

**Fish Farming Training started in Copperbelt Province**



Day 1



Day 1



Day 2~3



Day 2



Day 3~4



Day 4

The fish farming training was held for four days in Mwekera, Kitwe District (Copperbelt Province)

From 25<sup>th</sup> to 28<sup>th</sup> October, E-COBSI Project Team implemented a fish farming training for a farmers' group at E-COBSI's district model site in National Aquaculture Research Development Center (NARDC), Copperbelt Province. The project is aiming to improve the nutrition status of the people by introducing aquaculture and fishponds construction. In Northern Province, Lupososhi District are also implementing the fish farming training. NARDC is a national aquaculture center upgraded by a JICA project in 1998. There are more than a hundred various fishponds for research, training, stocking etc.

From Kalulushi District, five farmers, a CEO, a FNO and a TSB officer participated into the training. In addition to those trainees, Mr. Sampule (a Senior Irrigation Officer) and Ms. Sarah (a Senior Food Nutrition Officer) also joined as CPU members with Ms. Ai Nagino, an expert of E-COBSI. The trainees learnt basic knowledge from overview of fishponds to techniques of site selection, pond design, and management of fishponds. In addition to lectures in a classroom, the participants learnt practical skills in the field by practicing them in fishponds for training. All the trainees were given certificates of participation from NARDC in the end of the training.

The week after the fish farming training in NARDC, the farmers and district team in Kalulushi District went back and started a construction of a fishpond in their district model site. Ms. Ai Nagino also visited the site and confirmed the construction site, active members who will join to the construction, and its schedule. This fishpond is going to be managed by the farmers' group. Therefore, the project team emphasized an importance to discuss about how to share costs and harvests, and preparation of sub-group and By-law of the fishponds before the construction as a group activity.

## Monitoring of District Model Site in Muchinga, Northern, Luapula and Copperbelt Province

E-COBSI Team members have been conducting a monitoring survey for the activity of 2022 for E-COBSI district model sites in the Target Provinces (Northern, Luapula, Muchinga, Copperbelt, Central and Northwestern Province) since March 2022. Continued from the last month, the project team conducted monitoring according to the observations from the last visits.

Ms. Ai and Mr. Mizuno, team members of E-COBSI, visited eight districts (Muchinga: 4, Northern:1, Luapula: 1, Copperbelt: 2). The project team observed that most of districts shared budgets (or materials) for demo plots. In Nakonde District, farmers District started to grow Carrots additionally after Impwa which is a target crops in their demo plot to expand their activity. On the other hand, a farmers' group in one of the model sites has not received any budget for a demo plot yet, so the project team asked the district team to confirm it through CPU members. Besides, the project team found that most of members relocated from the district model site in one of the districts. This seemed to be because there were misunderstanding between a district team and the members who expected some input from the project. At last, the district decided to change the model site to another site to implement a demo plot activity.



Mr. Nelson Phiri, a Senior Irrigation officer, conducted monitoring and gave technical advises to farmers with Mr. Mizuno in the district model sites (Muchinga Province).

## Cooking demonstration in Nsama District, Northern Province

Ms. Elizabeth, a Senior Food Nutrition Officer in Northern Province, held a training to farmers for nutrition improvement with Ms. Ai Nagino, a SAO, a SMDO, and a CEO in Nsama District. In the training, the project team taught a new handy scale method “*Tebakari Eiyoughou*” which introduced in MTT 2022. The farmers experienced how to measure necessary

amounts of beans, caterpillars, small fishes, milk, and vegetables per day by practicing the method with the foods which the officers brought.

After the lecture, the team conducted a cooking demonstration. In addition to the basic foods, the team introduced how to make soymilk as an alternative food instead of cow milk because dairy is not so popular in Northern Province.



Ms. Elizabeth and the district team introduced the new handy scale method “*Tebakari Eiyoughou*” to the farmers in Nsama District (Northern Province).

## Permanent Weir Construction in Copperbelt, Central and Northwestern Province

Since August, master trainers from Follow-up Province have been supporting constructions in New Target Provinces. Especially, in Mukusi District (Copperbelt Province), Dr. Sagawa, an irrigation engineer of E-COBSI, monitored the progress of the construction in Mufulira, Kasempa, Mkusi District. The district team in Mkusi got more participants for the construction after a meeting with the farmers although they were behind schedule due to lack of labors. So, the project expects that the construction will be accelerated more from this month.



Stone masonry work in Mkusi. The project team is using a pump to drain water coming out of a ground. (Central Province).