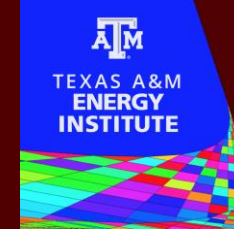




ENVIRONMENTAL AND ECONOMIC  
RESOURCE CENTRE



TEXAS A&M UNIVERSITY  
Texas A&M  
Energy Institute



# Bridging Expertise Gaps in the WEF Nexus through Participatory Modeling: Insights from Oyo State, Southwest Nigeria

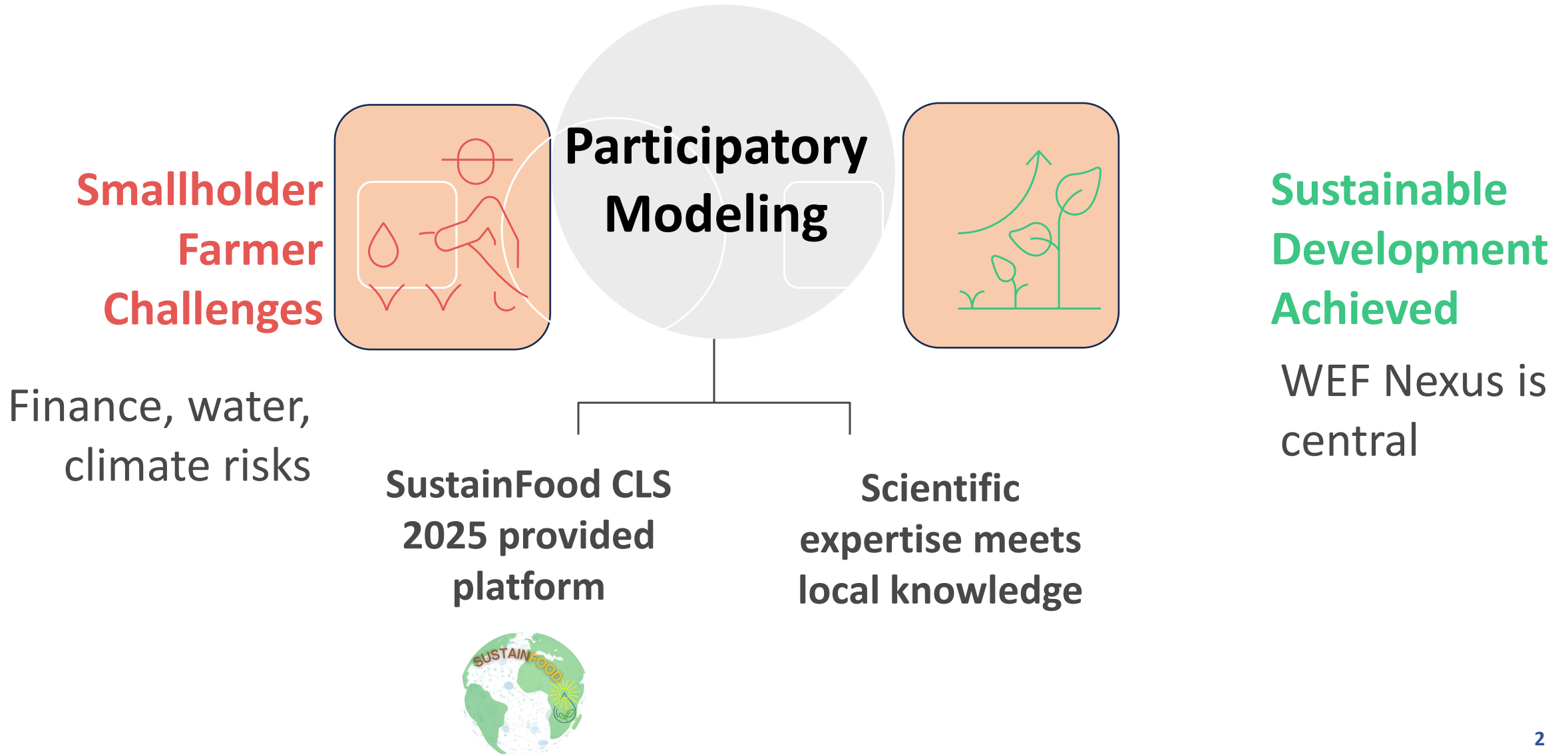
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2

