



# Climate Smart Advisories

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**Ethiopia Digital Agricultural Extension and Advisory Services (DAEAS) Roadmap  
National Convening  
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## Outline

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Climate change and smallholder farmers

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Climate smart agro-advisories

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Delivery of digital climate advisories

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Considerations in training

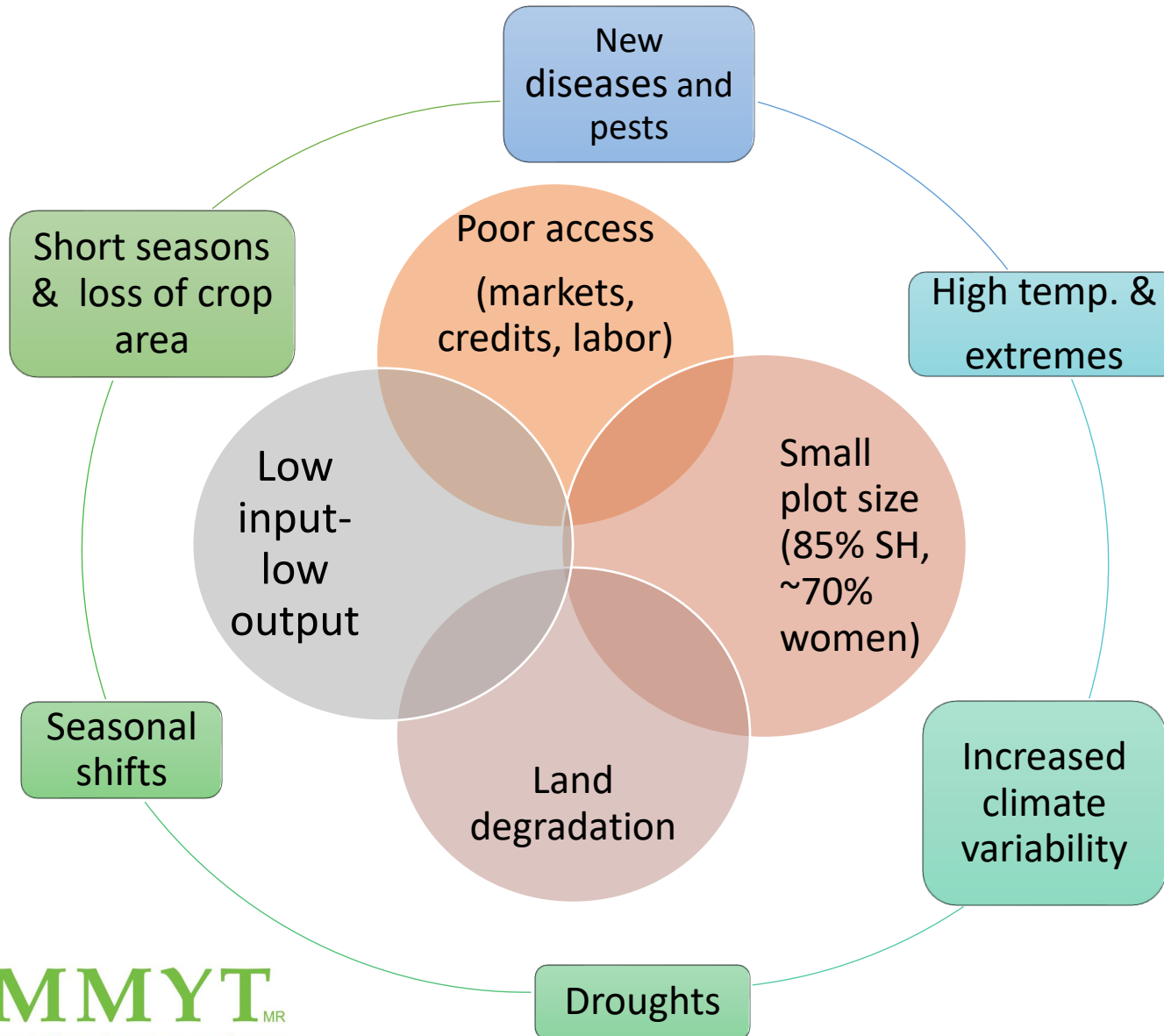
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Discussion

