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	Sunil Thapa
Project title	Promotion of Alternative Energy for Conservation of Forest Resources
RSG reference	11585-2
Reporting period	2014-06-15
Amount of grant	£5893
Your email address	Sunilthapa01@gmail.com
Date of this report	July 25, 2014

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
Installation of Improved Cooking Stoves (ICS)			√	
Publication of Promotional Materials		√		Only posters were published and budget assigned for pamphlets were used in training
Access the impact of ICS on socio economic status of locals			√	

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

No major difficulties were seen during implementation of the project, but during conservation awareness campaign some of the schools were closed due to extreme weather condition.

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

i. Improved Cooking Stoves (ICS) Installation and Assessment: The first phase of study had identified Piplari-Jhalari area has highest fuelwood consumption compared to other sites and people here depend on reserve forest to meet fuelwood demand**.** The project findings suggest that, even though organisations are providing certain amount of incentives, people with marginalised and low income background were unable to afford the cost of biogas. Our target population were people living adjoining to the wildlife reserve forest, who cannot afford to install biogas and have excessively relied on forest wood for fuel but are willing to install ICS. ICSs were installed within 100 households of Piplari-Jhalari buffer one. This will certainly help in conservation of forest resources.

Along with environmental change, the effects of ICS on other aspects like health, hygiene, education, employment generation and gender were also assessed before and after the installation of ICS. There has been decrease in fuelwood consumption by 30 %, indoor air pollution has reduced and has helped in improvement of health and kitchen hygiene of the ICS users. Some of the respondents perceived that the time saved from fuelwood collection has helped women and girls, who are primarily responsible for fuelwood collection, to utilize the remaining time on productive works.

ii. Promotion of Alternative Energy Technologies: Alternative energy technologies like biogas, solar, improved cook stoves were promoted in different buffer zone communities of the project site. Local people were made aware about alternative energy and biodiversity conservation through awareness programs conducted among members of women group, forest user's group and school children of 12 buffer zones.

iii. Training of trainers: As the project went into implementation phase, with realisation of need for trainers who could build ICS, training of trainers was arranged for 10 local people. In this way, even after completion of project, when local wish to install ICS they will have resource person available at their door step. This helped in employment generation as well.

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

Local communities were directly involved in the project and have benefited in number of ways. 100 households from marginalised communities received help for ICS installation. At the same time many more local and school children were made aware about the benefits of having alternative energy technologies at their house. On the other hand, 10 local people were trained to build ICS. For effective implementation of the program Community Environmental Development-Nepal, local non-governmental organisation, was chosen as partner organization for the implementation of the project.

5. Are there any plans to continue this work?

Yes, we plan to continue this work in future as well.

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

Report produced from this work will be disseminated to the concerned authorities. Copy of report will be made available in the central library of Alternative Energy Promotion Centre for the wide use by the students and other, who wants to pursue their research work in the related field. The result will also be tried to publish in different printed and online journals.
During the outreach programme two Master level students from Golden Gate International College majoring on environmental science were involved. These students used the data and programme materials for their academic requirements, thus helping to share the project outputs to other students of the and wider audience.

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 major portion of RSG was used during the installation of ICS from November-January 2013/2014, outreach activities from December-February 2013/14.

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 T	Budgeted Amount	Actual Amount	Difference	Comments
Transportation	375	425	+50	Increased number of local transportation
Accommodation	1550	1450	-100	Accommodated at minimum cost
ICS Installation	2100	2200	+100	Price Increase of construction materials
Outreach Materials	638	350	-283	Only posters were published, and reaming amount was used in training of trainers
Training of trainers	0	400	+400	Training of trainers for ICS construction was held

Outreach Activities	875	825	-50	Carried out at minimum cost
Communication and Miscellaneous	230	230	0	
Report Preparation	125	125	0	
Total	**5893**	**6005**	Go Green Nepal and local NGO covered extra expenses	

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

The first phase of the project was more focused on identification of problems, whereas the second phase was designed to install ICS in certain communities only. By the end of the project we have assessed that ICS helps in forest conservation through reduction of fuelwood consumption. It is necessary that we identify more vulnerable and marginalised communities and help install more renewable energy technologies. At the same time reach out more communities through outreach activities and make them aware about availabilities of renewable energy technologies, which not only help in forest conservation through reduction in fuelwood consumption, but also help in uplift of socio economic and health of those communities.

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 Rufford Foundation logo on posters and banners that we produced. The Foundation received good publicity during the project implementation phase.