



# Cambodian Rural Development Team

Promoting resilience in agricultural production and enterprises for food security among subsistence farmers along the Mekong

Project Factsheet 2016

Grant for Climate Change Research and Innovation



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## BACKGROUND

- ▶ **Rational / Relevance:** Sustainable climate change adaptation for small-scale farmers is dependent on reducing vulnerability by moving from low return, subsistence agricultural, to higher-return agricultural activities.
- ▶ **Link with objectives in CCCSP:**
  1. Promote climate resilience through improving food, water and energy
  5. Improve capacities, knowledge and awareness for climate change responses
  6. Promote adaptive social protection and participatory approaches in reducing loss and damage due to climate change
  7. Strengthen institutions and coordination frameworks for national climate change responses.

## OVERALL OBJECTIVE

Increased sustainable food security among rural poor communities along the Mekong River, in the Prey Lang Landscape, by developing the climate resilient food production systems

## SPECIFIC OBJECTIVES

- ▶ Increased sustainable production of food products through cyclical climate resilient agricultural techniques and water management system.
- ▶ Strengthened income generation from sale of surplus vegetable and poultry products and developed and strengthened market networks
- ▶ Integration and support for cyclical, climate-smart agricultural methods and Farmer Associations within Community Livelihood and Development Plans.

## APPROACH

The established method for improving agriculture amongst smallholder farmers is through the formation of farmer groups. After orientation workshops, the project therefore will strengthen and extend membership of 4 established CBOs in the 2 target villages. The CBO will be essential for agricultural technique sharing and providing access to finance for farming inputs whilst also increasing reliance to shocks. The 3 selected farmers from each village will practice the new farming techniques on a Model Farm that has access to solar-power water system for irrigation.

CRDT and CBO members will conduct a market study to identify business potential and identify a network with development partners, buyers. This will identify potential and high value produce that can be linked to markets. Improving the coordination of agricultural production, marketing and sales within the value chain can reduce transaction costs, help guarantee product quality and safety, and enhance design of marketing strategies. CRDT will therefore support the creation of 1 (one) Agricultural Cooperative Union (ACU) formed, strengthened, provided access to a finance institution and linked to producers and traders in markets. The projects will, however, be complementary; the CBET sites and active tourism in the area will provide a market to link into. The Model Farms will also be used as an attraction for visitors to understand how new agricultural methods are being used to adapt to the changing climate.

CRDT will also build institutional capacity for Improved Commune Council and village chiefs' knowledge of climate change and adaptation-farming techniques needs and integrate CCA into CIP.

## OUTPUTS AND KEY ACTIVITIES

Key Results	Key Activities
Increased production of agricultural products with cyclical climate adapted techniques	Two solar powered water pumping systems built
	Model Farmers trained and practicing cyclical farming
	Model Farms sustainably operate and serve as learning centers
Strengthened income generation and access market	Market study conducted to identify potentials and networks
	Agricultural Cooperative Union (ACU) formed
	ACU strengthened, accessed to capital and market
Integration and support for CCA farming techniques and ACU by local authority	Communities understand climate change and adaptation needs
	Improved knowledge of Climate Change in Commune Council
	Commune Council support cyclical farming and ACU

## KNOWLEDGE PRODUCTS

- ▶ Manual on development and management of commercial community farm using cyclical climate adapted agricultural techniques
- ▶ Documentation on the engineering design of solar powered pumping system favorable for geographical conditions of communities along the Mekong River

## PROJECT INFORMATION

<b>Timeframe:</b>	July 2016 - March 2019, 33 months	<b>Location:</b>	Sambour district, Kratie province
<b>Total Budget:</b>	USD 105,209 (USD 91,000 from CCCA)	<b>Contact person:</b>	Mr. Meas Viphou, Livelihood Programme Manager Tel: 855 12 381 558 Email: meas_viphou@crdt.org.kh

### Funded by:



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