

## ICSC Innovations Officer

### A. Project Background

RE-Charge Pilipinas (RCP) is a post-Haiyan (Yolanda) initiative focusing on renewable energy (RE) applications and sustainable solutions and fostering energy resilience in local communities. Established by the Institute for Climate and Sustainable Cities (ICSC) in Tacloban City in 2014, RCP demonstrates how RE can power better disaster risk reduction (DRR) and low carbon development with survivor communities as the front and center of all initiatives.

The **Solar Scholars Program** was initiated by ICSC in 2015 to help survivor communities, local governments, and civil society organizations harness solar power for DRR and community development. Solar scholars are trained to do energy assessments in their communities and set up, operate, and maintain TekPaks, which are portable solar-powered devices designed and built by Haiyan survivors, to power vital community facilities.

From the ranks of solar scholars, ICSC convened the **RE-Serve Humanitarian Corps**, a volunteer group trained to provide solar power to humanitarian and government emergency responders at ground zero. The Corps responded to several strong typhoons from Luzon to Mindanao to provide humanitarian RE to affected communities and local government units (LGUs). At the heart of the RE-Serve Corps is “paying it forward,” with survivors helping and empowering fellow climate crisis and disaster survivors.

Together with local community partners, LGUs, RE developers, and volunteers, ICSC’s RCP continues to innovate, test, and deploy RE systems, such as solar home systems, solar generators for BRIGHT schools and health centers, solar charging stations for community facilities, and solar freezers and mini ice plants for people’s livelihoods, and push for small island hybridization via renewable microgrids in isolated, off-grid small islands in Eastern Visayas. All **community renewable energy (CORE) initiatives** are meant to accelerate the just energy transition in the region to ensure that RE is utilized by those who need it most and that no one will be left behind in the shift to a low-carbon society.

### B. Tasks and Responsibilities of the ICSC Innovations Officer

The **Innovations Officer** shall directly report to the Director for Community Resilience and will be managed by the Senior Innovations Officer who will exercise day-to-day supervision.

The Innovations Officer will be the **main assistant of the Senior Innovations Officer** in implementing ICSC’s Solar Scholars Program, CORE initiatives, and other RE innovation projects to accelerate the just energy transition in Eastern Visayas. **The Innovations Officer shall assist the Senior Innovations Officer in implementing and completing the following tasks and responsibilities:**

- a. Assessing the energy needs and technical scoping of public buildings, schools, health centers, covered courts, and other critical community facilities that could be potential sites for rooftop solar power station projects;
- b. Designing and installing rooftop solar power stations and CORE initiatives, such as solar streetlights, solar home systems, solar freezers, solar-powered mini ice plants, and solar water pumps;
- c. Maintaining, operating, and monitoring the ICSC RCP Hybrid PV system and regular inventory RCP tools and equipment;

- d. Designing, assembling, and repairing TekPaks and other RCP innovative RE systems;
- e. Providing technical guidance in the development, procurement, and bidding of RE products and technologies;
- f. Facilitating the Solar Scholars Training and CORE technology training workshops;
- g. Managing and scaling up the Solar Scholars Community of Practice and RE-Serve Humanitarian Corps, and strengthening the capacity of local managers and technicians of RE organizations and enterprises;
- h. Effectively monitoring and evaluating the different RE programs and projects to derive key lessons from these initiatives.

### **C. Qualifications and skills**

The **Innovations Officer** must

- Possess adequate knowledge of and demonstrable skills in electrical systems and electronics. Previous background and experience in RE systems, particularly solar photovoltaic technologies, will be an advantage.
- Be a resident of Eastern Visayas and familiar with the culture, language, and lay of the land of the region.
- Know how to use electrician tools and electrical and mechanical equipment.
- Be a self-starter who is able to work with minimal supervision and under pressure and a flexible team player able and eager to collaborate with other members of ICSC to ensure quality output and tangible project results are achieved.
- Be inquisitive and willing to experiment and innovate using new technologies, approaches, and available materials but not afraid to commit mistakes and can quickly learn and adjust.
- Be inclusive in approach and able to identify community energy-related problems.
- Demonstrate good communication skills especially in relating and explaining technical concepts of energy to women, men, older adults, and youth in communities engaged with ICSC.
- Be computer literate and have a good command of MS Office applications.
- Possess integrity, honesty, humility, confidence, and enthusiasm to serve frontline vulnerable communities.
- A background in disaster risk reduction and management and outdoor and survival skills will have additional weight in the final selection.

### **D. Application Process**

ICSC values diversity and is an equal-opportunity employer. If you fit the role and possess the desired qualifications, please email the following documents to **jobs@icsc.ngo** on or before **July 12, 2024**:

- Letter of Intent addressed to Mr. Arturo Tahup, Director for Community Resilience with the subject line **“Application for Innovations Officer – [Surname]”**
- Resume (do not attach photo)