# Climate change is exacerbating the challenges of smallholder agriculture in Africa



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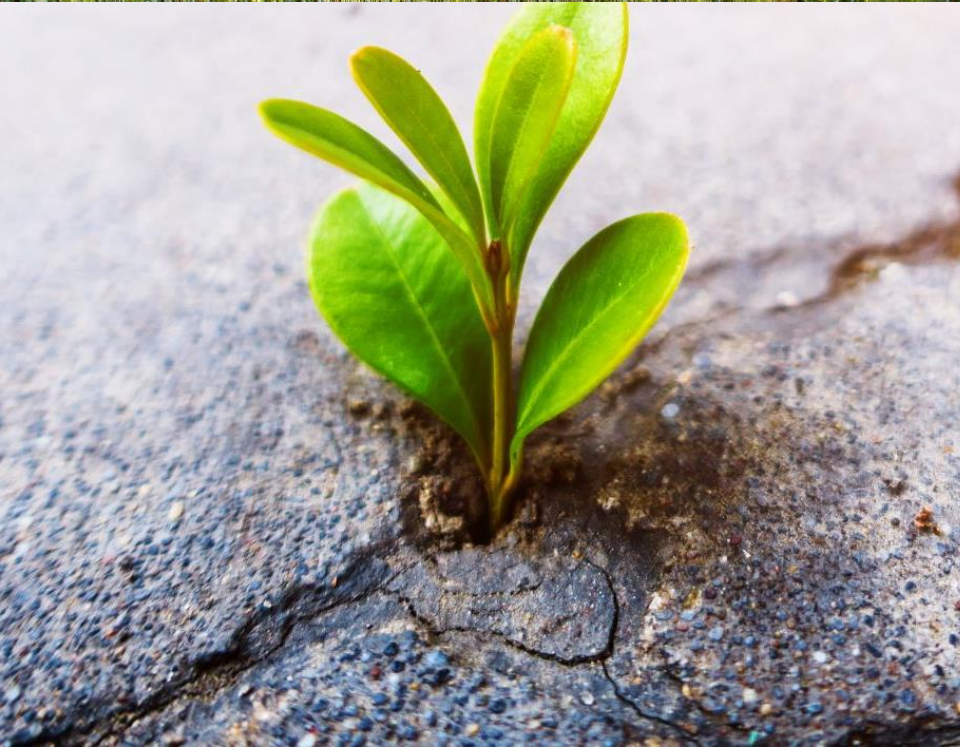
Smallholder farmers are mostly risk-averse

Fail to exploit opportunities during good years

Vulnerable to climate risks

Low adaptive capacity and resilience





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Addressing and managing climate variability & change through technological and institutional innovations is critical for transforming smallholder agriculture.

