Application of ICT4D for Sustainable Mechanism for Improving Livelihoods & Household Empowerment (SMILE) Project mid-term review (MTR) using the SenseMaker®

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Background

Â SMILE Project & rationale for MTR

Â MTR objectives:
  ✓ The extent beneficiaries wellbeing has improved
  ✓ Beneficiaries perception of project contributions towards their wellbeing

Â SenseMaker used to complement others MEAL methodologies

Â Caregivers reflect more deeply & learn from their own experiences

Â Practical/visual representation (in diagrams) of caregivers perception of the project

Â Exploratory analysis through visual data patterning
Background (cont'd)

- Mini iPads used to collect micro-narratives, with follow up questions known as *signifiers*.

- The iPads were loaded with the electronic questionnaires (a.k.a. *signification framework (SF)*).

- SenseMaker uses 3 building blocks: - *triads*, *sliders (dyads)* and *stones*

- Administered to OVC caregivers in English, Tiv and Hausa languages

- Implemented in 475 households (HHs) in Nasarawa and Benue states.
ICT4D Solution

- 10 trained data enumerators in their familiar languages
- Micro-narratives/stories captured verbatim in English
- Stories in Tiv & Hausa languages captured through audio recordings
- Caregivers self-interpreted their stories through follow up questions/signifiers
- Data collection lasted for 6 weeks
  - about 40-60 mins to complete one session
- Data uploaded into a central server at the end of each interview
ICT4D Solution (cont’d)

- Audio recordings downloaded through a web link provided by the SenseMaker consultants from CRS HQ

- Transcription of audios to micro-narratives in local languages

- Translation from local languages into English, and uploaded back.

- Final dataset analyzed using the analysis features of SenseMaker: The Explorer and Analyst options
Data Analysis Features of SenseMaker®

- The **Explorer** is off-line procedure that uses the downloaded dataset

- The **Analyst** is an on-line procedure that access data from the central server

- Link for the web-based Analyst option:

  https://www.sensemaken-suite.com/login.jsp#/projects
Data Analysis Results

Visual Expression/patterns of Caregivers Perception in relation to key SMILE Interventions

T1. Ability to care OVC as relation to:

- HH Income,
- Physical & emotional Health, and Family &
- Community Support
Caregivers’ Satisfaction Rating in Activities Undertaken from His/Her Stories
Resources Affected by Caregivers’ Stories – Negatively or Positively

S2
- AgriculturalInputs
- Food
- HealthcareServices
- HIVTesting
- Income
- Land
- Loans
- NewKnowledgeSkills
- Savings
- SocialWelfareServices
- SupportHelp

ICT4D CONFERENCE
Data Analysis Results

Caregivers stories/experience in relation to Access to HIV Testing Services

HIV Testing only

Tested & received results
Lessons Learnt

- Caregivers are happy their voices can be heard
- Follow up beneficiaries whose stories are isolated or skewed
- Through the filter features can be integrated routine monitoring at the community
- Evidence-based programming at the community
- Monitor quality of services provided to beneficiaries
Limitations

• Currently there is no edit or approval level before uploading an entry

• The Sensemaker Analyst does not work on internet explorer browser

• Not very flexible at this stage of development – only exports files as PDF

• Reluctance on part of caregivers to key into new innovations

• Capacity building needs of MEAL staff to limit over dependency on the consultant/developers
Thank You