Participatory Integrated Climate Services for Agriculture

PICSA

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Outline

• What is PICSA
• Lessons, opportunities and challenges
- Zimbabwe
- Tanzania
- Kenya
- Malawi
- Ghana
- Rwanda
- Lesotho
PICSA

Climate Information
- Historical Records
- Forecasts

Farmers
- Challenges
- Opportunities

Options
- Crops
- Livestock
- Livelihoods

Participatory Decision Making Tools

‘The Farmer Decides’

‘Options by Context’
Farmers compare and decide which options to try.

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<th>Activities</th>
<th>Time</th>
<th>Inputs</th>
<th>Family labour</th>
<th>Outputs</th>
<th>Produce consumed</th>
<th>Cash balance / profit</th>
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*Note: ¥ represents currency units.*
**Long Before the Season**
- Historical Climate Data
- Crop + Livestock Options
- Participatory Planning

**Just Before the Season**
- Seasonal Forecast & Revise Plans

**During the Season**
- Short-term Forecasts & Warnings

** Shortly After the Season**
- Review weather, production, forecasts & process

-seasonal forecasts from http://rava.qsens.net/themes/climate_template/seasonal-forecasts/
Some results

• In Ghana 97% of farmers had made changes in either their crops, livestock or livelihood enterprises

• For crops this included: new crops, changing varieties, management of crops
Why has it been successful?

• The key principles ‘stand up’
• Meets farmers ‘needs’ – provides evidence and information, options, participatory decision making tools (facilitates logical innovation)
• Supports stakeholders and partners in their objectives
• ‘Options by context’ re locations – in terms of climate, agriculture, institutions
Components of PICSA

Climate Information
- Historical Records
- Forecasts

Options
- Crops
- Livestock
- Livelihoods

Participatory Decision Making Tools

Farmers
- Challenges
- Opportunities

‘The Farmer Decides’

‘Options by Context’
Challenges and opportunities

• To adapt and prepare for locations ‘options by context’ – doesn’t happen by itself / by magic
• Developing long term capacity and partnerships
• Continuing to innovate
Thank you

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