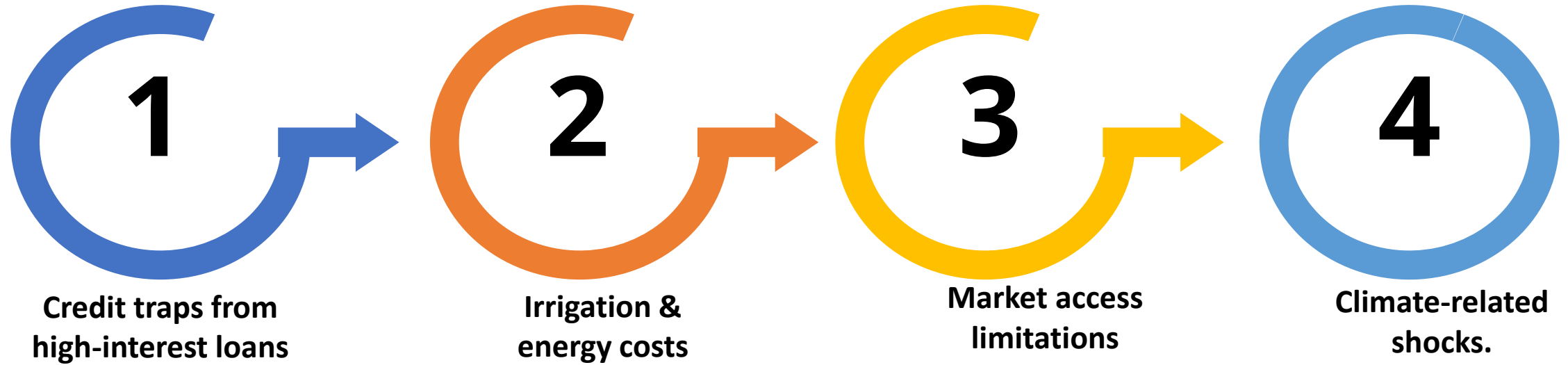
**Email: [fc.olatoye@eerce.org](mailto:fc.olatoye@eerce.org)**

# Background





# Problem Statement



- ☐ Participatory modelling with Political Economy Analysis
- ☐ Interest-Free Cooperative
- ☐ Bilingual facilitation
- ☐ Visual Participatory tools

