



Project Title: Demonstrating Climate Resilient Technologies for Enhanced Agricultural Production and Sustainable Livelihoods in Rural Farming Communities of St Ann

Project Country: Jamaica

Responsible Organization: Ministry of Agriculture – Rural Agricultural Development Authority (RADA)

Proposed Budget (USD): JCCCP Grant Funding: \$250,000.00
In Kind Contributions: \$20,000.00
Total Budget: \$270,000.00

Project Objective

The overall objective of the project is to mitigate the impact of climate-induced disasters on poverty, income variability and food and nutrition security in the area by building resilience.

The specific objectives of the project are to:

- (i) increase water availability on-farm and improve the efficiency in its usage through the establishment of a community based irrigation system; and
- (ii) enhance climate resilience building through the introduction and application of climate smart technologies, with the aim of improving livelihoods through adaptation to climate variability and change

Selected Focal Areas

This project will incorporate the following focal areas identified under Outcome 2 of J-CCCP:

- Sustainable Agriculture
- Renewable Energy and Energy Efficiency

Targeted Stakeholder Groups

The project area is a farming community situated in the hills of St. Ann comprising approximately 1,980 permanent households with both men and women. The main source of income for these households is farming. Other surrounding farming communities (most notably Battersea, Frank Hall, and Bohemia) will also benefit from this project.



Project activities

The project will undertake the below activities:

- Establishment of community based irrigation system
- The introduction and application of climate smart technologies, with the aim of improving livelihoods
- Training in climate smart agricultural techniques and technologies including solar powered irrigation systems, sustainable intensification practices as well as sustainable water management and irrigation efficiency