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## OFID-UNDP CROSS-REGIONAL GRANTS COMPETITION

### PHASE I: EXPRESSION OF INTEREST

By submitting the Expression of Interest letter, the applicant(s) enter the first phase of selection for funding within the OFID-UNDP grant competition. The present letter has to be sent as a Word document and supported by a **copy of the certificate of registration of the applicant(s)** translated into English indicating non-profit status of the organization. The documents have to be sent no later than **30 March 2015, 17:00 (GMT+2)** to the following email address: [crgrants.irh@undp.org](mailto:crgrants.irh@undp.org). Acknowledgement of receipt of the documents will be sent to the applicants.



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## I. ABOUT THE ORGANIZATION:

<b>Name of the organization</b>	<b>Sunshine4Palestine Association</b>
<b>Website of the organization</b>	<a href="http://www.sunshine4palestine.com">www.sunshine4palestine.com</a>
<b>Contact person for this competition</b>	<b>Name:</b> Barbara Capone <b>Position:</b> C.E.O. <b>Email:</b> <a href="mailto:barbara.capone@univie.ac.at">barbara.capone@univie.ac.at</a> , <a href="mailto:barbara.capone@sunshine4palestine.com">barbara.capone@sunshine4palestine.com</a> <b>Phone no:</b> +43 6604797954
<b>Date of registration</b>	<b>7 June 2013 (UK), 14 January 2014 (Palestine)</b>
<b>Country of registration</b>	
<b>Legal status</b> <i>It is required to send a copy of your registration form together with this letter</i>	<b>International N.G.O.</b>
<b>Mission of your organization</b>	<b>Implementing renewable technology methods and systems to resolve locally infrastructure and utility shortfalls in the Palestinian Occupied Territories where the lack of these impinge on the public service institutions serving the disadvantaged section of the population.</b>
<b>Annual turnover (in US Dollars)</b>	<b>\$50.000</b>
<b>Previous experience with United Nations (If any)</b>	



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**Do you need support in finding a partner from another Region? If YES, please specify which region and country (ies)** **NO**

## II. SUMMARY OF THE PROJECT

### 1. PROJECT IDEA

*Briefly describe (no more than 1 page) your project idea explaining the concrete solution that you propose for a defined problem. Specify how your project/idea/solution is addressing one of the priority themes of this competition: (1) Affordable energy and water solutions or (2) Economic governance and employment. Describe how your idea is bringing an added value to this field of work.*

*Where the project idea is a continuation of a previous project, clearly explain how the proposed idea is intended to build on the activities/results of this previous project. Where the project is part of a larger programme, clearly explain how it fits or is coordinated with this programme or any other planned activities. Specify the potential synergies with other initiatives.*

Energy shortages are heavily affecting the Gaza Strip thus becoming an urgent humanitarian issue. In the entire Gaza Strip, while on the private scale the energy shortages are addressed by using very expensive, polluting and unreliable oil based generators, public areas live in complete darkness. Such a situation heavily affects highly densely populated areas as the refugee camps, and continuously puts unbearable pressure that no human being can stand by forcing the population to live without electricity for almost 18 hours daily.

Studies have shown that due to the excellent exposure to solar radiation in Gaza, the implementation of PV systems could provide a considerable proportion of the electricity requirements in the area and would moreover be a supply that is both reliable and cost effective in relation to other sources of power.

Given the current and future population growth of the Gaza Strip, PV provides a sustainable solution to the energy needs of the region.

***With this project we propose to create a new path of light by illuminating one of the main streets of the Saudi refugee compound, in the city of Rafah (Gaza strip) with the use of photovoltaic technology. In particular we propose to install a solar tree (a tree whose leaves are Photovoltaic Panels) which will produce enough energy to light up the main square and crossing of the Saudi refugee camp for a total of about a kilometer. The street will be provided with a LED illumination system made of 36 lamps of 50W each. The area will be enriched with a thematic park and a poly functional laboratory, aimed at a social/psychological/environmental recovery. In parallel, in collaboration with the international NGO Liter of Light, trained technicians will teach the local population to build self-made Photovoltaic Powered recycled LED lamps.***

By retraining a destroyed green area, the project will fulfil a psychological support program, lead by Oltre il Mare (OiM), particularly aimed at women, youth and children that heavily suffered post-war traumatic stress. The polyfunctional laboratory will be site of many support activities to the population. By bringing light and constructing a warm social environment, the project will help re-building that part of sociality that has been mined by the constant attacks and destructions.

The collaboration with Liter of Light (LoL) is aimed at teaching the population an independent way of fostering light by means of self-made photovoltaic lamps. This program will take place in the UNRWA



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schools, which we are allowed to use after a having obtained UNRWA agreement, that are currently sheltering refugees, where laboratories will be set up for one or two days and every attendee will build two lamps; one to take away, and the second one will be distributed in the next refugee camp where the training will take place.

