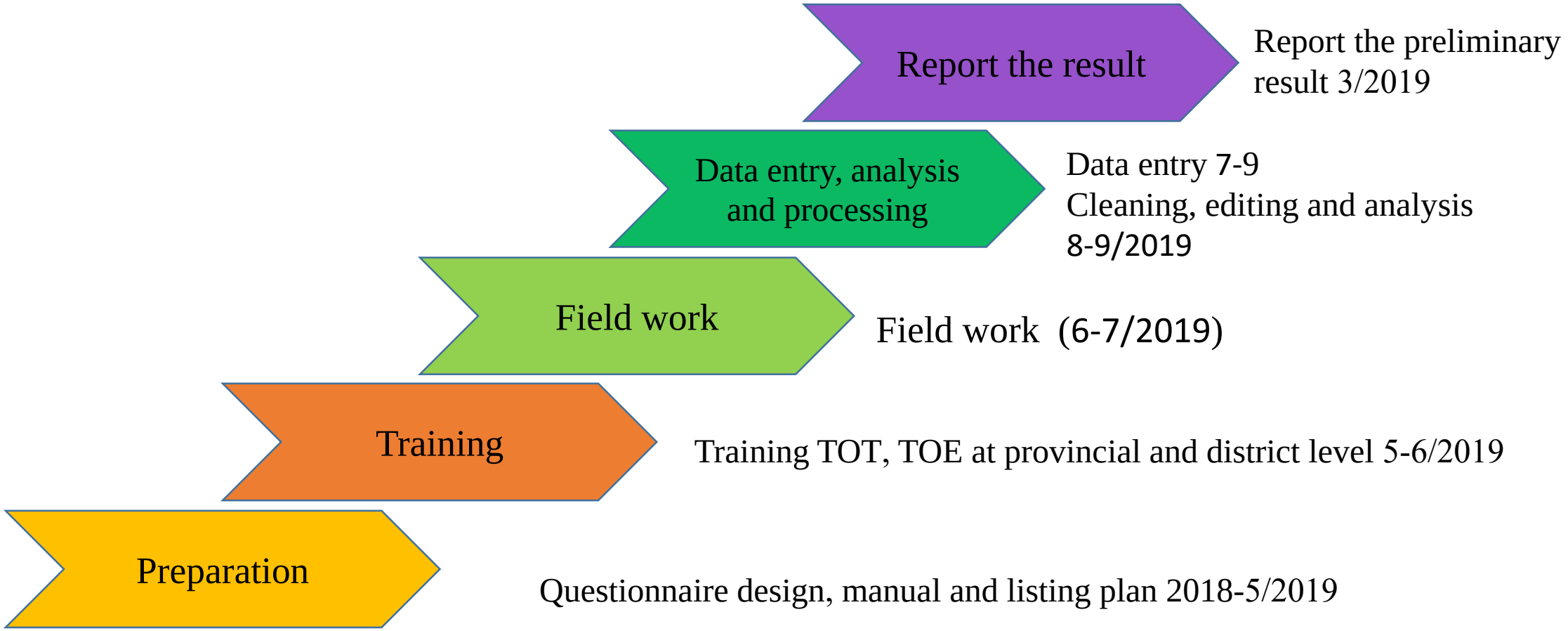
PAPI-Field work

3 Modules in questionnaire

1. Household module
2. Economic listing
3. Agriculture holding listing

Enumerators 3.942 pp
Supervisors 514 pp

5 steps of the household and economic units listing



Challenges/risks, innovations, opportunities

	C Challenges/Risk	I Innovations	O Opportunities
1. Survey Design	• First time to conduct as integrated 2 censuses listing	• Based on WCA202, support from FAO, UNIDO and ESCAP	If we success this time, it will be our lesson learn and guideline to improve listing in the future (Village book)
2. Questionnaire Design	• To combine the 3 modules is also the new challenge for us	• Survey frame • Use HHID and Business ID	We design them to make sure we can capture all activities of units
3. Methodology	• We do not have the latest update list, register information	• Using Economic census 2013 • Population census 2015 • Administrative report from MAF and MOIC	Using paper questionnaire methods that we can also improve the register statistics in the future
4. Enormous Units	• About 300,000 households and 200,000 units and some how the number is also mixed	• We using district officers as enumerators and provincial officers supervise the field, walk along village's street	
5. Classifications and definition	• To dealing with mixture information, it is also very important that we have to make sure what are they	Based on WCA2020, we ensure to add question to classify whether the household is holding and non holding, we also ask for business ID to classify if they are business farms	This will also give all information need for frame

Proposed Recommendations *in brief*

• Recommendation: If you are planning to integrate listing of Economic census and Agriculture Census, you should consider:

- Preparation stage has to be well prepare, to identify the number of unit and household particularly if country does not have register statistics;
- Using CAPI will be comprehensive to easier and quicker to update list, but if your plan to use PAPI make sure you have spare questionnaire, well plan for data entry and transportation;
- We also think, it will be applicable if we can area frame, we believe that will also help us to design the sample survey much better and it will make the frame even more comprehensive;
- Training times: to conduct census many case we have other agencies to be enumerators and supervisors, then the training has to be invest, to ensure that we give enough time for enumerator to deeply understand the questionnaire;
- The scope and coverage need to be well identify, including the classification, follow the WCA2020;

• Point Note: Nothing is perfect, everything has advantage and this advantage, as statisticians, we do our best to minimize the disadvantage, to present best snapshot to the government and users.

Thank you!

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