**One of such innovations is delivering decision relevant digital climate agro advisories (climate smart advisories)**

# Decision relevant climate agro-advisories

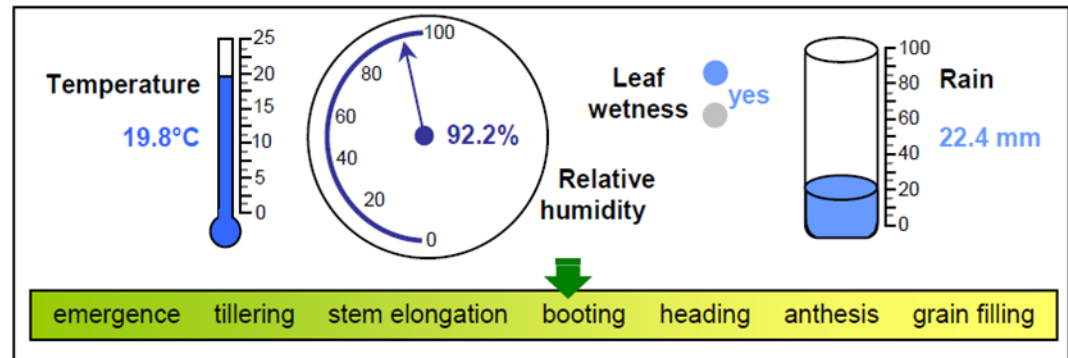
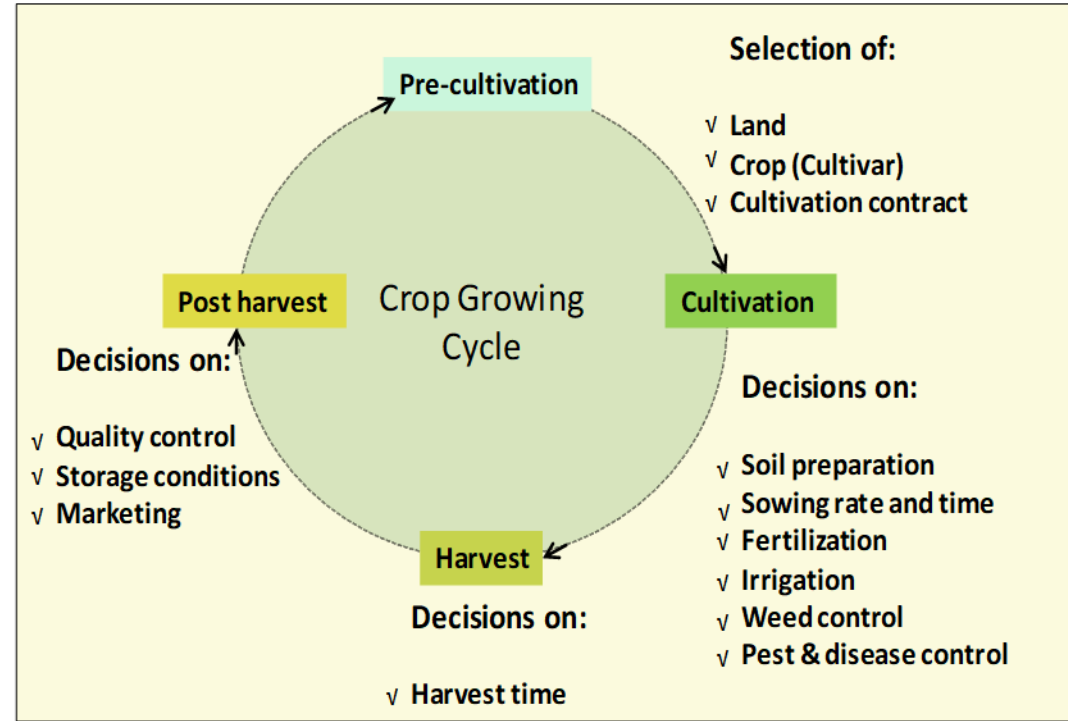


## Seasonal (3-6 months)

- Strategic decisions
- e.g.;  
Crop/variety choice  
Import of inputs

## Operational (1-15 days)

- Tactical decisions
- e.g.  
Time /amount of fertilizer application  
Spray of pesticide





# Delivery of Digital Climate Advisory Services



## Digital AgroClimate Advisory Platform-EDACaP

Managing Climate Risk to Enhance Adaptive Capacity of Farmers

- Weather Forecast**  
Location Specific 3-10 daily weather forecast for Agriculture.
- Seasonal Climate Prediction**  
NexGEN based Seasonal climate prediction for Agriculture.
- AgroClimate advisory**  
Seasonal Agroclimate Advisory based crop-climate models
- ENSO Prediction**  
Seasonal climate Phase forecast for the next 3 Months.

Read more

Read more

EDACaP Platform

Welcome to EDACaP! How can we help you?

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# Delivery/communication of climate advisors

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**SHORT  
MESSAGE  
SERVICE  
(SMS)**



