

TECHNICAL *FINAL* REPORT

to NC-IUCN Small Grants Programmes

Please send the electronic version of the reports to <kum@iucnsl.org>¹

Project and report identification

NC-IUCN Small Grants Programme: TRP / SWP / DAS / other _____

Name of organisation: Human & Environment Link Progressive Organization (HELP-O)

Report submitted by (name and position): Fazlan Fahir (Project Coordinator – HELP-O)

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Project no.: PP/Galle/008

Project title: Improve people's health and infrastructure through constructing a channel

Total project duration² and budget: 3 months _ Rs. 1,569,514

tick here if this report has been revised upon request by NC-IUCN

Report submitted by (name and position):

Fazlan Fahir
Project Coordinator (HELP-O)

Date:

NOTES

- 1) *please do not exceed 15 pages for this report. In case you really need more space, then add text as annexes.*
- 2) *consider the entire project period, not just the period since the last progress report.*
- 1) *tables: add columns if needed.*

Summary of results of the project (in English, no more than 250 words):
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¹ In case of attachments that cannot be sent electronically, a hard copy can be sent to Plantage Middenlaan 2K, 1018 DD Amsterdam, NL

² Please indicate the starting and final date of the project as stated in the contract.

Project for Construction of Channel in Katugoda to Ameliorate people's health and infrastructure



Introduction

People in subjective area had been facing lots of problems due to waste water discarding channel system in Katugoda village in Galle district. There was no proper water flow in the channel due to several facts so that the waste water which gathered from several parts of the village was steadfast for many weeks. Therefore, people have been facing various serious problems with mosquitoes, bad smell, risk of diseases, flooding and soil erosion by the channel due the above conditions of the water flowing.



Channel with waste water

Main causes for the issue

1. Destruction of that channel due to Tsunami
2. Steadfast of water in the stream
3. Static solid waste in the channel and unusual depth of the channel

Objectives

1. Improve the infrastructure and health of villagers
2. Assist with the environmental protection and finance of the people.
3. Create awareness among villages on environment protection and waste management.

Approaches & Strategies

HELP-O received many appeals from the villagers and their field officers for finding a solution to this problem. Then HELP-O submitted a project proposal to IUCN-World Conservation Union a participatory approach. As a matter of fact The IUCN Sri Lankan office was pleased to make a grant to HELP-O to undertake the construction of the project and awareness raising process in Katugoda, Galle.

One of the main strategies we followed is collaboration with local authorities including Galle Municipal Council. The collaboration with Galle Municipal Council, Health Department and Environment Department attribute to approach the objective of project more effectively.

The main activities of the programs were prioritized according to the suggestions of villagers. The community participation for the implementation has made a bigger impact to rapid the construction and maintenance of the channel.

“Shramadana” Campaign

Villager’s interest of implementing this project was apparent from the Community participation for cleaning the background of the channel in order to prepare the background of the channel ready to initiate construction. More than 130 villagers were participated for the “Shramadana Campaign” and effectively contributed their effort to make the task successfully.



Villagers at “Sramadana Campaign”

Despite their ethnic, gender, age, social status, the people in the village participated to the cleaning program.

Construction

Construction of the channel was made by employing villagers by the channel side to assist with their income generation. It is proposed to construct 75 meters of the Channel from the Akuressa Road culvert towards the direction in to the village. It has constructed with 4 feet width and about 1.5 feet up from the road level.



Before the construction



After the construction

Even it proposed to construct only 75 meters, HELP-O has constructed about 125 meters of the channel and planning to construct whole channel. Since the Human & Environment Link Progressive Organization (HELP-O) formed to care environment and Human rights, a column on the wall of the channel has constructed in order to plant some flower for a green view. About 150 families directly benefit from this construction.



Additional part before construction



Additional part after construction

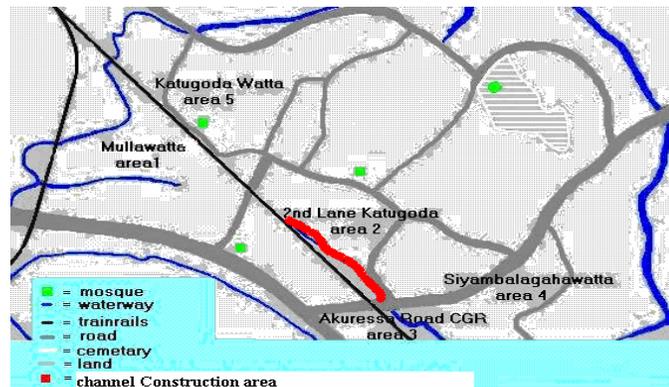
Water flow of the channel in the constructed portion has regulated by filling clayey on surface. It would be better if we could lay concrete on the bottom of the channel. But due to the limited budget available, HELP-O was taken that activity back to make it in the future.

Additionally, HELP-O was able to put concrete foot bridge to some houses near the channel for their up and down movement and transportation for their houses.

Awareness Program

We accept that both physical improvements with mental improvement through raising awareness instruct people towards a sustainable developing process. Thus HELP-O has undertaken to conduct an awareness work shop for about 150 villagers in Katugoda under following topics.

- * Costal Economy
- * Environment Protection
- * Waste management/disposal



Feed back from the villagers on this program was in a satisfactory level and we were requested to conduct more awareness program in this village on environment protection. These villagers also proposed us to distribute garbage bins for solid waste sort out system.

Lesson Learned

1. Collaboration with Local Authorities, Municipal Council, Non government Organization and other relevant institutes attribute for the success of a program.
2. Community Participation is an important and essential aspect we need to follow when implementing a successful project.
3. Sustainability of the program depends on corporate contribution of every parties.