The Project will plant the seeds for a sustainable future, while promoting the usage of renewable energy sources. It will provide a concrete support to recover and upgrade spaces that heavily suffer from the energy shortages by bringing public lighting to a highly populated area in the Saudi Refugee Compound, Rafah City (Gaza strip) through the construction of a PV “Tree of Light” and the installation of 36 LED lamps of 50W each. We will work to develop a new vision for future generations by looking for alternatives to fossil oil and by promoting a concrete educational program for the protection of the environment that will transform and upgrade several portions of the territory.

## 2. THE ORGANIZATION’S EXPERIENCE OF WORKING IN SIMILAR SETTINGS

*Explain in no more than 3 paragraphs how this project idea is complementary to the mission of your organization. Briefly describe the type of experience the organization has in implementing similar projects. Specify if you have any previous experience in working with partners from other countries/ regions and provide some examples.*

Sushine4Plaestine is an International NGO registered in England and Wales UK (Reg. No. 1152334), with a branch in the Palestinian territories (Reg. No. 8415) and a branch in Italy (C.F. 91042780345), that is dedicated to the implementation of solar photovoltaic plants and sustainable water purification systems for humanitarian applications in the Palestinian territory.

***The NGO realized its first project by installing a 27 MWh PV plant on the Jenin Charitable Hospital in Gaza that made the structure as the first hospital working completely off-grid and continuously for 17 hours a day.***

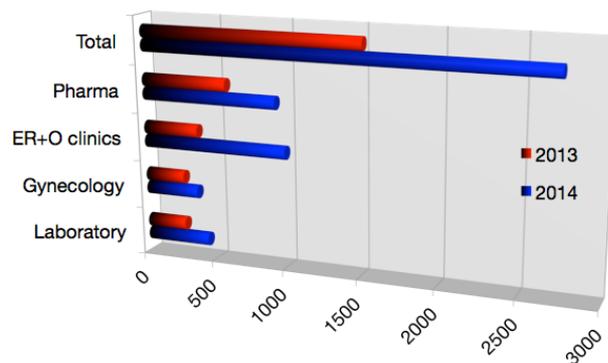
Given the success of the first implementation (~70% increase in the number of patient treated per day), the NGO decided to implement projects on public spaces, by bringing electricity and illumination to public areas that currently, due to the energy shortages, lie in obscurity hence are particularly insecure after dawn.

Two hundred 10W street lights will be built by the liter of light technicians together with the local population.

As tested in many other countries, such as Egypt, Marocco, Afghanistan, Philippines, Ethiopia, Cambogia, Colombia and India, lamps will be completely assembled by the final user.

The simplicity of the electronic circuits will make the construction of the lamp accessible to the whole population. LoL technicians will form together with the final users, UNRWA technicians and cooperants on both usage and construction of the lamps.

**Patients at Jenin Hospital  
in March**





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### 3. CROSS – REGIONAL APPROACH

*Explain in no more than 4 paragraphs how your project idea fits into the broader cross-regional cooperation framework. Specify the concrete know-how that can be exported to other socio-economic contexts and how you plan to do the knowledge sharing. Specify in which country(ies) you plan to implement the activities. Where do you need support for matching with another partner, specify the type of profile you are looking for and from which country(ies).*

The project brings together three NGO's; the first one, Sunshine4Palestine, based in Palestine already implemented a project with a very strong social impact in Gaza by rendering operative an entire hospital for 17 hours a day; the second NGO is Liter of Light, based in the Philippines, winner of the 2015 Zayed Future Energy Prize, LoL already implemented many sustainable lighting project in Africa, India, Philippines and South America. The two technical NGO's joined with the Italian association Oltre il Mare - Beyond the Sea, whose leading committee has a longstanding experience in leading projects in Palestine of high humanitarian impact (psychological support projects for post-traumatic stress, international adoptions, collaboration with the Palestinian Red Crescent).

Knowledge sharing in Tree of Light will take place by benefiting from the experience of Liter of Light in many other countries. Certainly, our project has a strong potential for duplication and can be adapted to countries with similar humanitarian situations, energy needs and weather conditions. Refugee Camps in Turkey for example would greatly benefit from our experience.

### 4. ENVISIONED IMPACT AT THE COMMUNITY LEVEL

*Briefly describe in one paragraph what type of impact you plan to have in the community and what kind of people/groups will benefit from your solution. Specify if your solution is intended to help/involve marginalized or disadvantaged groups and/or you are considering gender aspects.*

Aiming at permanently improving the living conditions of refugees, the most vulnerable Palestinian residents of the Saudi Refugee Compound in Rafah, by providing illumination to the main street of the camp and stressing the importance of a shared responsibility of men and women, this project will make all men, women and youth as key actors and beneficiaries, making the street of the Camp after dark a safer path for girls and women.

## III. DECLARATION

We/I hereby certify that the information contained herein and attached hereto is complete and accurate to the best of our/my knowledge.

Barbara Capone  
Head of Organization/Institution

  
Signature

30/3/2015  
Date