

FINAL REPORT ROTARY PROJECT WITH SUPPORT FROM U-FONDEN (ROTARY  
DEVELOPMENT FUND)

Number of application: 2015

Title of project: Emulua Child Development in Kenya.

Rotaryclub: Stockholm city ( fd Stockholm-Ladugårdslandet)

Start of project: 2021-03-01

End of project: 2021-12-31

Amount approved: 25 000 SEK

BACKGROUND:

A community assessment in villages in Vihiga and Siaya has revealed a high level of malnutrition among children below five years (90%), leading to high morbidity and mortality. The cause is multi factorial- 1. low harvests due to soil infertility, small land, soil erosion and lack of nutritious crops 2. lack of knowledge of nutrition and health care 3. low availability of health centers/ hospitals.

This project is multi sectoral to improve agriculture, nutrition and health in a coordinative way.

IMPLEMENTATION:

We focused on two villages, Ebulonga in Vihiga and Kanyumba in Siaya- totally 38 target families in the first line.

March:

Training in children´s rights, nutrition and healthcare (Abigael Asigi)

Training in agriculture (Violet Wawire, MoA). Distribution of nutritious crops, fertilizers, nitrogen fixing crops like Calliandra (for increased soil fertility , environmentally friendly through carbon- and nitrogen fixation, weed control, erosion control, fodder and firewood).

Training in weeding, topdressing and harvesting. How to intercrop maize and beans for better fertility. Compost pit making.

Distribution of nutritious crops:

Sweet potatoes- the golden crop- for vitamin A to increase immune defense and reduce infections.

Groundnuts- for protein and fat.

Indigenous vegetables for iron to prevent anemia and magnesium and zinc for growth.

Calliandra and banana trees against soil erosion.

Preparation for dairy goats- training in goat care, building of goat pens, fodder.

Distribution of Kenbro poultry- two hens and one cock for each target family.



Weighing and monitoring of target children. Health examination, deworming and HIV testing of target children and their parents, referral to hospital if sick (totally 34 children were HIV pos). Distribution of mosquito nets.



April-May:

Setting up kitchen gardens. Top dressing.

Distribution of dairygoats (8 does+2 bucks). The goats were selected at the Dairy goat farm by Dr Alex Omwela( Ministry of agriculture and livestock), who also health examined the goats, vaccinated and sprayed and hoof trimmed them and got registration including cards in Dairy Goat Association of Kenya. Training of one goat coordinator in each village.



June:

Harvests of beans and sweet potatoes.



Mating of dairy goats.

July- October:

Harvest of maize and cassava.

Egg production and chicken for multiplication.

