

PM&E of community innovation system an example

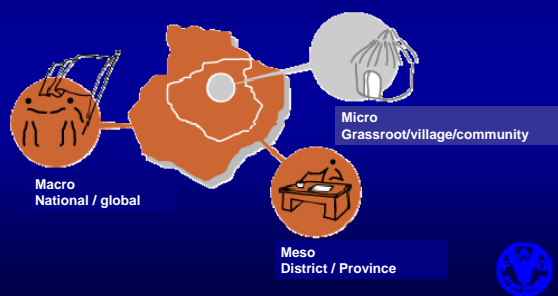
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Food and Agricultural Organization of the United Nations



M&E at various scales



Context

- East Africa
- Small holder farmers
- Agricultural extension & community dev.
- Government service provision
- Farmers Field Schools



The innovation process



Farmer experimentation / evaluation

FARM LAYOUT

| COMMERCIAL Plot | | |
|------------------------|--------------------------|------------------------|
| Farmer's Practice H614 | Farmer's Practice H628 | H513 Manure |
| H513 DAP 10 | H513 20-20-0 | H614 Manure |
| H614 DAP 5 | H614 20-20-0 | H628 Manure |
| H628 DAP 4 | H628 20-20-0 | Uncertified seed DAP 1 |
| Uncertified seed DAP 1 | Uncertified seed 20-20-0 | |



Promoting Farmer Innovation

Mr. Karuri Kibugi – Nakuru

Mr. Kibugi has developed a complex underground drainage/irrigation system which has converted his previously swampy lands to a highly productive farm.



Agnes Mughi - Mwingi

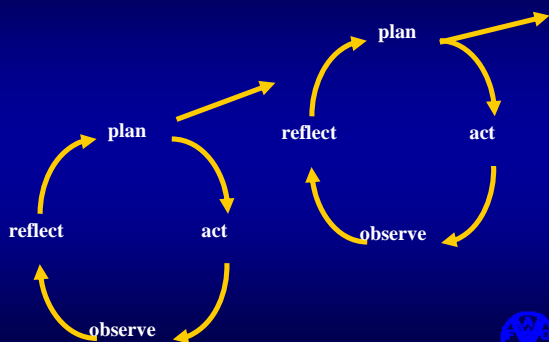
Ms. Mughi has trained many farmer groups on the use of home made bio-pesticides.



The M&E system



Managing for change:



M&E of whos "decired" situation?



deciding the level of participation...



Development of PM&E System



Bungoma, Kenya 2005



Busia, Uganda 2007

-National Workshops

prog. Staff
Farmers
Extension staff
Collaborators



Bukoba, Tanzania 2006

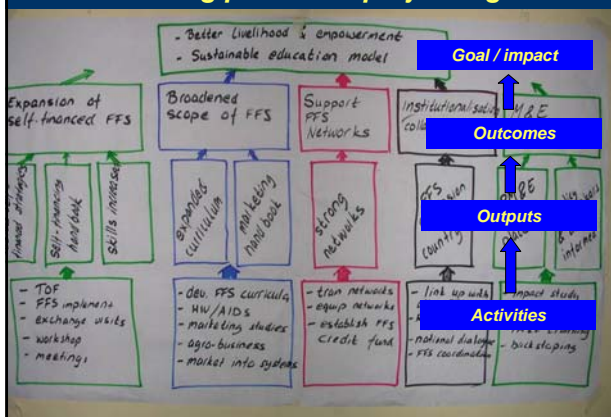


M&E Start-up Process

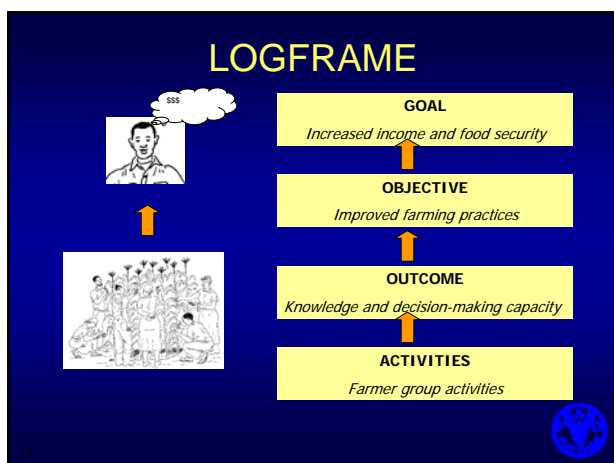
- Stakeholder forums to Revise logframe & dev. M&E framework
- Review experiences and instruments
- Define level of participation and available budget
- Develop M&E tools and methods
- Train on the M&E tools and methods

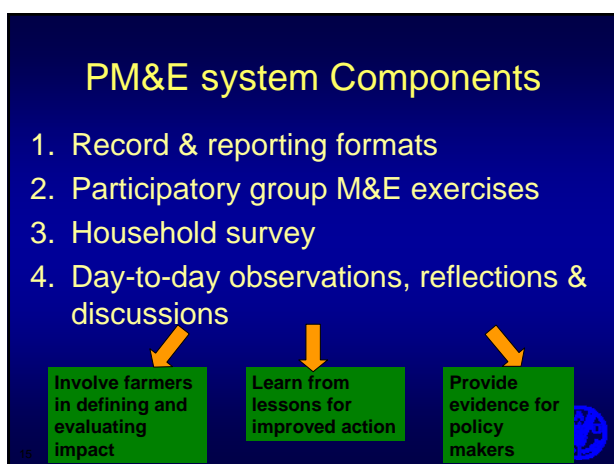


M&E Starting point: The project logframe



| Development of a M&E framework (‘6Ws and one H’) | | | |
|---|--|---|---|
| Question? | Indicator | Tool/Method | |
| How has socio-cultural practices and attitudes changed among farmers? | What? •% of leadership positions across gender groups •The level of involvement and numbers of women in household decision making | How? • Network / group records •HH survey •Group discussion tools •Structured interviews with sample farmers •Story telling | Whom? Where? When? With what |
| Why? | | | |





