

Final Project Evaluation Report

We ask all grant recipients to complete a project evaluation that helps us to gauge the success of your project. This must be sent in **MS Word and not PDF 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 – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Complete the form in English and be as concise as you can. Note that the information may be edited before posting on our website.

Please email this report to jane@rufford.org.

Your Details	
Full Name	Basem Elmasry
Project Title	Jericho Solar Energy/ organic farming/ training
Application ID	17704-1
Grant Amount	£5000 Sterling pounds
Email Address	baz.net@gmail.com
Date of this Report	October 2017

1. 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
Connect 5 KW Solar Energy with convertor				The project was delayed due to return meter from electrical company. 20 panels and converter fitted.
Connect security and cameras				Working perfectly with an alarm system
Connect Internet and telephone				Done and working

2. Please explain any unforeseen difficulties that arose during the project.

We could not convince the electrical company at the beginning to allow for the return meter to calculate the extra energy produced by our 5 kw system, it took a lot of political intervention for us to get them to let us do that.

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

- a). Free Electrical Energy in an area that did not have any grid connection.
- b). increase the time usage of the farm as a training centre for farmers/24hs
- c). Security and internet connection made it a very secure and accessible.

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

Farmers from nearby arrives regularly to be informed and trained on the benefit of solar energy and organic farming.

5. Are there any plans to continue this work?

We aim at expanding our work for nearby villages and hamlets, as well as giving source of electricity to neighbours for security and sensor monitoring.

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

We are inviting all neighbours to come and learn from the project and we offer training courses for women farmers in particular.

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

2015-2017

8. Budget: Provide a breakdown of budgeted versus actual expenditure and the reasons for any differences.

Item	Budgeted Amount	Actual Amount	Difference	Comments
Installation of 5KW Solar Station	£5000	\$7500		
Installation of the Metal infrastructure	£500	\$750		Was not budgeted
Internal electrical network	£300	\$450		Was not budgeted

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

We need to have a water source and a water collector for security and immediate use.

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

From the outset we informed the local government that this project is sponsored by the Rufford foundation, and we have sent the logo to be designed and put on the front of the main building

11. Please provide a full list of all the members of your team and briefly what was their role in the project.

- Basem Elmasry - project Manager.
- Dr. Mashour Abu Daqa, Designer.
- Mr. Salem Saradeeh, Farmer

12. Any other comments?

The grant given to us although it was small but was vital for our development, we are extremely grateful for the opportunity you gave us and would like to let you know that we were able to survive due to this specialised intervention by your esteemed foundation, we wish we can continue working with you in 2018.



Final Report Summary

The project started 2 years ago to establish a solar energy supply for our farm in Jericho, Palestine. This farm was established in 2011 to help educate and train farmers in the region on best practices in recycling and planting organic food. This project is aiming at increasing the income of farmers by using different and advanced methods of farming, as well as introducing technology whenever possible aiming at increasing productivity, and efficiency.

Palestine started its awareness to solar energy late in terms of supporting projects for such technology and was delayed due to Israeli occupation refusal to allow such projects in areas that it considered security zones and not allowed to install such simple machinery, many projects was destroyed by the Israeli Army. It took lots of time to get the electrical company to accept this kind of project in area C where we are situated. Also the technology was not easily accessible for small projects such as ours. Finally we managed to convince them and the return meter was finally installed to count the extra energy so that can be stored at the electrical company via our connection to the grid, and hence benefit by getting free solar energy thanks to Rufford foundation.

Green Palestine for Rural development (GPRD), will be getting free energy 360 days 24h, for the next 10 -15 years pending any small maintenance bills, so we are very happy and now we can look and maximising our use of this farm and our next plan is to add animal farming in the form of sheep, and similar. We will be open to all farmers

to learn from our new experiment that will look at developing the DNA of new born sheep, which can waistband diseases by bringing back the original local sheep DNA that was lost due to lack of National institute during more than 50 years of occupation.

Currently the farm was able to produce all varieties of vegetables and fruit bearing trees, thanks to the electrical connection that made us able to minister the farm 24hs using technologies and sensors that can inform our agronomist of the crop development and needs, as well as installing an internet connection that kept us in a very safe environment from all aspects including the installation of security cameras.

Thus we have advanced quite fast in a very short period of time, and now we are looking at creating a water source, a kind of a large container with fish and using the water containing natural fertiliser produced by the fish.

