

ADMIRE AQUAPONICS



ADAPTATION FUND

Climate 
Innovation
Accelerator

SMALL GRANTS. BIG IMPACT.



With technical support from



and



Implementing Partner : SAMPLE Uganda Aquaculture Association

Director : Michael Kintu

Country: Uganda (East Africa)

Overview: Aquaponics Technology Distribution for Multiple Integrated Resiliencies and Empowerment (ADMIRE) Project addressing climate change induced disturbances including precipitation pattern changes which ultimately leads to reduced water availability, resulting into reduced agricultural productivity, and food price spikes.

Innovation focus: Lease-to-own model for Aquaponics Technology with linkage to credit & market via the Ugandan Parish SACCO Development Model

Impact: Great scale-up potential, focus on low income communities and women, good climate resilience building potential (6000 direct beneficiaries -60% women; 90,000 indirect community members who have acquired knowledge and skills on adaptation.

ADMIRE Primary Target

The 'Critically Food Insecure' – a poor household with no alternative to food security coping mechanisms, and has an annual income of typically \$300-\$600. The family is likely to live in a mud hut or concrete home with two rooms in which the family eats, and sleeps. **The Critically Food Insecure** purchase the ADMIRE Kit to provide insurance in times of food scarcity

ADMIRE Secondary Target

The 'Food Security Guarantor Segment'; having a higher disposable income, who purchases the ADMIRE Kit for business or charity purposes

ADMIRE Gender Focus

Every Effort is made to ensure that women are the primary beneficiaries of the increased productivity brought by the ADMIRE systems as producers & entrepreneurs

ADMIRE Affordable Water Pump

We have designed the ADMIRE manually operated hand water pump for recirculating water from the Fish Tank to the grow bed and back to Fish Tank -that does not use electricity. At cost of between US\$20-US\$25, the ADMIRE pump cuts down the upfront total cost of installing the ADMIRE micro-systems by over 50% -when installed using an electrical pump and by over 80% reduction when installed using solar pump with panels.

See short video here <https://bit.ly/3x1b5ru>



Project Preparatory Activities

A few examples of the Initial Project Activities



ADMIRE Nursery Seed Propagation Enterprises



Preparation of Affordable Grow Beds Using Plastic Waste for ADMIRE Farmers



Sample Uganda Fish Hatching for Sustainable Supplies of Fingerlings to the ADMIRE Farmers



Sample Uganda Black Soldier Fry Rearing to Supply Affordable Fish Feed Proteins to the ADMIRE Farmers