Participatory development of record & reporting formats



House-hold survey

1. Farmer defined statements of Well-being \Rightarrow Indicators of poverty



2. Questions developed into Household survey (pre & post)



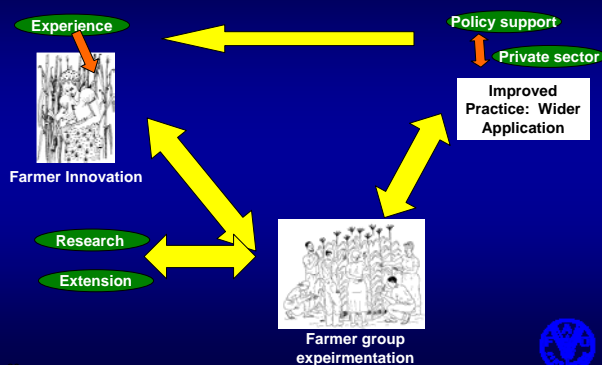
Poverty: Farmers Indicators

- Children in school
- Land ownership
- Labour hire
- Income sources
- Livestock assets
- Clothing/Dressing
- Land use
- Health & medical
- Food consumption
- Decision making

M&E tools to support group learning

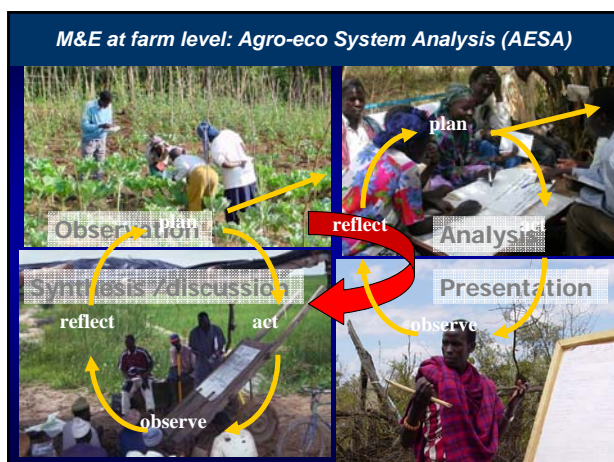


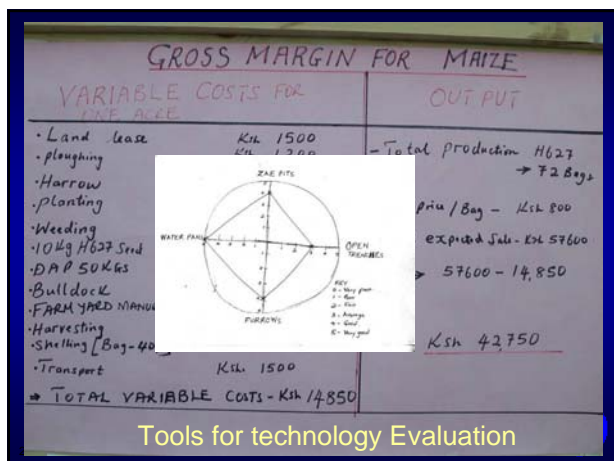
Mapping: Local innovation networks

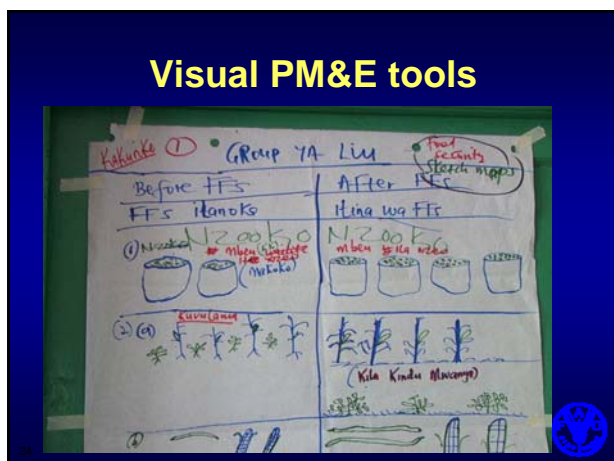


M&E at farm level: Agro-eco System Analysis (AESA)





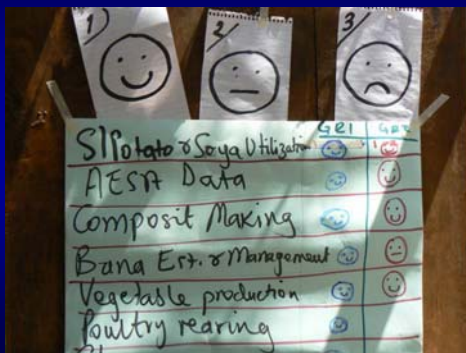




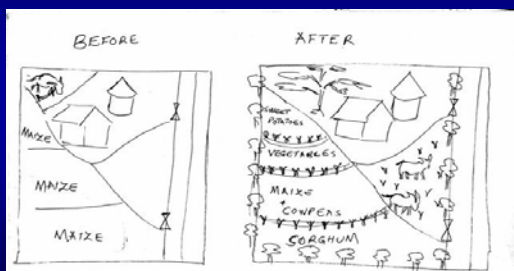
PM&E through song and drama



Level of satisfaction



Evaluating farm changes through drawings/maps





User invented tool: Knowledge retention



Farm visit interviews



Evaluation wheel

