

The Rufford Foundation Final Report

Congratulations on the completion of your project that was supported by The Rufford Foundation.

We ask all grant recipients to complete a Final Report Form that helps us to gauge the success of our grant giving. The Final Report must be sent in **word format** and not PDF format or any other format. We understand that projects often do not follow the predicted course but knowledge of your experiences is valuable to us and others who may be undertaking similar work. Please be as honest as you can in answering the questions – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Please complete the form in English and be as clear and concise as you can. Please note that the information may be edited for clarity. We will ask for further information if required. If you have any other materials produced by the project, particularly a few relevant photographs, please send these to us separately.

Please submit your final report to jane@rufford.org.

Thank you for your help.

Josh Cole, Grants Director

Grant Recipient Details	
Your name	PENINAH ALOO- OBUDHO
Project title	Establishment of a Botanical Garden and Nature Trail for Environmental Education and Community Awareness Creation at Karatina University, Kenya.
RSG reference	17942-1
Reporting period	August 2015 to September, 2016
Amount of grant	£4,850
Your email address	alopenina@yahoo.com OR obudhoaloo90@gmail.com
Date of this report	3 rd October, 2016

1. Please indicate the level of achievement of the project's original objectives and include any relevant comments on factors affecting this.

Objective	Not achieved	Partially achieved	Fully achieved	Comments
Carry out baseline survey on the biota of the land to be converted to Botanical Garden and Nature Trail			X	The study revealed the diversity of plants and animals in the land for Botanical Garden.
Establish Botanical Garden and Nature Trail		X		Although the tree planting is complete, there were omissions on materials for fencing and putting up resting shades. This objective is not fully achieved
Establish Nature Clubs in selected 10 primary schools-			X	This is over achieved because the project planned for 10 clubs but 25 have been established. Each school has a tree nursery
Establish a demonstration tree nursery in the Botanical Garden			X	A demonstration nursery has been established with indigenous tree seedlings. Seedlings have been distributed to the primary schools.

2. Please explain any unforeseen difficulties that arose during the project and how these were tackled (if relevant).

I had not anticipated that the nature clubs would require tools to prepare the tree nurseries. I had to reduce the budget to buy each school simple tools. Secondly, I had planned for 10 schools in Mathira Sub-County in Nyeri. The local leadership said we had to include the other three sub-counties of Othaya, Tetu and Kieni. This overstretched the budget and consumed a lot of time because the clubs had to be launched in each sub-county. The project now has 25 primary schools with fully functioning Environmental Clubs.

3. Briefly describe the three most important outcomes of your project.

The three most important outcomes are:

a) Environmental Clubs have been established in 25 primary schools. Each of the schools has a tree nursery and land has been allocated in the school compound to plant the seedlings. Hence each school will have a small forest of indigenous trees.

b) Karatina University has established collaboration with the County Government of Nyeri and the Kenya Forest Service. During the celebration of the International Day of the Forest in March, 2016, a partnership was established between the three institutions. Already Memorandum of understanding is being developed between Karatina University and Kenya Forest Services.

c) A Tree nursery has been established in the University. This is part of the Botanical Garden which has not been completed. Fencing of the garden is yet to be done in addition to two resting sheds to be constructed.

4. Briefly describe the involvement of local communities and how they have benefitted from the project (if relevant).

Twenty five local primary schools have established Environmental Clubs. The local education officers now work closely with Karatina University on the project. The launching of the clubs in selected schools took the university to these schools and gave the pupils and teachers an opportunity to interact with university staff and know more about the university. In addition, patrons for the Environmental Clubs had a rare opportunity to come for a 1-day workshop in the university. They commented that they have been seeing the university from far but the project has given them the opportunity to ride in a university bus and enter the compound of the university.

5. Are there any plans to continue this work?

YES. There is monitoring and evaluation of the established clubs. Primary school head teachers who were not selected appealed to the Team Leader during the last launch that they should be considered during the next phase of the project. There are plans to established Environmental Clubs in all primary schools in Nyeri County. The project team wishes to roll out the project in all the 47 counties in Kenya. However, the immediate plan is to add two more counties after Nyeri.

6. How do you plan to share the results of your work with others?

I will present the results of this project with relevant government authorities by sending briefs to their offices. I also plan to present the results in a conference and in university seminars. Due to media coverage, the results have been shared with

Kenyans through newspaper articles (attached). I also intend to hold a meeting with the local leaders.

7. Timescale: Over what period was The Rufford Foundation grant used? How does this compare to the anticipated or actual length of the project?

The project has run for 13 months which is only one month beyond the actual length of the project.

8. Budget: Please provide a breakdown of budgeted versus actual expenditure and the reasons for any differences. All figures should be in £ sterling, indicating the local exchange rate used.

Item	Budgeted Amount	Actual Amount	Difference	Comments
Subsistence in the field	1,000	1500	500	Technical staff and one assistant were added to assist in actual establishment of tree nurseries in schools
Workshop for Patron of Environmental Clubs	800	500	300	The 300 were shifted to purchase of tools for Environmental Clubs
Purchase of seeds	150	150	0	
Purchase of farm equipment	200	200	0	
Workshop materials	200	200	0	
Payment of casuals	750	750	0	
Transport hire	1200	1200	0	
Video camera	150	200	50	Price of video camera was understated
Desktop Computer	500	532	32	The price of the computer was understated
Nature Trail	0	400	0	Not included in the budget
Materials for seed beds in primary schools	0	500	500	Not included in the budget
Tools for establishment of tree nursery	0	0	300	Was not included in the budget
Total	4,950	6132	1682	

9. Looking ahead, what do you feel are the important next steps?

The important steps that I would like to take next include:

- a) Follow up visits to the schools with Environmental Clubs to check on their progress.
- b) Training of the remaining patrons who did not attend the training because their schools were doing examinations so they could not make it.
- c) Development of Memorandum of Understanding with Nyeri County, Ministry of Environment, the Kenya Forest Service and the National Environmental Management Authority.
- d) Sharing results of the project with University Vice-Chancellor and other staff members in the university.

10. Did you use The Rufford Foundation logo in any materials produced in relation to this project? Did the RSGF receive any publicity during the course of your work?

Yes, we used the logo of the RSGF at the project site, programmes for launch of the clubs, Programme of the workshop for patrons and on certificates of the patrons

11. Any other comments?

I wish to take this opportunity to thank RSGF for the funds I was given to undertake this project. It has been an interesting experience working with small schoolchildren and seeing their enthusiasm to conserve the environment. The project has given Karatina University publicity in the electronic and print media. Already the local community are aware of the project and it is the talk of schools within the county. I hope that RSGF will be able to provide additional funds for expanding the clubs to as many schools as possible. The Botanical Garden is not fully completed and I hope to receive additional grants to complete it.