Integrated Water Resources Management (IWRM) Projects and Initiatives in the Caribbean

Title: Establishment of a Wastewater Pilot for Use in Agriculture

Organisation: Food and Agriculture Organisation (FAO)

Aims and Objectives:
The objective of the project is to demonstrate the value of treated domestic wastewater in agriculture through water reuse and nutrient recovery in order to increase domestic food supply, better food security and mitigate the impacts of climate change, thereby improving resilience to climate change of the agriculture sector in at least two pilot countries- Antigua and Barbuda and St. Vincent and the Grenadines

Duration: Start Year: 2014 Completion Year: 2015
Additional Comments:

Estimated Cost (USD): $115,000

Funding Source: Joint Funding by United Nations Environment Programme (UNEP); FAO; Pan-American Health Organisation (PAHO); Global Environment Facility- Caribbean Regional Fund for Wastewater Management (GEF-CREW); Global Water Partnership-Caribbean (GWP-C)

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Key Words: Wastewater; Water Reuse; Water Recycling; Climate Smart Agriculture

Geographic Coverage: Antigua and Barbuda; St. Vincent and the Grenadines

Sectoral Focus: Agriculture; Water; Environment

Target Beneficiaries: Farmers; Fisher-folk; Coastal Communities

Outputs:

- 2 Pilots established- one in Antigua and Barbuda and another in St. Vincent and the Grenadines
- Development and delivery of a training programme for farmers in water conservation, reuse and recycling to support the implementation of the demonstration pilots

Project Links and References: Information not available

Impacts:

The project outputs are expected to increase water use efficiency and domestic food security. It is also expected to improve climate resilience among small farmers

Sustainability:

- Training of farmers in the technology
- Limitation- Lack of resources

Lessons for the Future:

Information not available

Opportunities Arising from the Project:

- Establishment of more pilots
- Public Education and Awareness
- Assessment of wastewater in more countries

Further Comments:

Information not available