



**Project Title:** Irrigation Capacity Improvement to improve Climate Resilience among Small Farmers

**Project Country:** St. Vincent and the Grenadines

**Responsible Organization:** Ministry of Agriculture, Forestry, Fisheries and Rural Transformation

**Proposed Budget (USD):** J-CCCP Grant Funding: \$191,064.57

In-kind Contributions: \$105,733.33

Total Budget: \$296,797.90

### Project Objective

To enhance farmers' capacity to meet their economic needs through installation of irrigation capacities on and off farm and to improve their climate resilience through the adoption of climate smart strategies.

### Selected Focal Areas

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

- Climate-smart community-based water management systems (harvesting, storage and distribution)
- Crop diversification practices
- Water capacity and irrigation systems

### Targeted Stakeholder Groups

The target beneficiaries are farmers in in Langley Park, Grand Sable San Souci, Barrouallie, Chateaubelair and Calder. This includes the following groups:

- Women in Agriculture Langley Park Cooperative (WALCO)
- Langley Park Fair Trade Group (LPFTG)
- Grand Sable Fair Trade Group (GSFTG)
- Rabacca Farmers' Cooperative

These stakeholder groups comprise one hundred and seventeen (117) farmers in three geographically distinct areas, operating on seventy-five (75) acres of lands. These producers cultivate mixed crop types, with focus on vegetable production.

## Project Activities

The project will undertake the below activities:

- Langley Park Irrigation Scheme rehabilitated;
- Affordable climate-resilient, community-based water harvesting, storage and distribution systems designed and established in Langley Park and San Souci;
- Individual water harvesting and irrigation systems designed and established to improve farm productivity in Langley Park, Grand Sable, San Souci, Barrouallie, Chateaubelair and Calder;
- Sustainable Agriculture (Climate-resilient, agro-pastoral practices and technologies (e.g. water management and soil fertility) demonstrated in selected target areas;
- Farmers in Langley Park, Grand Sable San Souci, Barrouallie, Chateaubelair and Calder trained to reduce disaster-induced losses through the adoption of climate resilience and disaster risk management strategies on-farm;
- Farmers trained the usage of irrigation pumps powered by photo-voltaic electricity systems in order to reduce costs of operating pumps;
- Farmers given access to disease resistant planting material of vegetables and citrus; and
- Capacity of nurseries expanded (installation of screen houses and equipment and sourcing of disease and climate resilient germplasm sourced)

