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SAFAD – ECOSWELL Project 2021

Introduction

SAFAD is a UK-registered charity run by Cranfield University students. Every year, SAFAD opens an opportunity for graduates to volunteer on placements with local partners, NGOs or local organisations across the world.

SAFAD supports volunteers during their placement with operational and financial support. We aim to cover expenses such as air tickets, accommodation, visa, food, vaccinations, insurance and more. These placements offer an excellent opportunity to gain valuable professional, hands-on experience whilst supporting social and environmental development in the local communities where we work.

Application

All Cranfield Students and Alumni are welcome to apply. If you are interested in applying for a volunteer placement through SAFAD, please send a copy of your CV and the completed SAFAD application form to projects.safad@cranfield.ac.uk. Applications are open until the position is filled. If your application is successful, you will be invited for an online interview.

Please note, SAFAD is a charity that depends on public and charitable donations; therefore, this project is dependent on the charity fundraising outcomes. We hope to but cannot guarantee at this stage that this project advertised for the placements will proceed. If you have any questions, please refer to the [FAQs](#) on the [SAFAD website](#) or send an email to safad@cranfield.ac.uk.

ECOSWELL

The Organisation

EcoSwell is a registered non-profit NGO that designs and implements sustainability projects in vulnerable communities in Peru. The organisation currently operates in Lobitos, Piedritas, Talara and Piura. Through their sustainable social and environmental development projects they have touched the lives of approximately 24,000 people in the localities where they work. The organisation's overarching aim is to improve the quality of life and reduce poverty in Peru. In accordance with the United Nations





Sustainable Development Goals, all their projects have successfully met 10 of the 17 goals, based on measurable impact indicators. Their main area of work is in:

- Nature conservation
- Water and sanitation
- Renewable energy
- Public health
- Research and monitoring

One significant challenge facing the local communities is the lack of power supply. Despite the continued efforts and investment to provide energy through the centralized national Grid to all homes in Peru, about 5% of the population from disadvantaged household still do not have access to electricity, whilst some other part of the country experience continued power outage. This problem has been largely due to the high-cost requirement and the remoteness of local communities. EcoSwell understands the situation and is keen on providing fully sustainable solutions by tapping into the country's enormous natural resources (geothermal, solar and wind) to bring electricity to homes. The organisation is heavily focused on designing and implementing renewable energy projects based on the following core pillars:

- Low cost, high impact technologies
- Energy resilience and independence
- Strengthening and restoration of the Ecosystems with renewable energy and technology.

Project

EcoSwell is constantly developing renewable energy projects: some of their current projects include the productions of UPS and solar panels for a medical post, solar panels for fishermen's community hall, wind turbines and solar distillers for portable water supply.

Responsibilities and Interaction

For all the renewable energy projects, the volunteer will be specifically required to support and work with the organisation's renewable energy supervisor to oversee and manage the designing and implementation of the projects in this field. The volunteer will be integrated into an excellent team of interns who will provide them with support throughout their placement. This position involves and is not limited to the following task:

- Work with EcoSwell Director to continuously refine the strategic goals of our renewable energy projects.



- Keep an accurate account of all active and future EcoSwell renewable energy projects
- Report weekly to EcoSwell Director on progress made
- Plan tasks and next steps for each project.
- Lead a team of volunteer interns in Lobitos to ensure projects are progressing
- Manage proper reporting and budgeting of projects
- Liaising with project sponsors and suppliers
- Liaising with community partners and members during project implementation
- Ensuring volunteer interns are abiding by safety protocols and procedures
- Proposing improvements to designs, projects and processes
- Ensuring the creation of marketing content of our renewable energy projects

Qualifications

Necessary

- Knowledge of renewable energy technologies (Solar, Wind, waves)
- Team management skills
- Good organizational skills
- Must be proactive and good at working independently and as part of a team
- Positive attitude and willingness to learn
- Ability to multitask
- Good problem solving
- Intermediate/Advanced Spanish

Placement Location & Schedule

Lobitos, the Northern coast of Peru. The volunteer is expected to start the placement in January 2022 for a 12-month duration, specifically between January 10th, 2022, to December 16th, 2022). **ONLY ONE VOLUNTEER IS NEEDED FOR THIS PROJECT.**

Opportunities

SAFAD will provide flight tickets, visa and vaccinations fees, Covid-19 test, travel insurance and a monthly stipend between £15-35.

EcoSwell would provide:

- Accommodation
- Internet, Office space and supplies, but volunteers are advised to come with a laptop
- Daily meals
- Internal travel (i.e., for project-related activities)