I PROJECT PERFORMANCE

1. Did the project meet its goals, objectives and results? Compare with each of the GOALS, OBJECTIVES and RESULTS from the approved project documents.

OBJECTIVES			
	1 Construct channel for a proper water flow	2. Stop the soil erosion by the channel	3. Assist people in that village through employing them
Did the project accomplish its objectives? Which changes in the <i>indicators for the objectives</i> (see project document) support your assessment?	The objective is achieved by constructing the channel for 115 meters long. The channel was levelled by filling soils and levelled it, Therefore, the water flow in constructed area is become actuate.	Construction of 4 feet height walls of the channels benefits the environment by stopping the soil erosion by the channel.	The background cleaning, labouring for construction and levelling of the channel were benefited by employing villages helped with their livelihood.
In case the objective has not or only partially been accomplished, please explain why.	As the channel was to construct for 125 meters, the beyond area still have problems with water flow.		It was proposed to employ 10 villages for constructing the channel, but normally 5 villagers have worked per day as the constructions were to be done randomly.

Please discuss to what extent meeting the objectives has actually contributed to meeting the OVERALL GOAL of the project (for instance, if the overall goal of a reforestation project is to relieve pressure on nearby natural forests, then it is still possible that reforestation was successful, but that the pressures continue).

The overall goal of the project is to Improve the infrastructure and health of villagers. The activities have directed to achieve following objective,

1. Stop the soil erosion by the channel.
2. Construct channel for a proper water flow.
3. Assist people in that village through employing them

Stopping soil erosion and constructing the channel directly helps with improving the infrastructure and health. Steadfast of water cause to raise various health risks and it was reduced by facilitating a proper waste water flowing system. Constructing the channel without stopping the soil erosion will cause to damage the water flow in the future. Therefore, by constructing the walls by the channel, it is helpful to continuous of water flow system by stopping soil erosion. This helps to reduce the heath issues and to improve the health level of the villagers.

The roads by the channel have developed by constructing the channel up to 4 feet height.

As we have employed villagers they have worked hard to do it their best, because this program benefits them itself. Therefore, these objectives attributes towards achieving the overall goal of the project.

Main RESULTS			
	1. Channel of 75 metres long.	2. Improvement of Health and infrastructure of villagers	3. The temporary employment for about 15 villagers
Have the expected results been achieved? Which changes in the <i>indicators for the results</i> support your assessment?	The channel has constructed about 125 meters long which is additional 40 meter than the proposed 75 meters.	After constructing the wall of the channel we were able to improve the infrastructure including some roads and bridge paths for villagers. The reduction of dirty water existence, mosquito generation, garbage retaining in the channel, etc. were reduced and thus this will assist with risk reduction of health.	Many villagers were employed at the construction of the first 100 meters of the channel.
In case the results has not or only partially been achieved, please explain why.			As there were some problems arose with the efficiency of labours who were taken from village, we had to follow contract basis for the construction of additional 15 meters. But there were also many villagers employed.

FURTHER COMMENTS ON OBJECTIVES AND RESULTS

You can use this space to reflect on the logical links between objectives, results and activities (since carrying out the planned activities is no guarantee that the results have been achieved, just as achieving the results does not guarantee that the objectives are met – whether or not this was the case can best be judged at the end of the project).

Results of the project are almost met the objectives through after effectively implemented the activities.

1 Construct channel for a proper water flow was one of the three objectives which were addressed by the project. In order to acquire that objective we have leveled the channel as a one of the activities. The result of these activities attributed to regulate the water flow.

Suggestions: It would be very effective if a concrete layer for the bottom of the channel has laid.

2. Stop the soil erosion by the channel was another objectives targeted. This intention was addressed by constructing the walls of the channel as an activity as well as the community awareness program. It resulted of a construction of 125 meters long waste water discarding channel.

Suggestions: Placing waste bins by the walls of the channel for organic fertilizer production by organic waste would be useful for plants which have planted on the channel wall. There should be a system for organic waste management to do so.

3. Assist people in that village through employing them was the next objective which was achieved through this project. We have employed labors from the village and masons from out side. But when we were employing villagers on daily basis payment, we have faced some problems with efficiency of the construction. Therefore, in order to maintain efficiency, we have come across with labor contract concept. It result a rapid and efficient output.

Suggestions: It is very effective to contract only labors and provide materials to the site.

2. Activities completed

It was proposed to actuate 3 main activities within the project as follows;

1. Level the channel.
2. Awareness and mobilization programme
3. Construct the wall of the channel.

Level the channel

It was very important to fill the channel with soil and level as it was dug recently after the tsunami disaster. The channel was with about 5 ft depth so that water in the channel was steadfast for a long time without flowing.

We have filled unusual depth with clayey soil up to a significant extent. After filling the water flow is regulated.



Awareness and mobilization program

An awareness workshop was conducted with the participation of about 200 villagers covering some important issues that present society facing with.

- * Costal Economy
- * Environment Protection
- * Waste management/disposal



Construct the wall of the channel

This is one of the main activities essential to be completed. First we have taken care of the debris and scraps in the channel to prepare it for construction. It was done with the participation of more than 100 villagers.



There after we have started to construct the walls of the channel with the participation of village labours. It was proposed to construct only 75 meters of the channel but as we were able to reduce the cost and done it with our supervision, we have entered in to construct further additional 40 meters of the channel.

The wall is 4 ft in height and 1.5 ft width. Rather than leaving the surface of the wall flat, we have facilitated it to plant some flowers on it to add a natural value for the channel.



3. **Outputs** (list and attach copies of any written materials produced by the project)