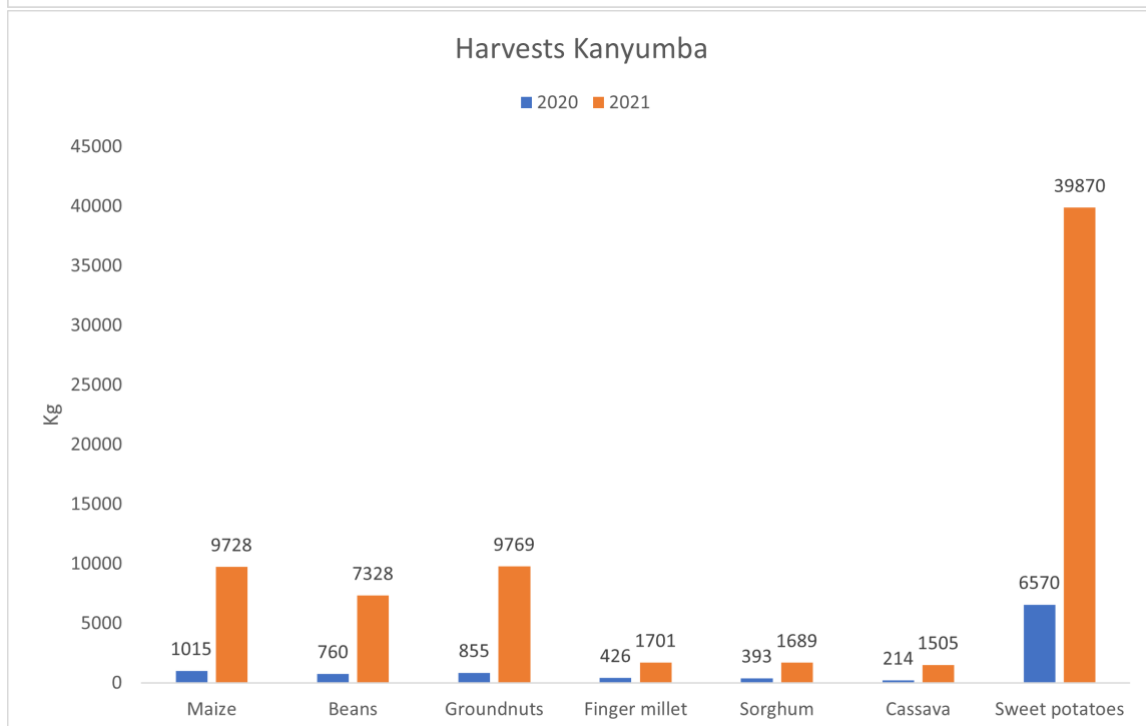
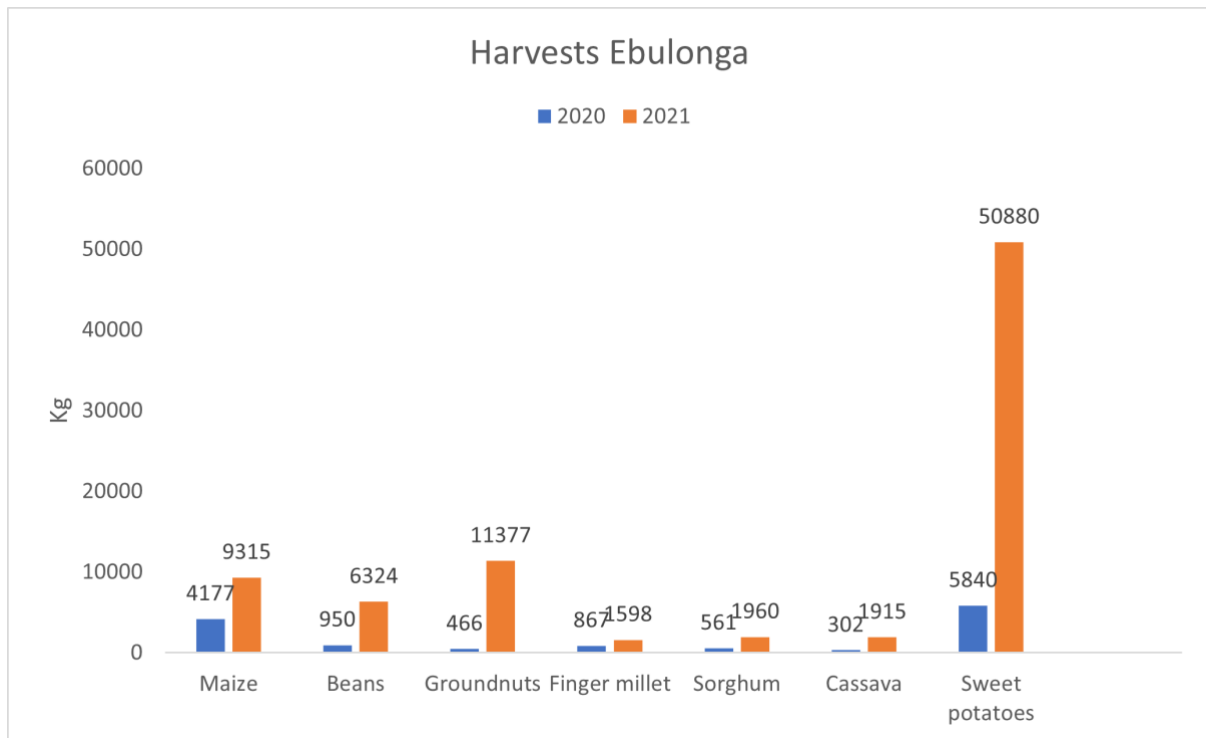
Preparation short season crops.

