Using CSPro to collect Baseline data using MLE tools, Challenges, and Lesson Learned from Southern Africa, VISTA Mozambique.

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Outline

- Brief of Mozambique and VISTA project
- VISTA surveys conducted using MLE manual and tools
- What additional modules included to adjust the tools to fit USAID indicator requirement.
- Application of MLE manual and tools to capture data
- What are the major challenges that need to be addressed before running to the field
- What are the lesson learned and why forward

❑ Mozambique

- **Population: 27.98 Million (in 2015)**
- **Poverty : 54.7% (in 2008)**
- **GDP growth rate (5.8 in 2016 expected to be 8.3 in 2018)**
- **U5 stunting: 42.6%.**

- **FILL THE GAP!**

- **FTF project targets improving food security, nutrition, and income at households level: 16 districts, 478K HH, $1million sale value, 125K individuals trained, 200K U5, 70% in WDDS, 80% IYC-VAI.**

Source : http://data.worldbank.org/country/mozambique?view=chart

❑ Alignment to government food security agenda

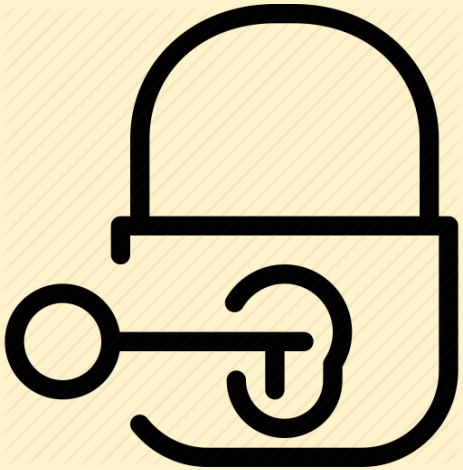
VISTA IS ALIGNED WITH THE THREE MAJOR COMPONENTS OF MOZAMBIQUE NATIONAL FOOD SECURITY STRATEGY

1. **Food availability:** Objective 1, Increased production of OFSP at household level contributing to food availability at national strategy
2. **Access to Food:** Objective 3: Increase income of 10,000 smallholder households; Purchasing power to access; Increased availability of nutritious crops in the market (post-harvest, processing, and marketing of roots, vines, and leaves)
3. **Food utilization:** Objective 2. Focus on promotion of increased utilization of nutritious and locally available foods by households, women and children. Nutrition component promote, advocate, create awareness on integrating OFSP into local food preparation.

❑VISTA surveys conducted by using MLE manual

❑ Data quality

Accessibility
Accuracy
Completeness
Consistency
Validity
Relevance



Standardizing data collection strategies

- What additional modules included to adjust the tools to fit USAID indicator requirement

  - Knowledge and perception,
  - Nutrition questions

❑ Monitoring and Evaluation…

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***1.: Beneficiary data:** vine distribution forms designed and developed. *Agronomist, extension agents, and DVMs trained.

*Data entry completed for beneficiary households **(18,509**).
*Data analysis completed.

❑ Monitoring and Evaluation…

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*2. **Baseline survey**: questionnaire, designed, Cspro. data entry app developed and implemented.
*23 enumerators trained;*4 field coordinators; *4 vehicles;*4 drivers
*45 days;

- ✓ Data collected from **2,295** hhs. from 15 districts.
- ✓ Data entry clerks trained.
- ✓ Baseline data entry completed.
- ✓ Analysis started

❑ Monitoring and Evaluation…

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***3., Monitoring survey for nutrition** designed, ODK data collect app developed: 3 staff, 3 interns, and 4 enumerators trained; field coordinators; *2 vehicles;*2 drivers; *10 days

- ✓ Survey completed, data available from server.
- ✓ No data entry expenses!!

<=54% of the beneficiaries have OFSP garden!

33% still believe giving first breast milk is not good for the child!!!

***4. DVM mapping and market assessment survey**

❑Modules used in VISTA-MOZ Baseline

M02. DEMOGRAPHIC OF MEMBERS OF HOUSEHOLD WHO ARE LESS OR EQUAL TO 60 MONTHS OF AGE (5 YEARS)

