



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

GLOBAL LEARNING AND EVIDENCE EXCHANGE
CLIMATE-SMART AGRICULTURE

DECEMBER 5–9, 2016 // SIEM REAP, CAMBODIA

**INCREASING RESILIENCE TO
CLIMATE CHANGE FOR FARMERS
IN RURAL CAMBODIA**

**Prak Thaveak Amida, Deputy Secretary General
Ministry of Agriculture, Forestry and Fisheries (MAFF)**



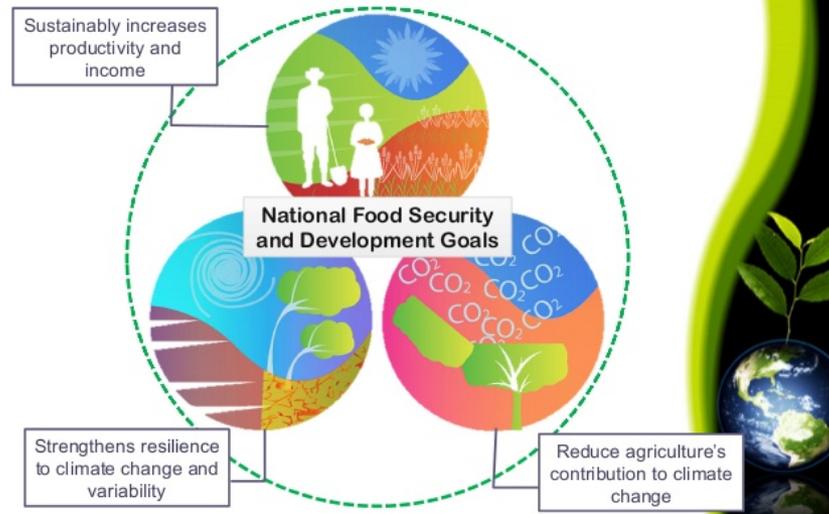
USAID
FROM THE AMERICAN PEOPLE



OVERVIEW

- MAFF – Climate Change Priorities Actions Plan 2014-2018
- With Support from CCCA (MOE) – IR CSA (2016-2018)
- Objective: To enhance adaptive capacity of rural communities/ farmers

What is CSA?





FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

MAFF EXTENSION SYSTEMS

- MAFF – General Directorate of Agriculture (Department of Agricultural Extension), technical aspects
- Extension Officers – Provincial and district Levels, not communes and villages
- IR CSA – Central and province officer (under PSU) working closely with 35 selected villages



USAID
FROM THE AMERICAN PEOPLE



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

IR CSA SERVICES

1. Series of training to local government officials

- Provide strong theoretical background
- Brainstorm on key concepts
- Prepare the participatory workshop
- Practice key facilitation skills



USAID
FROM THE AMERICAN PEOPLE



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

IR CSA SERVICES

2. Modelling the current situation and vulnerabilities

- Landscape mapping
- Stakeholder mapping
- Livelihoods calendar
- Hazard mapping



USAID
FROM THE AMERICAN PEOPLE



IR CSA SERVICES

3. Simulation and role-playing games

Use the power of game to show farmers the impacts of climate change and identify climate change adaptation strategies and socio-economic scenarios

- **Modelling the current vulnerabilities** (livelihood activities and current climate risks)
- **Simulation of climate resilience strategies against climate scenario** (with and without investment)





CHALLENGES

- Limited knowledge of PDA Officers on CSA – Need for capacity building
- Farmers cope with climate change based on traditional practices – Difficult to change practices
- Inadequate planning for impacts (seasonal....)
- Lack of coordination among those implementing CSA
- Limited access to finance for CSA capacity building





FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

OPPORTUNITIES

- Commitment from senior management
- Participation from PDAs and local authorities / Farmers WTP
- Based on IR CSA experiences, scale up in different provinces



USAID
FROM THE AMERICAN PEOPLE



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

CONCLUSION

Participatory approaches that model climate vulnerabilities within the Cambodian farming enables everyone to understand, prepare and take part in implementation.



USAID
FROM THE AMERICAN PEOPLE



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative



CAMBODIA CLIMATE CHANGE ALLIANCE

Implemented by:



*Ministry of
Environment*

Supported by:



European Union



*Empowered lives.
Resilient nations.*



SWEDEN



USAID
FROM THE AMERICAN PEOPLE



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

www.feedthefuture.gov



USAID
FROM THE AMERICAN PEOPLE