**INTERACTIVE  
VOICE  
RESPONSE  
SYSTEM  
(IVRS)**



**DEVELOPMENT  
AGENTS (DAS)**



**MOBILE APPS**



**WEBSITE**

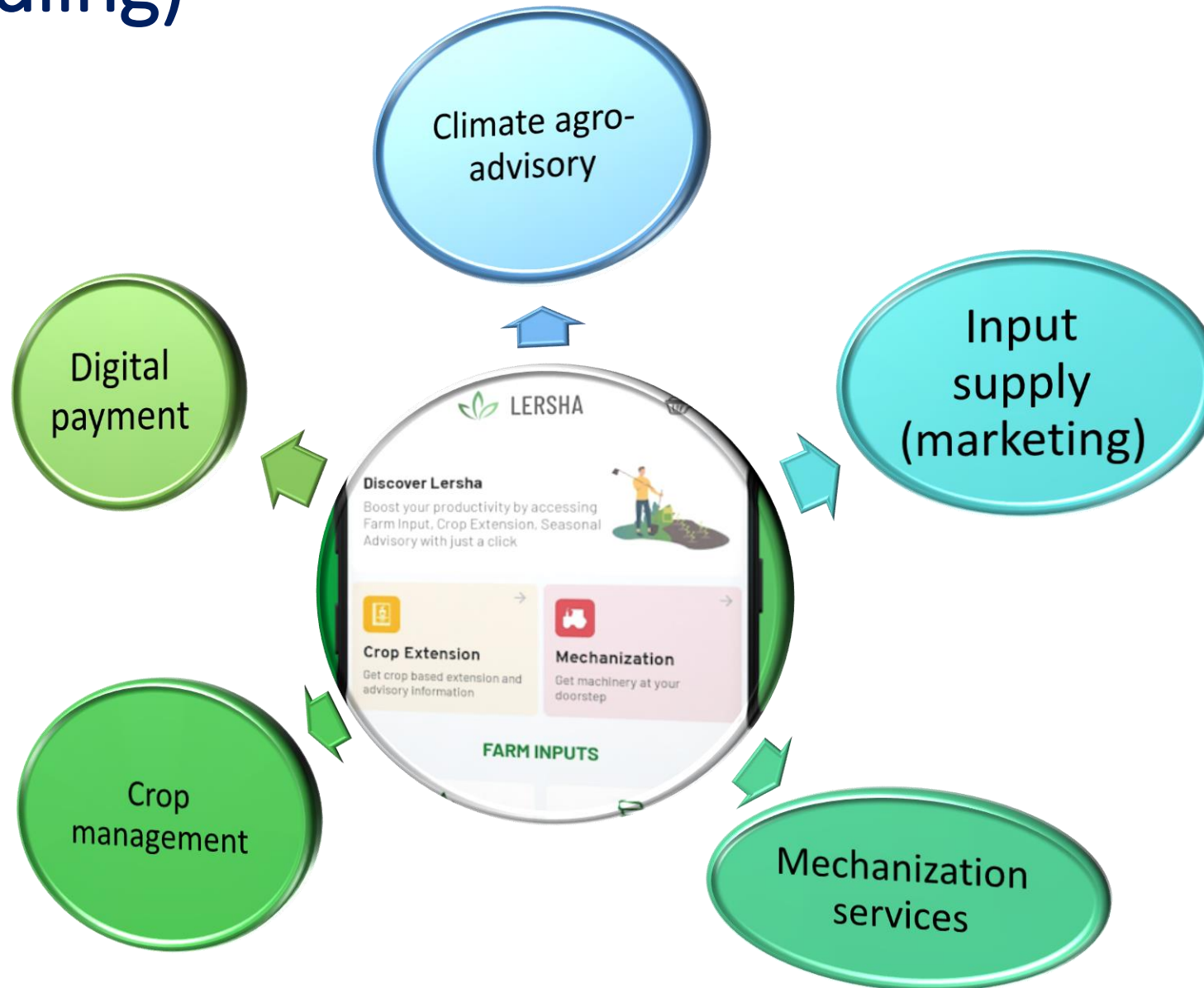


**MASS MEDIA**

# Integrating digital ag advisory services (bundling)



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## Target Users

- **Farmers**
- **Development agents**
- **Agro-dealers**
- **Policy makers**
- Agro-pastoralists
- Pastoralists
- Experts
- Input suppliers
- Processors
- Transporters



# Issues for Discussion

Climate variability and related climate risks are the major bottlenecks of agricultural performance in Ethiopia

How can we **scale up** climate smart advisories at national level using appropriate delivery mechanisms?

What kind of **capacity building** efforts are needed to have ICT-Smart DAs?

How can we strengthen **public-private partnership** in digital climate advisories?