November-December

Harvest groundnuts and sweet potatoes.

**RESULT:**

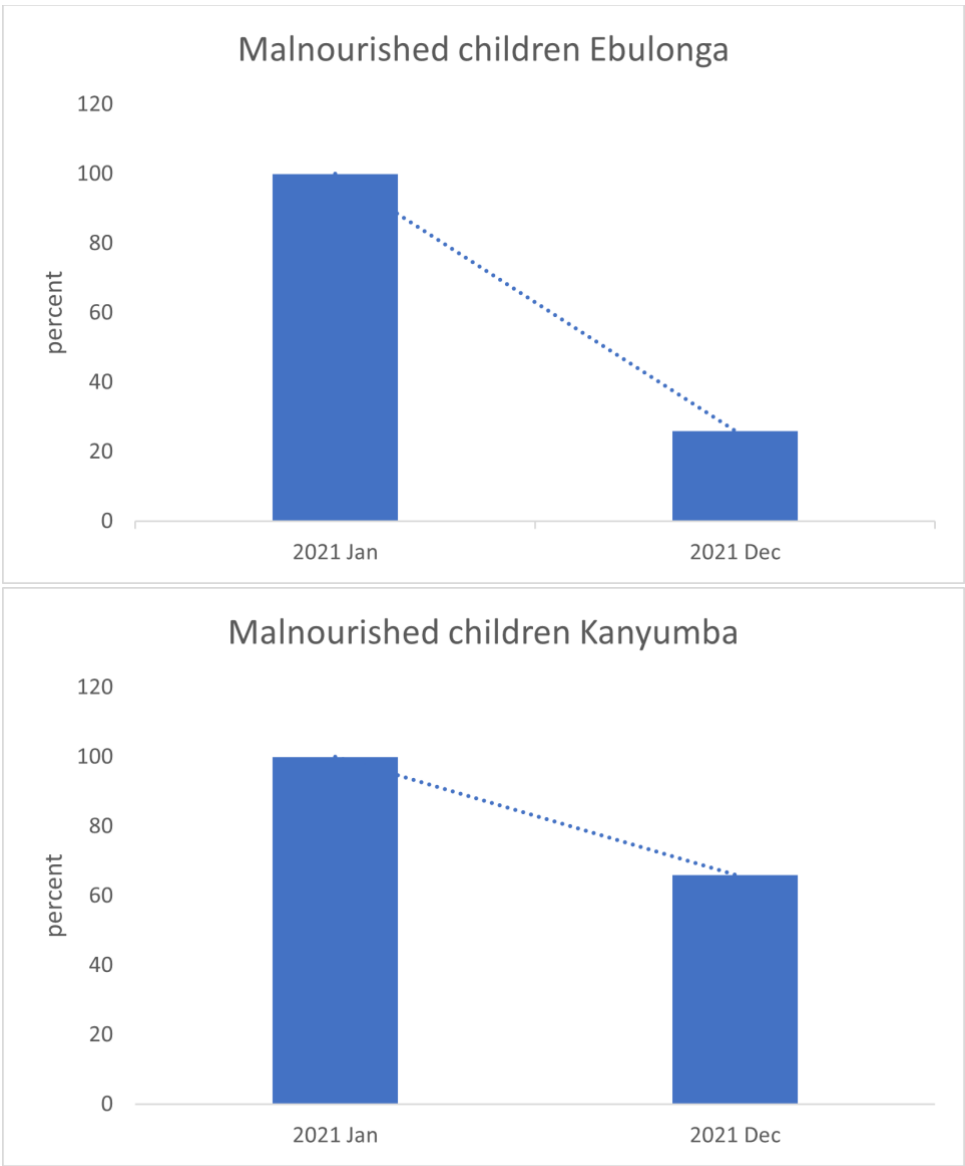
The harvests increased eight times- see diagrams. The sweet potatoes did so well people in Kanyumba plan to hire 10 acres of land next year with expected yield of 20 tons annually for subsistence and local market.



