



Inka Magik aims to promote the benefits of renewal energy projects in villages in which electricity is needed for internal community development in Peru.

Gold from the Sun is run in coordination of local university and overseas students who will discuss the most adequate resources of renewal energy and its installation in a requested area in Peru.

Gold From the Sun projects will focus in areas of:

- Team work (Forming, norming, storming, performing)
- Project Management (implementation, cost, labor, time management, etc.)
- Fund raising (abroad and locally, contacting external agencies for financial aid, etc.)
- Environmental Conservation (adequate resources to be used, maintenance, etc.)
- Community Development (involvement within the community)
- Language Skills (communication and overcoming cultural differences, etc.)

***To assess the needs for alternative energy in schools, medical post or NGO s in Peru***

There are existing Peruvian community organisations working in areas whose power is currently delivered from alternative resources that are none environmental friendly, such as for example diesel engines. The Gold from the Sun Project will take into account the benefits from delivering solutions on wind/water turbines and solar panels.

During the first assessment, students will need to take into consideration the most convenient types of renewal energy resource to use, the advantages on it's cost-saving, product design, (appropriate for the environment), and the cost of its maintenance when installed.

## Project Locations-Case study

### 1-Jungle Zone

At the moment, Inka Magik has received the case study of a school located in the **Amazons in the province of 'Madre de Dios region'**, one of most bio-diverse areas in the world and a short plane journey from the ancient Inca city of Cusco and the lost citadel of Machu Picchu.

This school is using diesel generators to get electricity, but as the area is impoverished and village economical resources limited, we are focusing in the implementation of alternative renewal resources of energy which cost less in the long term.

### 2-Coastal zone

There is another project which can be developed in a coastal school and is situated near **Chimbote**, a fishing port close to the colonial city of Trujillo and the pre-Inca ruins of Chan Chan.

The school has implemented a workshop of sewing machines for the development of the community skills. This school helps entrepreneurial mothers who are looking to sustain their families by using the workshop's machines. However, sewing machines can be expensive to run and installing an alternative source of energy could create a difference in order of cost-saving in the final products.

### *To liaising with future partner organizations*

*Fe y Alegria, NRG international, Solar Aid, Camborne mining school of renewable energy.* We have also discussed links with *CAT* and *ITDG* now, however, these have not been formalized.

### *Group Background*

**Fe y Alegria** [www.feyalegria.org](http://www.feyalegria.org) (beneficiary)

is a "Movement for Integral Popular **Education and Social Development**" whose activities are directed to the most **impoverished and excluded sectors** of the population, in order to empower them in their personal development and their participation in society. This NGO has been delivering sustainable change in South America for over 25 years and is a well respected NGO.

### **NRG international (to liaise)**

is a group of **professional renewable consultants** who will volunteer their time to run small installation projects. They have offered **renewable energy alternative to various projects**, and their previous experience of installations includes West Africa (Nigeria), East Africa, Europe, Haiti, Eluthera (Caribbean).

Nick Goff, an ex-consultant for RE4D delivering projects in the UK and abroad and Patrick Sherwin, an American registered solar installer currently working in the Bahamas, both can be contacted for further consultation.

### **Solar-aid (to liaise)**

Two of the biggest threats facing humanity today are **climate change and global poverty**. SolarAid helps to combat both, simply by bringing clean, renewable power to the poorest people in the world. By replacing carbon-emitting products with solar power, and reducing our dependency on fossil fuels, particularly wood, we can alleviate global warming.

### **Camborne School of Mines (Renewable Energy Course)**

This school will be willing to provide on line assessment during the initial installation of renewable alternatives to any project in Peru.

### **Benefits of the project**

The project is looking to create awareness and benefits on the use of renewal energy resources to local NGOs' in Peru and to liaise with the local press for PR purposes.

Participants will have the support of local staff for their development and implementation of an adequate renewal products.



The participant will be able to received Spanish lessons in case the local language represents a communication barrier.

Participants will be able to discuss their ideas of implementation of an adequate renewal resources with local authorities, and to a local university teacher representative.

The most important factor of the project is that the participant will gain an invaluable work experience which can benefit in their career prospect.

Participants will be working within a foreign country overcoming cultural differences and language and learning to liaise with different organisations.

Participants will be rewarded with an exclusive trekking to the ancient ruins of Machu Picchu in Cuzco-Peru.

The project is 100% challenging and it will give you an invaluable feedback on your development skills.

### **Project Costs**

Inka Magik is looking to gather a minimum of 12 overseas participants.

This project is self funded which means participants need to be able to cover their own flight tickets, accommodation and living expenses in Peru.

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However, the option of fundraising is open for this project under the umbrella of Children's Horizon.

You need to consider the following cost:

- Flight cost
- Living accommodation
- Living expenses
- Spanish classes
- Administration fee

For most of the project Inka Magik will be able to arrange a hosting family which will help to reduce the amount of your living cost during the second month of staying in Peru.

The cost of the accommodation varies between \$150 and \$350 US a month depending on the region where you will be living and includes the main meals.

Living with a host family provides you with the advantage of learning the language and interacting with the locals.

Inka Magik can also provide you with a Spanish teacher to help you in your learning communication process.

Currently, the fees to get Spanish language tuition for this project are lower because the impact effect of your work will help the community to become more self sustainable.

The Spanish tuition fee during the first month is included at 8 hours per week. Thereafter your second month tuition fees start from \$8.00 US an hour.

The length of time in getting involved in this project will depend on the type of renewable energy to use in place, which can take from one to 3 months to finish its implementation.

You can also provide your spare time in getting involved in the educational activities of the local schools.

The administration fee for this project is: \$1,900 US dollars per participant and includes your accommodation and meals for the 1<sup>st</sup> month, transport, welcome to Lima, Spanish classes as well as funding for the implementation\* on the renewable energy product.

Your administration fee also includes an exclusive tour, such as the alternative 3-4 day Inca forest-jungle Trail to Machu Picchu, which you can take after your first month of living in Peru.

### **How to apply, requirements and overall conditions.**

By email, using our volunteer electronic application form.

Preferably we are seeking students in their last stages of their university studies, however graduates or post graduates looking for a challenging project are welcome to apply too.

Once you have got an acceptance in this project, your placement will be open for a year. We recommend to apply well ahead at least within 6 months.

Participants need to secure a 10% of the total amount of the registration fee in order to process your application, and compromise with this project.

The project needs a minimum of 12 people, in case of failing with the requested amount of people, your money will be given back to you. See terms and conditions in our web page.

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has been organizing **educational volunteer placements** across Peru since 2005, with successful projects involving international students and volunteers helping in local schools and community projects. Through **Children's Horizon**, (non profit organisation), the schools have benefited from donations towards equipment for the practical workshops. Inka Magik is now looking to establish **cutting edge environmental projects** with **real cost-saving, educational and environmental benefits for the schools** in partnership with UK, Peruvian agencies and other organizations who are willing to provide their support.

Finally, we want to provide you with the necessary support for your development while volunteering in Peru and we will be glad to answer most your queries.

**Come and learn new skills on the Gold From the Sun projects, help out and have an adventure of a lifetime.**



*Developing projects for you*

*\*Important information: Please note that the initial budget implementation of this project takes into consideration any renewal product up to the range cost of £8,500 US. However, does the initial implementation cost over pass the proposed financial budget than an additional financial aid will need to cover the extra costs. Such additional aid can be achieved by a fundraising activity or sponsorship. Volunteers will need to develop a budget accordingly to the project management cost and it will be evaluated by Inka Magik. Renewal energy products are aimed to provide energy to small organisations who are developing community work in Peru.*

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