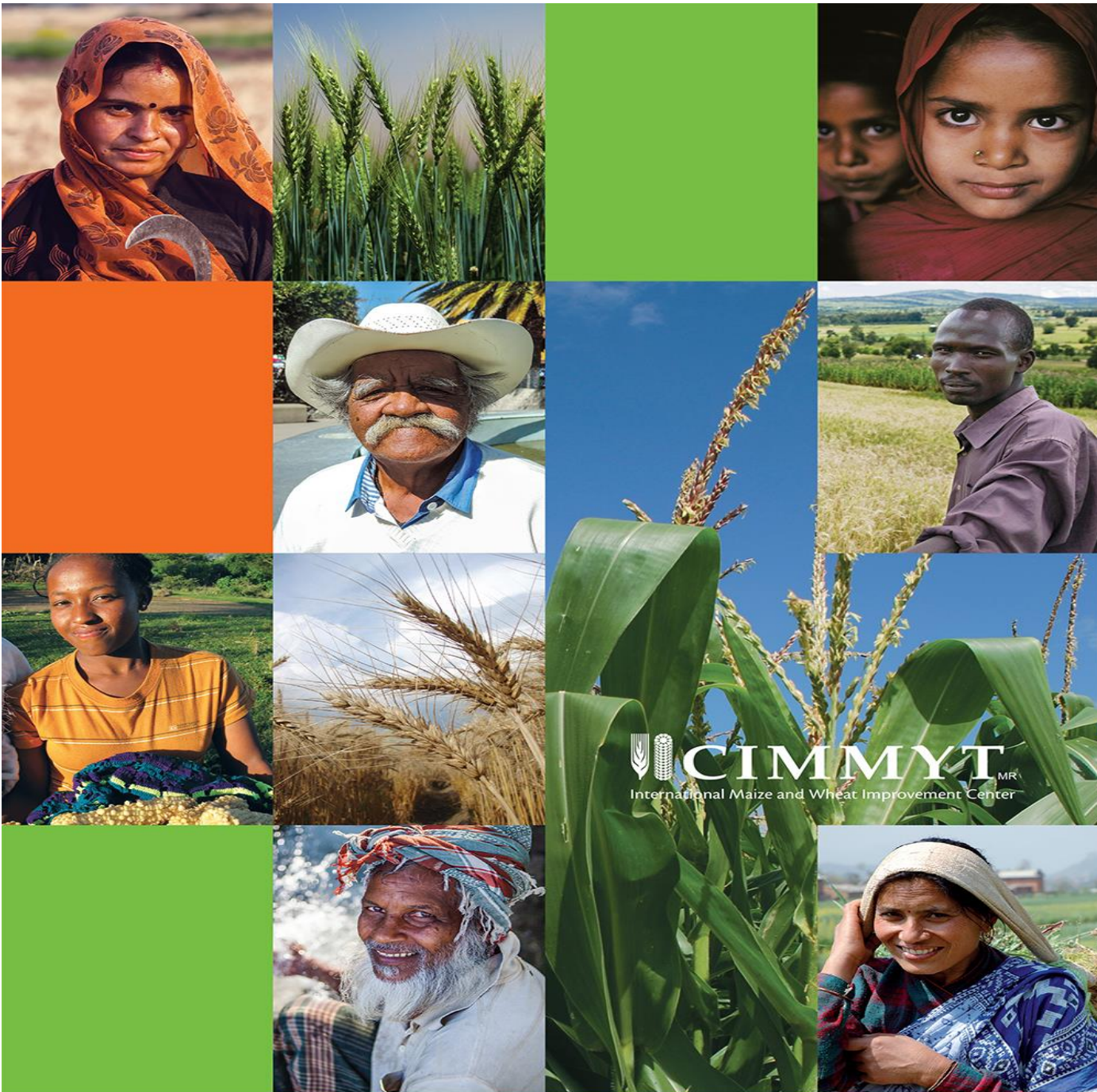
What modalities are required to strengthen **bundling** of climate agro-advisories with other agricultural service such as seed and fertilizer delivery, credit services and other input delivery systems?



Source: LERSHA webpage



- Questions and suggestions



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## Thank you for your interest!

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