# Objectives



## Limited Capacity

Early-career researchers  
and farmers

lack participatory modeling skills

1

2

## Capacity Building

Training researchers and farmers in  
participatory modeling

## Systemic Exploration

Investigating challenges in  
the WEF Nexus

3

## Solution Co-development

Creating Innovative solutions for  
resilience

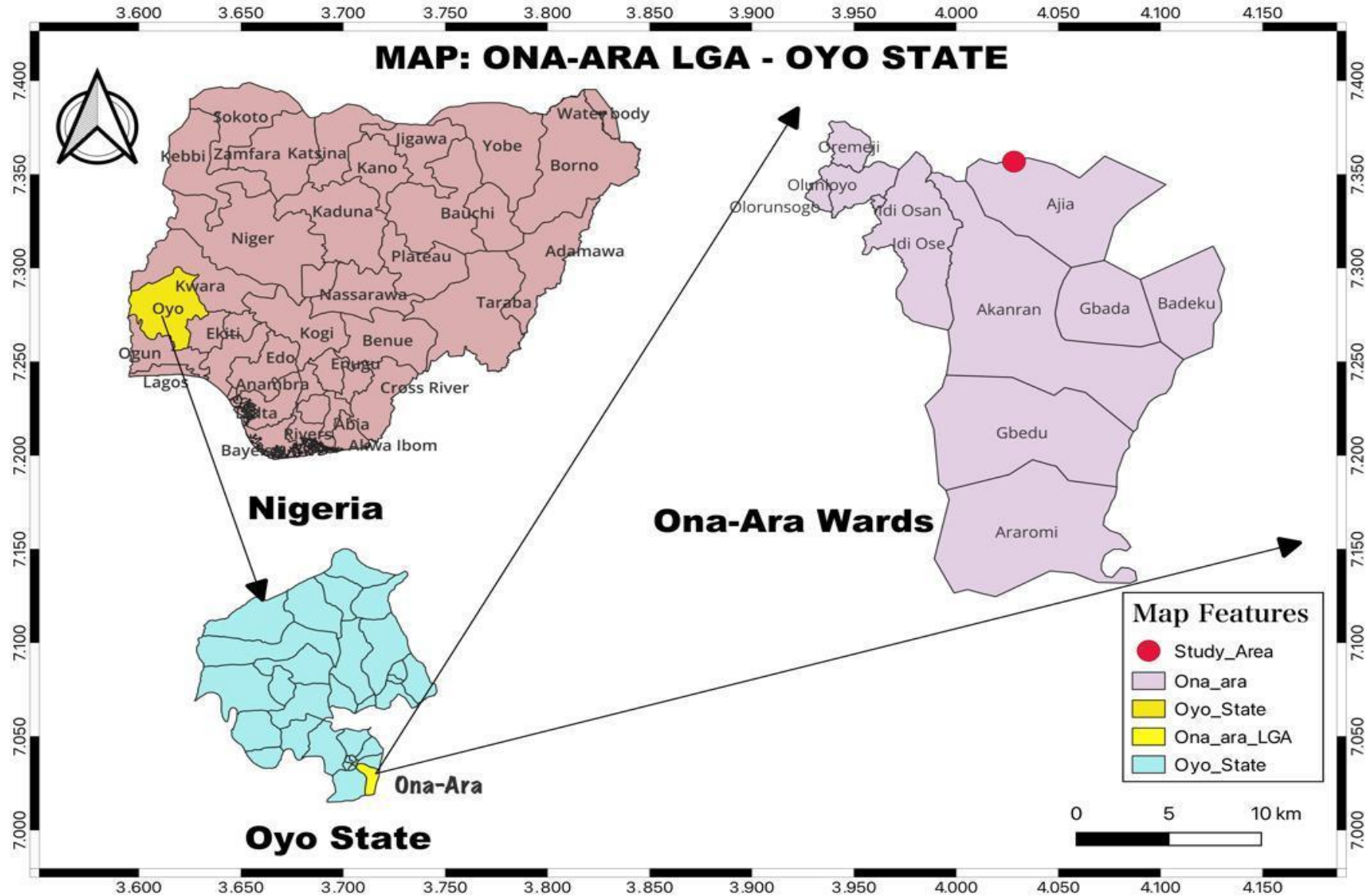
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## Policy Translation

