

Forbedring af Dodoma vand management til fremme af fødevaresikkerhed

Title: Improvement of Dodoma Water Management for better food security

Grant: EUR 137,200 from Poul Due Jensen Community Engagement Grant (Grundfos) (PDJF)

Period: April 2022 – July 2023

Cooperation partner:

ADDA Project Coordinator: Bjarne Christensen

ADDA Country Manager: Ove Gejl Christensen

Geographic location: Dodoma Region, Tanzania

Mail Objectives:

1. More stable as well as off season production due to water management and organic production
2. Increasing of field yield and at the same time increase income of particular seed producers
3. Introduction of small scale solar driven irrigation systems
4. Further promoting of Quality Declared seed (QDS)

Description:

In the selected areas In Dodoma area the project will contribute to poverty reduction and increased income generation through more stable as well as off season production, where market prices are higher. The investments will also increase asset to drinking water as much as possible.

The project will be working with Sunflower producing farmers (young men and women) with the goal to increase yield from 3-4 bags (65kg)/acre to 7-8 bags/acre due to small scale irrigation and increase a farmer's income significantly, potentially 2-300%. ADDA is in position of several value chain report supporting this improvement.

Farmers with well working irrigation schemes can produce 10-12 bags/acre.

Two horticultural women farmer groups have been selected in Tubugwe where the project will ensure stable all year-round horticultural production of Green Beans, Green Pepper, Baby Corn/Carrots, Chinese Cabbage, Coriander, Chilies, Tomatoes. Ongoing gravity irrigation system
Matumbulu will have Solar driven pumps from borehole to tanks and Tubugwe will be an improved gravity irrigation system for primary horticulture production. Matumbula is close to the main horticulture market in Dodoma. Still in design phase

The 3rd site in Mkoka the installation is ongoing with solar driven pump from a dam. 2 tanks will provide water to animal husbandry as a well as irrigation to QDS farmers. Farmers have shown a really high level of participation

For all three Community Developments the sustainability of the investments will be anchored with an already identified community association. Intensive training and capacity building in various agriculture areas as well as financial/maintenance will ensure the success of the investment. The selected areas have approx. 40% are women and 35% youth. These income generation and food and seed security should increase the income of the SHFs by minimum 200%. The aim is 300% due to off-season and stable production. ADDA did a comprehensive need assortment prior to selection of the 3 communities.

Tubugwe Grundfos gravity Community Development project