

June 2022



In partnership with the European Union



Partnership for
Sustainable
Development

“Supporting Ghana achieve food sufficiency by ensuring small scale farmers produce in environmentally friendly and sustainable commercial quantities to improve living standards and food security ”



Key Information

SECTOR: SUSTAINABLE DEVELOPMENT

LEAD PARTNER: FRIENDS OF THE NATION

OTHER PARTNERS: Tropenbos International Ghana & Faculty of Renewable Natural

DURATION: 2020 – 2024

TOTAL BUDGET EUR: 2,120,000.00

EU CONTRIBUTION EUR: 2,000,000.00



Background



This Action is designed against the background that in Ghana, agriculture is the mainstay or the anchor of the economy, with an estimated 50 per cent of the population engaged in the entire agriculture value chain. Farming provides the lifeline for the millions of livelihoods in Ghana by offering work and food. The key challenges have been the low and inadequate levels of innovative technology to enhance productivity through improvement in soil fertility, harvesting and processing. Also weak market linkages, limited financial facilities and low extension services constrain the growth in on-farm productivity.



Project Details

The overall objective of the Action is to contribute to transformation and innovation in agriculture and food systems in Ghana through action research, application of innovative technologies and organization of farmers and multi-stakeholder platforms.

The Specific objective is to foster innovation in improving soil fertility in Ghana by generating scientific knowledge and data while applying innovative technology to improve threshing of Grains and Cereals.

These objectives are in line with the specific objective of the call, which is to strengthen the Agricultural Knowledge and promote Innovation Systems through research, technology, farmer organization and policy reforms.

The Action will contribute to Agricultural Knowledge by:

- i. Identify, document and disseminate soil nutrient input requirements for specific geographical locations and targeted crops.
- ii. Share information and contribute to knowledge of options for improving soil fertility in the selected agricultural landscape.
- iii. Build capacity of farmers to make informed decisions on fertilizer application and use of climate compatible technology for improving soil fertility and crop yields.



Expected Results

The Action will deliver the following six (6) expected results to achieve the objectives:

- **Result 1:** Scientific data on specific soil nutrient deficiency established within target landscapes and knowledge for application of specific soil nutrient enrichment enhanced.
- **Result 2:** Research to assess alternatives for improved soil fertility developed and information on efficient and conducive service delivery to small scale farmers enhanced nationally.
- **Result 3:** Functional and sustainable grains and cereals threshing improvement established and productivity and income of smallholder farmers improved.
- **Result 4:** Functional Multi-Stakeholder platform established and national policy implementation influenced with Action findings.
- **Result 5:** Decent jobs created and knowledge and skills transferred to 1000 youth and unemployed graduates to provide services on the use of the Farmsense and Solar Powered Multi-Crop Thresher technologies.
- **Result 6:** Land degradation and biodiversity loss reduced, and climate change resilience increased through the uptake of sustainable land management and Climate Smart Agricultural practices at the landscape level in priority landscapes.



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