

CONCEPT NOTE

Eco-Irrigation and Sustainable Entrepreneurship in South Omo



Agri Service Ethiopia

+251 114 65 12 12

Addis Ababa P.O.BOX 2460 Ethiopia

admin@agriserviceethiopia.org

<https://agriserviceethiopia.org/>

Mercy Hands Europe

+41 76 703 01 13

Rue de la Prairie 19, 1202 Geneva

info@mercyhandseurope.org

www.mercyhandseurope.org

Project Summary

Name of Lead Organization: Mercy Hands Europe

Implementing partner: Agri Service Ethiopia

Name of the Project: Eco-Irrigation and Sustainable Entrepreneurship in South Omo

- Location: *Dassenech Woreda, South Omo zone, Ethiopia*
- Beneficiaries:
 - 100 direct beneficiaries
 - 500 indirect beneficiaries
- Timeframe : September 2024 - August 2025 (12 months)

Context: Dassenech Woreda, in Ethiopia, faces recurring droughts that threaten the livelihoods of rural communities, despite the presence of the Omo River. This project addresses that paradox by introducing sustainable solar-powered irrigation coupled with the creation of local agricultural enterprises to strengthen food security and economic resilience.

Objectives

Main Goal

Enhance agricultural sustainability and economic empowerment in the South Omo Zone community through innovative solar-powered irrigation technology and capacity-strengthening

Specific Objective 1

Promote access to innovative solar-powered irrigation technology for South Omo Zone community

Specific Objective 2

Train the South Omo Zone community in establishing 2 green enterprises for sustainable production of horticultural crops and livestock feed.

Total Budget : 173,977 CHF

Expected Results

Result 1: 100 beneficiaries gain access to innovative solar-powered irrigation technology supporting their sustainable agricultural production.

Result 2: 50 women and 50 men form 5 green enterprises for sustainable vegetable and livestock feed production.

Targeted Group

100 vulnerable individuals (50 women, 50 men) from Dassenech Woreda, selected in collaboration with the community, will establish two green enterprises focused on sustainable agriculture and forage production. Around 500 people will benefit indirectly.



Activities Timeline

Specific Objectives	Activities	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Objective 1	1.1. Agreement with local authorities and with communities.												
	1.2. Installation of one solar-powered irrigation device.												
	1.3. Conduct training sessions on the use and operation of solar-powered irrigation technology for the beneficiaries.												
	1.4. Assist with land tillage and furrow/canal preparation and maintenance.												
	1.5. Workshop on the maintenance of solar-powered irrigation systems for 10 beneficiaries.												
Objective 2	2.1. Develop and deliver training programs on establishing green enterprises for 50 beneficiaries.												
	2.2. Launch two enterprises specializing in sustainable livestock feed and vegetable production.												
	2.3. Distribute farm tools and inputs, including goats and seeds (tomato, onion, pepper).												
	2.4. Construct one store to mitigate post-harvest losses in commercial feed production.												
	2.5. Facilitate networking opportunities and establish market linkages for the green enterprises.												

