



reboot

Renewable Energy Bootcamp


CALL FOR APPLICATIONS – Batch 4

**FRIEDRICH
EBERT
STIFTUNG**



REBOOT PH
Renewable Energy Transition Institute





Energy is the driving force of a nation. It allows people to use technologies that make life more productive and liveable. It also powers industries that produce the products we use and the jobs we work in. It is the basic resource where everything comes from.

But what happens if only a few control this basic resource?

The present global energy crisis has shown how the misuse of control over energy can cause massive suffering. Russia leveraged its position as one of the largest oil and gas producers to force other nations to condone its invasion of Ukraine. As a result of their decision to cut off fuel exports, fuel prices surged, in turn making food, transportation, and basic necessities more expensive for people worldwide.

Our country's energy experience also demonstrates this fact. Two decades of poor implementation of the *Electric Power Industry Reform Act (EPIRA)* has resulted in an energy system where the top 10 "energy oligarchs" own 70% of energy generation in the Philippines. Their stranglehold over our country's energy contributed to our country's status as having the third-highest electricity rates in Asia.

It seems like there is no other way to develop energy systems but to submit to powers that centralize power generation. After all, for the longest time, energy has been considered a "natural monopoly."

The renewable energy transition allows us to break free from this monopoly. Due to its decentralized and localized nature, renewable energy offers us a chance to break the dependence of people and communities on fuel imports or large companies.

But accelerating this transition in the Philippine context comes with its own set of challenges. Business models, technologies, or policies that work in other countries might not work here. Social and environmental impacts from the energy transition might be different here. We might end up worsening the state of the Filipino people if we do this transition haphazardly.

We need to create living local models that will demonstrate how the energy transition can be embedded in our social and economic systems. We need platforms where these new technologies can be piloted so that we can learn how energy will trigger systemic changes in our society.

Our people need a power system that truly empowers.

And we need bold movers who will push this transition through.

Rationale



The REBOOT Program

What is the Renewable Energy Bootcamp?

The Renewable Energy Bootcamp (REBOOT) is a training program for young and proactive Renewable Energy (RE) Ambassadors who seek to lead the Philippine just energy transition through decentralized, democratic, and fully-renewable systems.

Through a rigorous program that emphasizes rootedness in the practical realities of Filipino society and hones competence in the technological, social and political dimensions, REBOOT develops wayfinders who have the drive and courage to enter unfamiliar territory, identify unfolding injustices relating to climate and energy, and develop novel solutions that decarbonize the economy and empower communities.

This program is fully supported and managed by the Friedrich-Ebert-Stiftung Philippine Office. The Friedrich-Ebert-Stiftung (FES) is a private, not-for-profit, public interest cultural-educational foundation committed to the ideals and basic values of social democracy. In its cooperation with civil society organizations, labor groups, the academe, and the government, it contributes to consolidating democratic institutions and in strengthening an inclusive political system and a people-centered economic development. FES has been active in the Philippines since 1964.

Program Objectives

REBOOT trains young RE Ambassadors to:

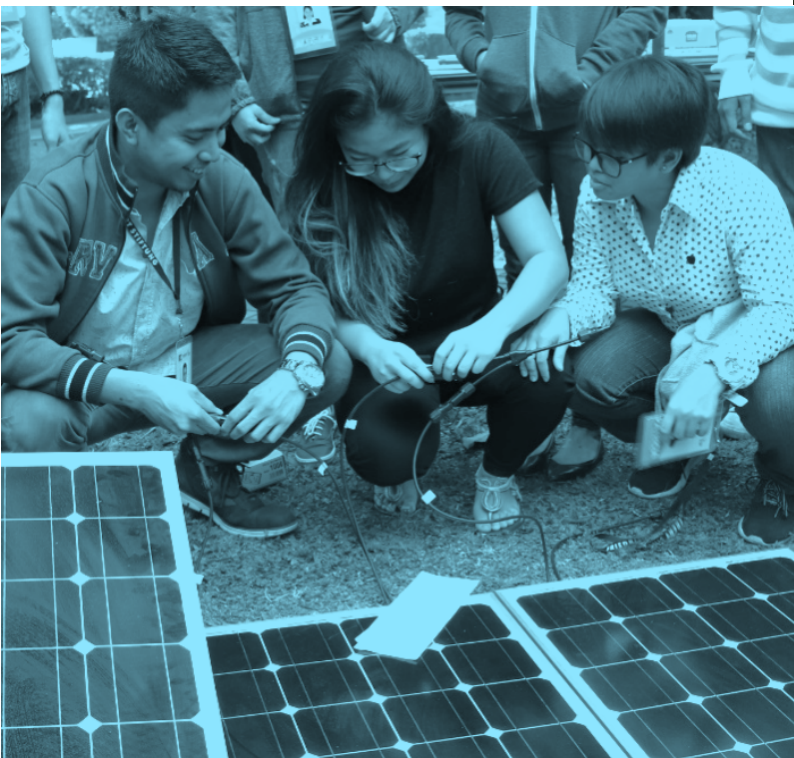
- Build their knowledge and skills on technologies, policies, and systems needed for an energy transition
- Understand how climate and energy affect social justice;
- Develop community projects that use clean energy to address systemic injustices;
- Convert different stakeholder groups into allies for the just energy transition;
- Create a network of young leaders who accelerate the energy transition by collaborating across disciplines to develop novel energy transition solutions.

