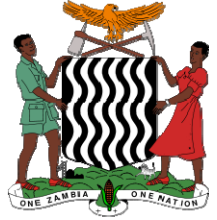




E-COBSI

Expansion of Community-Based Smallholder Irrigation Development Project



Through the series of activities in COBSI (2009-2011) and T-COBSI (2013-2017), the COBSI approach was proven to be effective to widespread smallholder irrigation all over the North Zambia. Now the COBSI approach is transferred to New Target Provinces, namely Copperbelt, North-western, and Central province. In the North Zambia called the Follow-up Provinces in the project, market oriented agriculture and nutrition improvement activity is to be emphasized in the developed site through COBSI & T-COBSI. In New Target Provinces, the activities conducted in T-COBSI are applied.

E-COBSI's Objective

The ultimate goal of this project is to enhance food security of Zambia by promoting community-based smallholder irrigation schemes.

Expected Outcomes

1. Capacity of COBSI Promotion Unit (CPU) officers is enhanced for planning and management of smallholder irrigation development schemes.
2. Current situation and challenges of agricultural production in the target areas are clarified through surveys.
3. Capacity of provincial, district and camp officers in promoting irrigation and agronomy technologies and marketing skills of farmers is enhanced for stallholder irrigation development.
4. In the model site, smallholder farmers' knowledge and skills are improved for operation and maintenance (O&M) of irrigation facility, farm management and marketing.

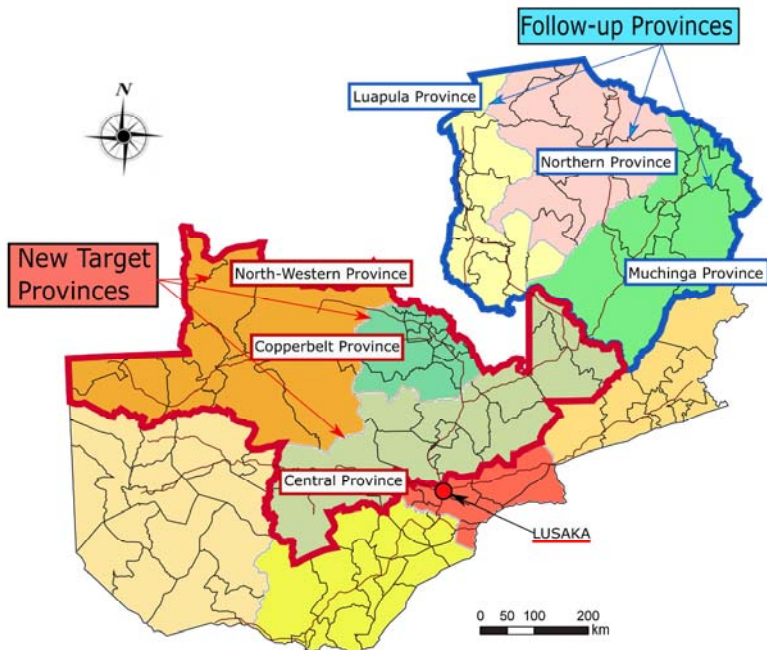
Process of E-COBSI

The project is carried out in five-year period from December 2018 to February 2024. After the Opening Workshop both in the Follow-up provinces and New target provinces in 2019, baseline survey is carried out to grasp the situation of both the provinces. Then, series of trainings are conducted for the TSB officers and extension officers through the year during 5 years. And OJT for TSB officers to learn techniques of permanent weir is planned to be conducted in 2020 and 2021.

E-COBSI Project Area

The project targets 38 districts in both the Follow-up provinces and New target provinces as shown in the table.

	Province	No.of district
Follow-up Provinces	Northern province	6
	Luapula province	8
	Muchinga province	5
	Total	19
New Target Provinces	Copperbelt province	10
	North-Western province	6
	Central province	3
	Total	19
Grand total		38



Achievement in T-COBSI

In T-COBSI, following are achieved by using simple technology.

1. Total area developed: **944.5ha**
2. No. of irrigation site: **788 sites**
3. Length of canal dug: **623.8 km (simple site only)**
4. No. of beneficiaries: **12,601 households**

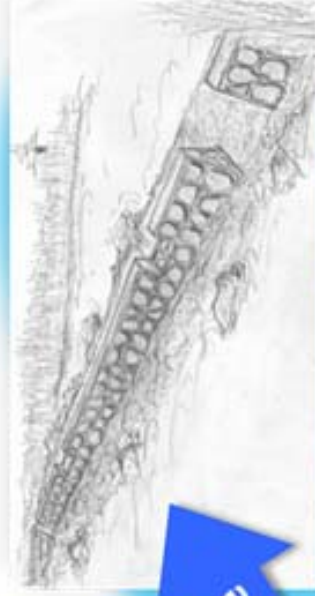
COBSI Package and its expansion

E-COBSI establishes the package of COBSI small-scale irrigation development, which consists of technical guidelines and manuals. The technical guideline includes dissemination system of COBSI approach, implementation method of training and practical know-how with visualized descriptions. COBSI small-scale irrigation development is composed of core components such as construction method of weir, operation and maintenance of irrigation facility, market-oriented agriculture and nutrition improvement

COBSI at a Glance

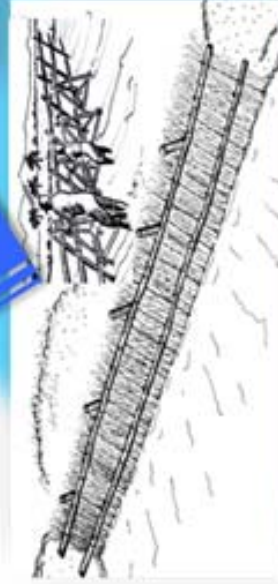
“We are able to send our children back to school”

“Now, we can buy a chicken for Christmas!”



Permanent Structure

Stabilization of irrigated agriculture



Simple Structure

Wider expansion of irrigated area

COBSI focuses on a capacity development through upgrading of irrigation schemes