M03: G. GENERAL CROP PRODUCTION

M04. TRENDS IN USING SWEETPOTATO

M05: SWEETPOTATO PRODUCTION AND SALES

M06: N.ATTITUDE, PERCEPTION, PRACTICE, & KNOWLEDGE

M07: J. SWEETPOTATO KNOWLEDGE AND PRACTICE

M08: L. SWEETPOTATO ATTRIBUTE PREFERENCES

M09: E. HEALTH AND NUTRITION KNOWLEDGE

M10. HOUSEHOLD FOOD INSECURITY

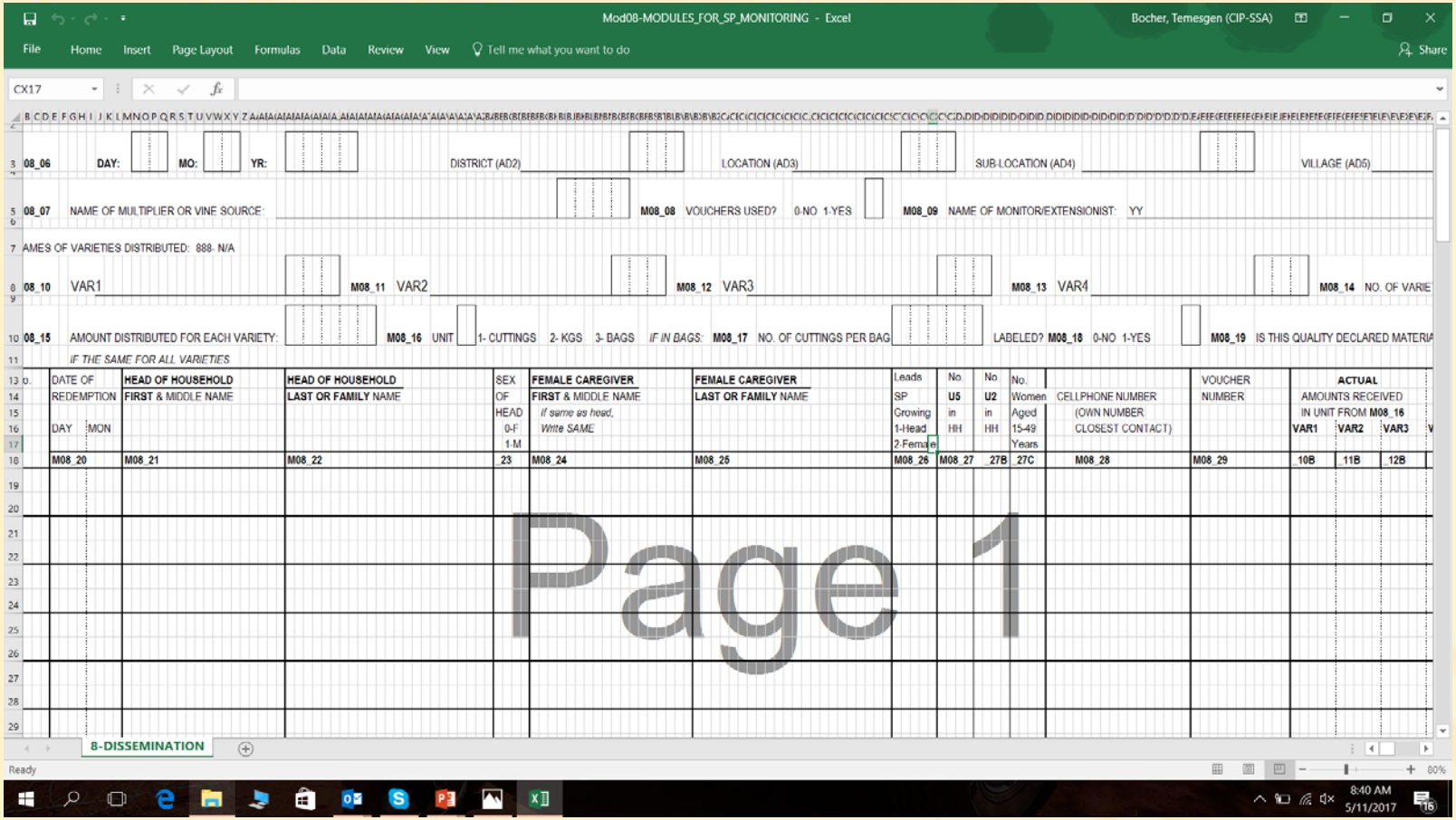
M11. DIETARY DIVERSITY FOR WOMEN AND YOUNG CHILDREN

M12. FREQUENCY OF CONSUMPTION OF VITAMIN A RICH FOODS

M13: L: HOUSEHOLD CHARACTERISTICS: HOUSEHOLD ASSETS

M14: HOUSEHOLD CHARACTERISTICS: MAIN HOUSING, WATER, SANITATION

❑ Application MLE manual and tools to capture data



❑ Module 8 Vs. Voucherss….

USAID FROM THE AMERICAN PEOPLE

CIP INTERNATIONAL POTATO CENTER A CGIAR RESEARCH CENTER

Senha DE Rama de BATATA-DOCE DE POLPA ALARANJADA

voucher # 00001/17

A01. Provincia _____ **A02. Distrito**_____ **A03. P. ADM.**_____ **A04.ALDEIA**_____

A05. Nome do DVM: _____, _____

A06. Nome do beneficiario: _____, _____

A07. Sexo do beneficiario: 0-FEM, 1-MASC…… ☐

A08. Idade do beneficiario (anos)…… ☐

A09. Alguma vez já participou num treino do VISTA? 0-Não, 1-Sim…….... ☐

A10. Já houviu falar da BDPA?: 0-Não, 1-Sim ……. ☐

	Feminino	Masculino
A11. No de crianças de 0-59 meses		
A12. No de crianças 0-23 meses		
A13. No de mulheres de 15-49 anos		

	Nome da Variedade (COD)	Quant.(Kg)
A14. Var1.		
A15. Var2.		
A16. Var3.		
A17. Var4.		

