

# Aleimar

Insieme ai bambini del mondo

## PROJECT "WATER FOR ALL"

**Buying manual water pedal-pumps for irrigation and  
building wells for drinking water**



## **AREA OF INTERVENTION OF THE PROJECT**

- Health
- Education (*this is because it teaches the person to be autonomous*)

## **SOCIO-ECONOMICAL CONTEXT AND NEEDS ANALYSIS**

### **Area of Chimwala in the centre of southern Malawi**

Malawi is a state which is found on the oriental coast of Africa, confining at the southeast with Mozambique, and to the north with Tanzania and to the west with Zambia.

In the area of Chimwala, which comprises of 112.000 people distributed in 25 villages we find Mangochi, a well-known town in the south of Malawi.

Malawi, even though it has natural resources, remains one of the poorest countries in Africa with a high percentage of children suffering from malnutrition.

In Malawi Father Kimu has started around 20 projects, all of which are directed at the weakest and defenseless people. A lot of attention is made towards women and children.

The experience of teaching brought Father Kimu to think about one of the main causes of poverty in Malawi is the lack of education and teaching. Thus, that is why in his various projects, great attention is made towards education and teaching.

Among the various projects we find one linked to the Project Maize and it involves the use of manual pedal pumps in the villages situated on the banks of a lake.

In a country like Malawi, in which there are lakes and rivers in abundance, Father Kimu says that three harvests instead of one could be easily accomplished by simply using the manual pedal water pumps.

The families which receive the **pedal pumps for irrigation** grow crops of maize and sew vegetables. Apart from the family's own use, the farmers have the possibility to sell part of their harvest.

This instrument is an indispensable asset for the cultivation of the future harvest of the year and which permits the village to live and survive.

In addition to the pedal pumps for irrigation, the second problem to cope with is access to drinking water. Very often there are no wells in the villages and people are forced to collect water in small streams or in rainwater collecting tanks. Various medical statistics show that among children who die before the age of five, one in five dies because of diseases related to the use of polluted water. Hence the need to **build wells for drinking water**: bringing water to these villages would not only be of great benefit to the health of families in that area, but also a great help to prevent the spread of cholera and to take care of hospitalized people.

### **General Objectives**

- 1) Ensuring access to drinking water for families;
- 2) Increasing food security, reducing the onset of diseases;
- 3) Ensuring families three crops a year thanks to a more efficient exploitation of the fields (pedal pumps and fertilizers);
- 4) Ensuring men and women economic independence and increasing their responsibility, especially towards children.

**Specific objectives:**

- 1) To buy 10 pedal-pumps for irrigation
- 2) To build 2 wells in one year

**Beneficiaries:**

Adults and children who live in 25 villages in the District of Mangochi independently from their social, tribal or religious condition.

**Foreseen activities:**

- 1) To build at least 2 wells.
- 2) To buy manual pedal pumps for irrigation.
- 3) To teach men and women how to use the instrument.
- 4) To supply fertilizer for the earth.
- 5) To monitor the harvest which the fields yield with good management.
- 6) To supply maize to the families which live in the district of Mangochi.
- 7) To monitor the nutritional state of the children.

**Expected results:**

- 1) To improve the working of the fields.
- 2) To improve the maize harvest.
- 3) To reduce the percentage of the population, especially children suffering from malnutrition.
- 4) To prevent the beginning of diseases.

**Length**

This project has been idealized for one year and can be repropose again in time.

**Economic Plan:**

A pedal pump for irrigation in Malawi costs 220 \$. To this, is added the cost of the seeds, fertilizer and pesticides for each beneficiary which corresponds to 110 \$. We propose the acquisition of 10 pedal pumps for a total sum of 3300 \$.

**ROLES AND FUNCTIONS IN THE REALIZATION OF THE PROJECT****Local project Manager**

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**Way of monitoring:**

Reports from the local referent in Malawi.

Monitoring by the project manager during the annual trip to supervise the projects.

**Sustainability:**

After buying 10 pedal pumps for irrigation we can guarantee 10 families will be able to produce enough food to eat for a whole year. A family composed of around 10 people, means therefore feeding 100 people.



*An inhabitant of the village of Nkuanda at work in the fields*



*Families who have received the pedal pumps so far*



*Father Joseph Kimu*