Integrating grassroots  
insights into policy

5

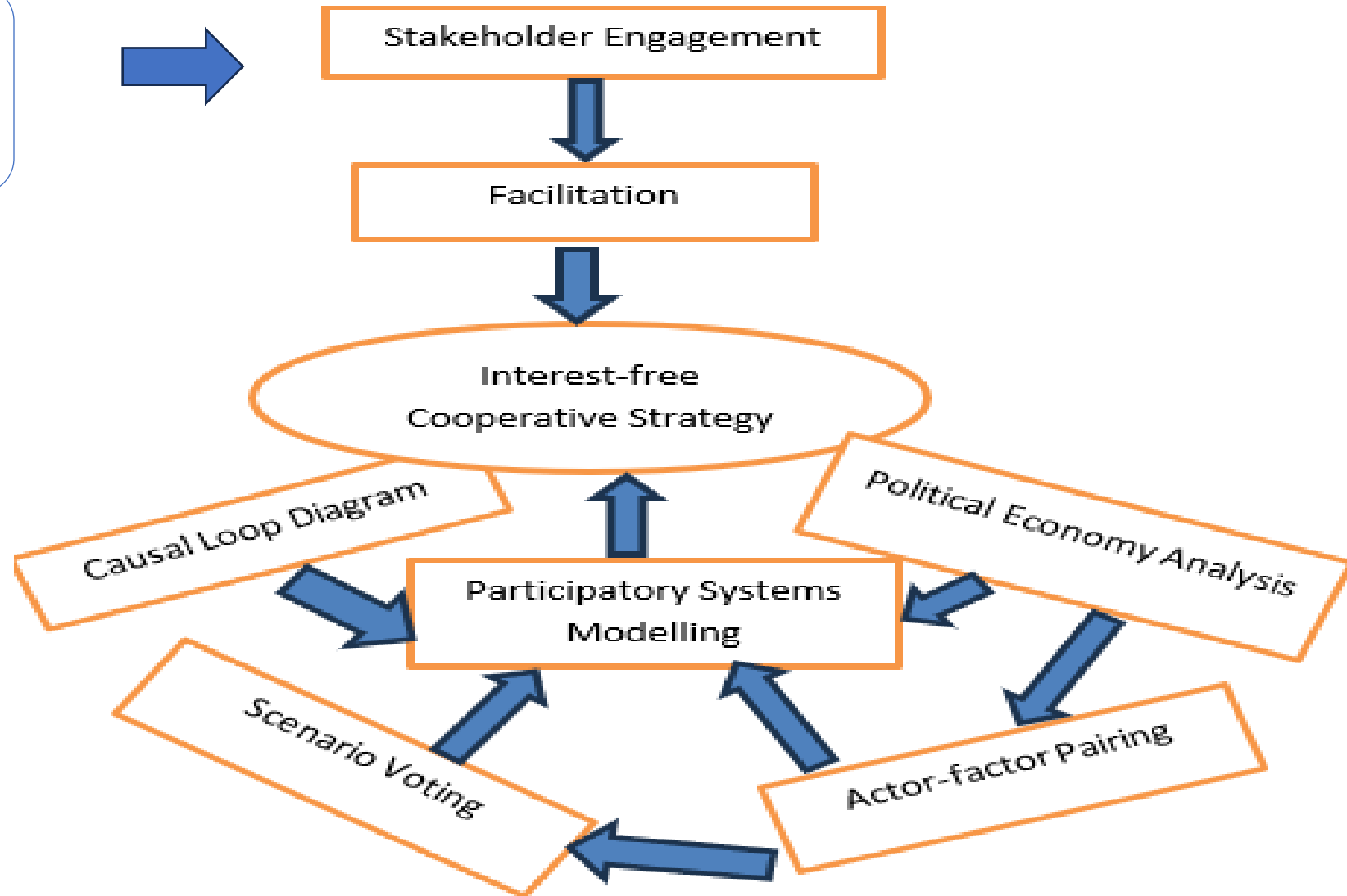
# Case Study – Egbeda farms in Ona-Ara LGAs



