



Project Overview

EMSAS-Hydroponics

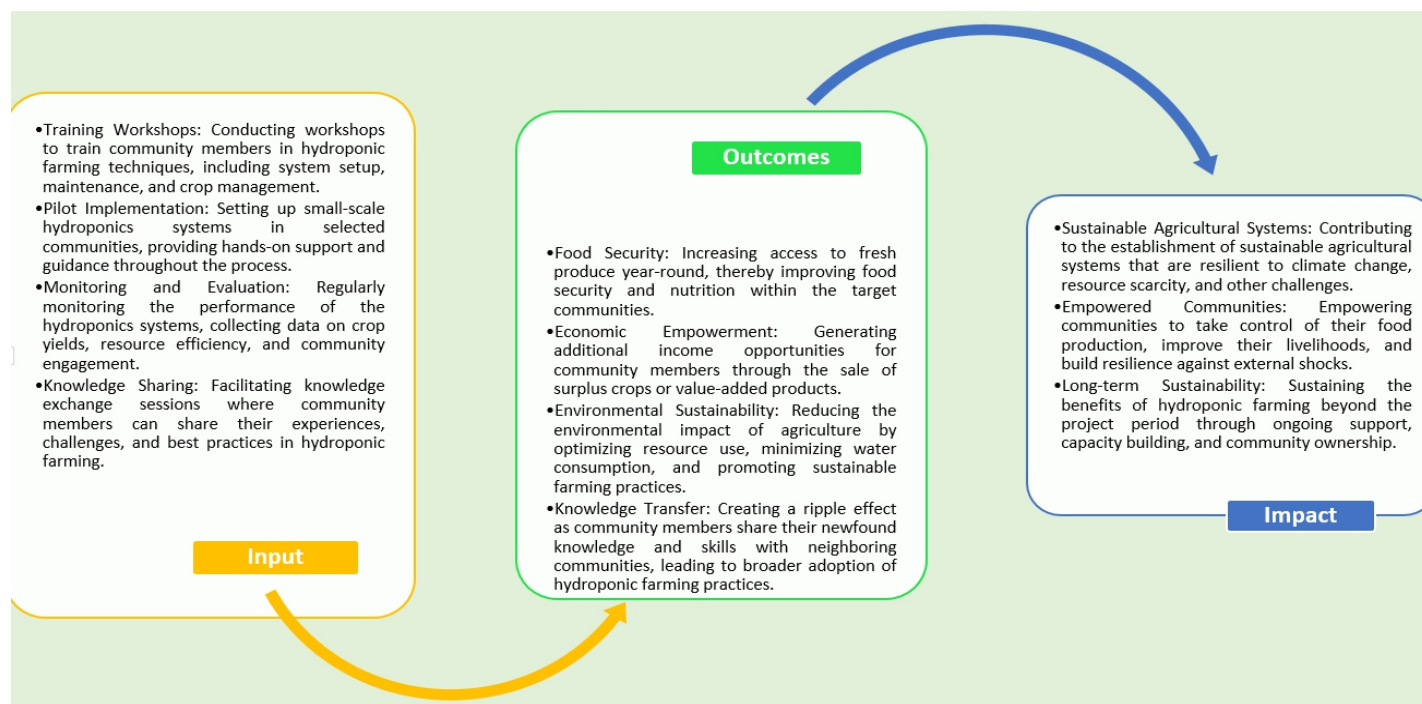
The technology concept support is a technical assistance to a sub-national agency in Nigeria and implemented at a community, Kubau Local Government Authority (LGA) with the aim of addressing climate change, insecurity and food security. It is implemented through the joint European Union - Climate Technology Centre and Network (EU-CTCN) programme - part of the EU Multi-Annual Indicative Programme for the Thematic Programme on Peace, Stability, and Conflict Prevention (2021-2027). The EU-CTCN programme aims to strengthen the resilience of conflict-affected societies by encouraging and facilitating conflict-sensitive, community-based technological solutions to climate change. The technological assistance (TA) is titled Empowering Communities with Sustainable Agricultural Systems - Piloting a Small Scale Hydroponics System (EMSAS). The main objective is to pilot a small-scale hydroponics system in Kubau LGA. Through innovative technology and community engagement, the TA seeks to enhance agricultural resilience, reduce reliance on erratic weather patterns, and mitigate conflict-driven disruptions to traditional farming practices, ultimately contributing to sustainable development in conflict-affected regions.

Project Details

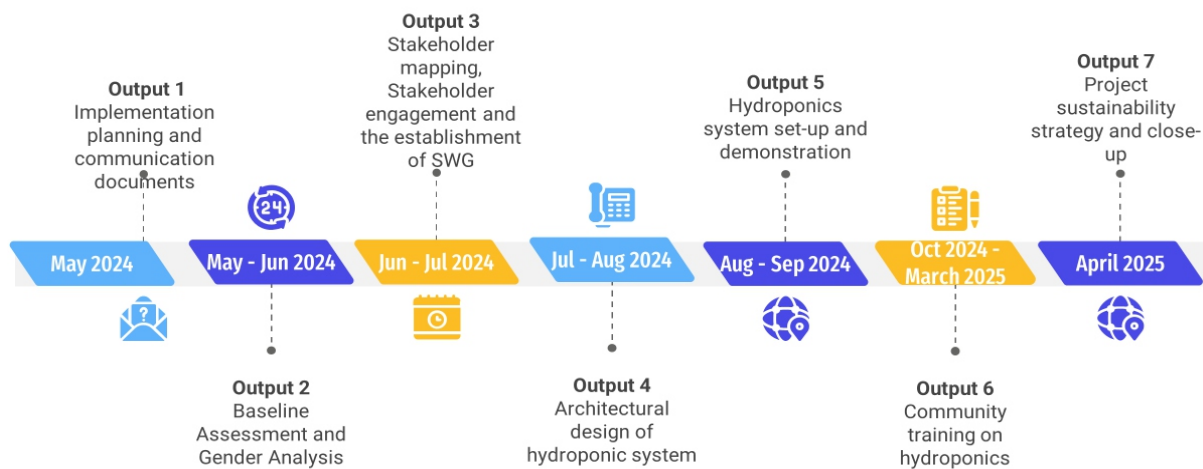
Country of Implementation	Nigeria
Project Title	Empowering Communities with Sustainable Agricultural Systems; Piloting a Small-Scale Hydroponics System (EMSAS)
Funder	European Commission/UN-CTCN
National Designated Entity (NDE)	Department of Climate Change-Federal Ministry of Environment.
Project Implementer	Green Habitat Initiative (GHI)
Project Proponent	Kubau LGA, Kaduna State
Project Period	2nd May 2024 - 2nd April 2025

Purpose: The purpose of the project is to address the convergence of challenges related to climate change, violent conflicts, and food insecurity in Kaduna State through the establishment of sustainable and innovative agricultural practices. By introducing hydroponics systems and providing training and capacity-building initiatives, the project aims to enhance livelihood security, reduce the risk of conflicts, and improve food security among vulnerable communities in the region.

Theory of Change



Timeline of Key Outputs



Key Project Stakeholders:

- I. National Council on Climate Change (NCCC)
- II. Federal Ministry of Agriculture and Food Security
- III. Kubau Local Government Area
- IV. Kaduna State Planning and Planning Commission
- V. Kaduna State Agricultural Development Agency (KADA)
- VI. National Water Resources Institute (NWRI) Kaduna
- VII. National Agricultural Extension Research and Liaison Services (NAERLS) Zaria



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