The original ten (in project) + five (private gifts) goats have multiplied to another fifteen, that will be given to second line of target families after four months. Target children get goat milk since November.

The Kenbro poultry is giving eggs and chicken for consumption and sale as well as upgrading of neighbours' local poultry.

The children are growing, have been healthy during the year- except one child that died in June for unknown reason. 21/38 target children are no longer malnourished- see diagrams.



The result have been better than our expectations.

Collaborating organisations:

1.Emulua organisation.

Kenyan project leader Abigael Asigi has been responsible for coordinating the field work, most of her time spent out in the villages. She is highly appreciated among villagers and collaborating organisations and has a broad network also in schools, churches , hospitals and among community health workers- giving her knowledge from grass root level.

George Kweya, assistant project leader.

## 2. Maseno Rotary club.

Our project leader Abigael Asigi has had a close collaboration with Maseno club, whose members have been participating in field work and we have now been approved for a Global grant, "Maseno Food for life" - Jan 2022- March 2023, focusing 150 target families in three villages in Vihiga and Kakamega districts.

## 3. Ministry of agriculture and livestock.

Dr Alex Omwela has been working closely with Abigael and participated in outreach programme with trainings in agriculture, advising in suitable fertilizers and crops as well as selecting goats and poultry and training in goat- and poultry care. As a member of Dairy Goat Association of Kenya he will also secure continued health and breeding of the goats.

## 4. Ministry of health.

Mrs Roselyne Wekesa, enrolled community health nurse, has also been closely working with Abigael, including outreach to give effective and appropriate training in nutrition and health care as well as health examinations of our target children and coordinating and overseeing of treatments.

We are very grateful for their professional inputs in the project.

Experiences from Rotary perspective:

Positive: Good collaboration with Maseno rotary club. Approval of Global grant for extension of the work in new areas.

Number of Rotarians participating in the project:

Stockholm City RC: Dr Charlotte Almkvist, project leader. Project group: Per Smeds, assistant project leader, Christian Juul, treasurer, Britt-Marie Bertilsson, chairman, Agneta Söderlund, president, Jeanine Liebrecht, Fredrik Lindgren.

Maseno RC: Tom Amakoye, team leader, Chris Mabwe, treasurer, Samuel Njuguna, president, Roselyne Mbeya, retired nurse/ nutritionist, Dommy Adhiambo, president Rotaract

The two clubs have had regular zoom meetings during the year to discuss the work and agree upon the way forward.

## EVALUATION:

### Positive:

The increased harvests exceeded all expectations. This gives the families food security and a surplus to sell. The climate was favourable during 2021 with no floods or droughts.

The food security is the platform for children's adequate nutrition and improved health.

## EKONOMISK REDOVISNING

	<u>Intäkter</u>
Bidrag från egen klubb, Stockholm-City	31 500 SEK
Bidrag från annan klubb, Sergel	5 000 SEK
Bidrag från U-fonden	25 000 SEK
Summa	61 500 SEK

Typ av kostnad	<u>Kostnader</u>
Jordbruksprodukter	17 000 SEK
Utbildning	11 000 SEK
Getter, inkl hus, vaccin, vitaminer, salt	21 000 SEK
Höns, inkl vaccin, foder	6 000 SEK
Transporter	6 000 SEK
Hälsovård	500 SEK
Summa	61 500 SEK