# Methodology



Farmers,  
policymakers,  
researchers

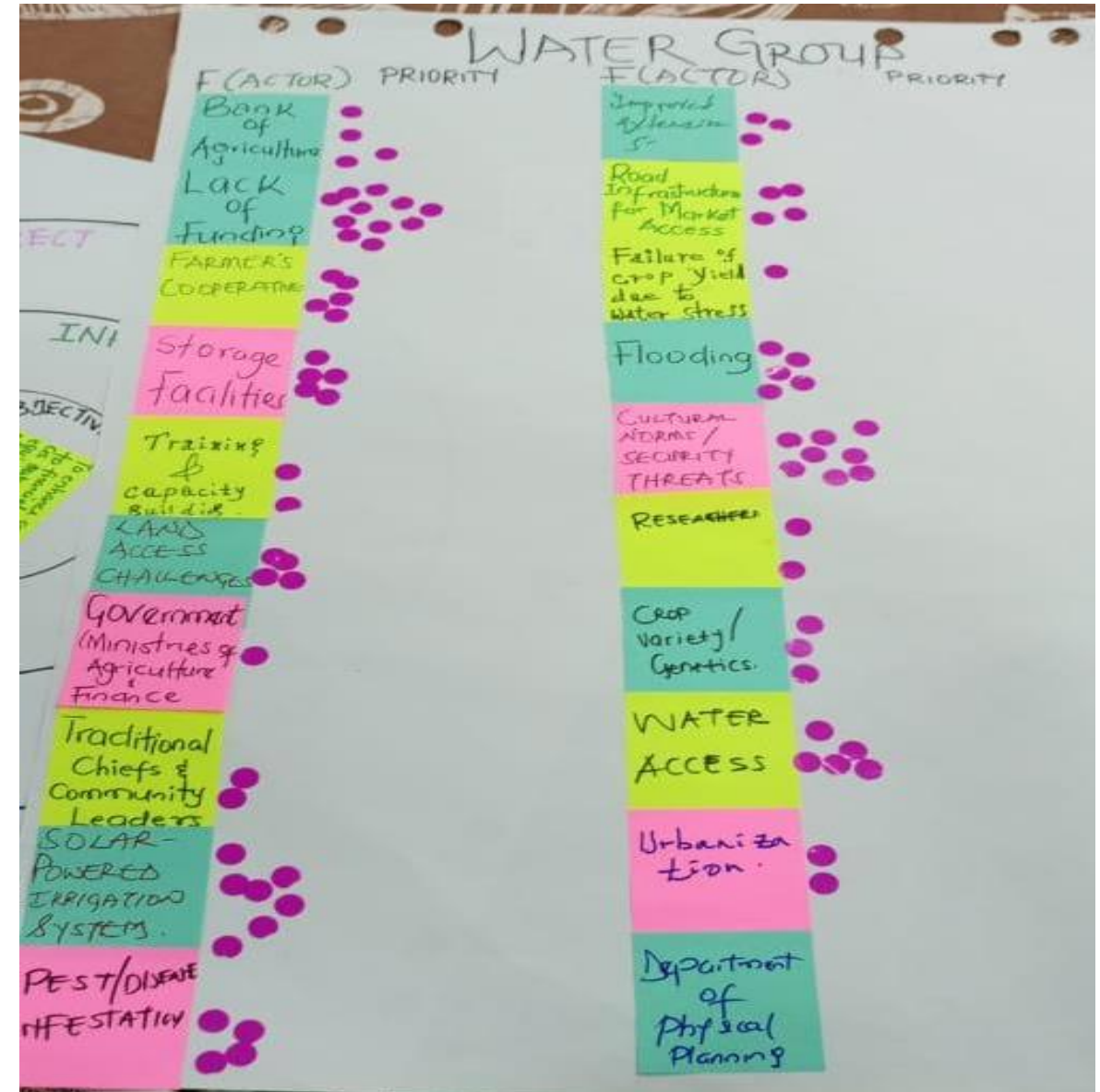






# Key Findings

- ❑ Interest-Free Cooperatives (IFCs) proposed as a scalable solution.
- ❑ Farmers valued inclusive dialogue with policymakers.