Data _____/_____/20_____ Assinatura do beneficiario _____. Válido até Data____/____/20____

CSEntry (Application: 2017_VISTA_MZ_BASELINE - Data: 2017_VISTA_BS_MOC_MM_R1.csdb)

File Mode Edit Navigation View Options Help

Show Weevil infested sweetpotato | Show OFSP sweetpotato | Show Yellow sweetpotato | Show Purple sweetpotato | Show White sweetpotato | Show sweetpotato root sizes | Show Household Report HTML

Quantas Vezes?

M05_01 Quantas Vezes?

- 0 0 - Nunca;
- 1 1 - Raramente (1-2 vezes);
- 2 2 - As vezes (3-10 vezes);
- 3 3 -Frequentemente (>10 vezes) durante os 30 dias

Module 10: Household food insecurity

	0-No 1-Yes	How Often?
M05_01 Nos ultimos 30 dias contando a partir de hoje, sera que o seu AF ficou preocupado por nao ter comida suficiente?"	1	1
M05_02 Nos ultimos 30 dias contando de hoje, sera que algum membro d seu AF nao foi capaz de consumir o tipo de comida que gosta, isso devido a falta de recursos ou dinheiro? **	1	1
M05_03 Nos ultimos 30 dias contando a partir de hoje, sera que algum membro do seu AF teve de consumir um numer limitad de tipos de comida devido a falta de recursos ou meios para comprar estes produtos?	1	1
M05_04 Nos ultimos 30 dias contando a partir de hoje, sera que voce ou outro membro do AF teve que comer alguns alimentos que normalmente nao gosta de comer devido a falta de recurso ou outro tipo de comidas?	1	1
M05_05 Nos ultimos 30 dias contando a partir de hoje, sera que voce ou outro membro do AF teve de comer pouco do que o normal porque nao havia comida suficiente?***	1	1
M05_06 Nos ultimos 30 dias contando a partir de hoje, sera que voce ou outro membro do AF teve que reduzir o numero de refeicoes num dia porque nao havia comida suficiente?***	1	1
M05_07 Nos ultimos 30 dias contando a partir de hoje, sera que voce ou outro membro do AF teve, ou houve um dia em que nao houve nada mesmo para comer no teu AF dveido a falta de recursos ou comida?***	0	
M05_08 Nos ultimos 30 dias contando a partir de hoje, sera que tu ou qualquer membro do teu AF foi durmir em pelo menos 1 noite com fome porque nao tinha comida suficiente?***	0	
M05_09 Nos ultimos 30 dias contando a partir de hoje, sera que tu ou qualquer membro do teu AF passou todo dia sem consumir nada porque nao havia comida suficiente?***	0	

M05_10 Que meses do ano o senhor (a) consome batata-doce nas suas refeicoes pelos menos 2 vezes por dia? F,G,

M05_11 Nos ultimos 12 meses, em que meses tem menos de duas refeicoes por dia comprados com os seus proprios meios (compra e producao)? H,

M05_12 Nos ultimos 12 meses, em que meses o seu AF recebeu ajuda em comida ou comida oferecida de uma fonte externa? M,

M05_13 Nos ultimos 3 anos, sera que TEVE uma situacao particular dificil que lhe obrigou a vender comida ou bens e ficou sem alimentacao para a tua familia? 0

For Help, press F1 | 1 Partials | MODIFY | Field = M05_01B | Occurrence 1 of 1 | NUM

10:27 AM 2/11/2018

❑Major challenges encountered

Time: Timely finalization of survey instrument and CAPI application. This in turn affected amount of time available for conducting testing the CAPI tool and training enumerators

Language barrier: Development of survey tool and CAPI application done in both English and Portuguese. Inconsistencies in the survey instruments between the two languages replicated in CAPI tool, slowing the process further

Technical support not readily available in the field during data collection. Delay in resolution of bugs in the CAPI application resulted in the team falling back on paper data collection.

Procurement: It took long to procure good tablets for data collection in Nampula. This in turn delayed the field testing of the CAPI tool

CSPro's inability to group questions made the interview very long and tedious

❑What are the lesson learned and why forward

- **Have the final version of the survey questionnaire ready** and agreed upon by all players before commencement of the CAPI tool programming. This includes having all the translation in place where this is possible. The questionnaire should be able to communicate the survey logic to the CAPI programmer in a simple and clear way. Changes in the survey tool often result in more time being spent changing programing logic.

- **Allow enough time between the development and finalization** of the CAPI tool and the actual survey. Development of many custom applications tend to always spill over the projected timelines for various reasons.

- **Pre-planning of the survey** is crucial step to effectively use the MLE tools and techniques

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OBRIGADO

Questions wellcomed