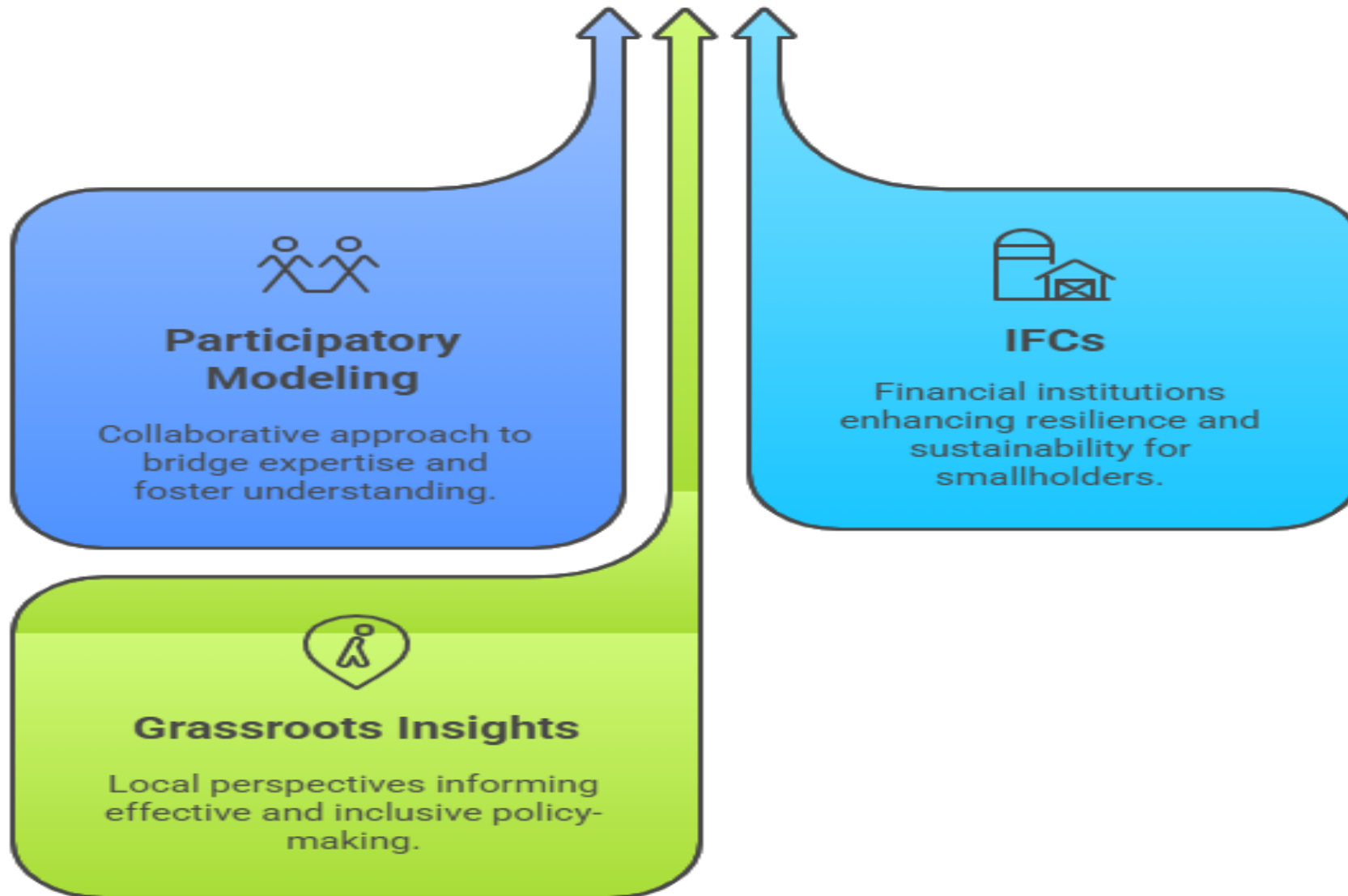




## Key Findings

- ☐ Recognize and support IFCs in agricultural policy.
- ☐ Provide access to concessional finance for cooperatives.
- ☐ Build capacity in climate-smart agriculture & financial literacy.
- ☐ Foster youth and women leadership in cooperatives.
- ☐ Encourage farmer-policymaker dialogues for inclusive decision-making.

# Conclusion



# Annex





# Annex





# Annex





# Thank you