REBOOTers will gain these competencies through a 10-month journey that includes:

Training Clusters

Discussions will revolve around social, political, economic, and environmental issues that affect the energy sector.

Participants will also cover topics like renewable energy, energy efficiency, energy policy, innovation, and project management. They will also practice leadership, communication, social research, and community development skills.



Experiments

Participants will be taught basic technical skills on renewable energy and energy efficiency. Solar photovoltaics, waste analysis and characterization, energy auditing, among others.

They will also be taught how to calculate the energy generation capacity of solar PV systems, biomass facilities, and other RE applications, as well as estimate financial viability of RE projects.

Pitstops

The training can sometimes get a bit heavy because of all the technical discussions. Thus, a key part of the REBOOT experience are the *pitstops*, reflective sessions that help the participants synthesize the technological, social, political, and economic concepts into their own sense of the big picture.

Creative methods are often used in these sessions.





Community Immersions

Leading an energy transition that is sustainable and empowers underserved communities entails developing and implementing initiatives *with* them.

REBOOT embeds community immersion in its design to provide a platform for participants to learn directly from the communities, and vice versa. Participants will be expected to live inside the communities for a period of time.

Energy Resource and Demand Assessment

Participants will get to practice the technical skills they learned from the training clusters to identify potential energy sources in the communities they are immersed in.

Organized into teams, the participants will be tasked to prepare the deskwork and the fieldwork to quantify solar, biomass, and hydro potential, and local key activities requiring energy.



Community Needs and Assets Mapping

Embodying the goal of democratizing energy by ensuring that communities can take ownership of their energy systems, participants will engage with local stakeholders, understanding their needs, capabilities, and collective aspirations.

Interviews, consultations, *kapihan* sessions, surveys, and other methods may be employed by the participants.

Community Education

The first requirement for graduation in REBOOT is the conduct of the *Community Education* activity. Here, the participants, using the results of their assessments, will conduct sessions designed to develop the capacity of key community members on renewable energy systems. This will serve as the community's starting point in assessing whether they will choose to contribute to energy transition work.



Energy Transition Project Implementation

The second requirement for graduation is the implementation of a local *Energy Transition Project*. The project should address identified community needs, contribute to decarbonization, and integrate the community in both the design and implementation processes.

This requirement will be considered completed upon project turnover to the community.

Personal Space

The last requirement for graduation is the *Personal Space*, a “personal thesis” of the participant’s exploration of the concept of the just energy transition and her/his role in that transition.

The participant will build on this personal space part by part as s/he goes through the program.



What will happen in REBOOT 4

Theme

REBOOT Batch 4 will explore the *role of workers in the just energy transition*.

Because of this, REBOOT has partnered with the *Sentro ng mga Nagkakaisa at Progresibong Manggagawa* (SENTRO), a national labor center committed to taking social movement unionism to new heights by intensifying the organizing of industry and sectoral unions in the country. SENTRO is founded by unions in the automotive, metal and metal-related industries, hotels, hospitals, beverages, broadcasting, banks, electric power, and manufacturing, with other member unions composed of government workers, transport workers, informal settlers, migrant workers, and a youth organization.

Partner Communities for Immersion and Project Implementation

Five (5) partner communities will be engaged in the conduct of REBOOT 4. These communities are located in the following areas:

- *Antique* – with power sector workers
- *Batangas* – with transport sector workers
- *Camarines Sur* – with power sector workers
- *San Jose del Monte (Bulacan)* – with informal sector workers
- *Surigao del Norte* – with mining sector workers

Training Modalities

REBOOT 4 will follow a hybrid implementation program to ensure a sustained engagement with the participants and maximize the participation of the community partners. There will be three (3) four-day face-to-face intensive training Clusters, two (2) four-day community Immersions, and six (6) two-day online Sprints.

The participants, as a batch, will agree on the training schedule once the program starts. But as much as possible, trainings will be scheduled on the (long) weekends to minimize conflict with the participants' other responsibilities. Attendance in all Clusters, Immersions, and Sprints is required.





How to Apply

Basic Qualifications for Application

- **Filipino citizen** currently residing in the Philippines and will be residing in the Philippines for at least the next three years
- **Within 18-30 years old** on the date of the deadline for application (Thu, 22 Sept 2022)
- At least **high school graduate**
- Has training or experience (working or volunteering) in climate and energy work, community development, social entrepreneurship, advocacy communications, movement organizing, engineering, design, project management, and other related fields
- Has demonstrated interest to work in just energy transition, energy democracy, climate action, community development, or social justice work
- Physically and mentally fit

Application is open **nationwide**. Interested applicants hailing from outside Metro Manila are highly encouraged to apply. Priority will be given to applicants residing in the five (5) project areas: **Antique, Batangas, Camarines Sur, San Jose del Monte, and Surigao del Norte**.

Participants from minority or underserved groups (e.g. indigenous peoples, Moro groups, women, LGBTQIA+, etc.) are highly encouraged to apply. Priority will be given to women applicants as FES follows a gender quota of **30% women**.

Participants from corporate, government, and academic sectors – who may not have sustained experience in community development work or climate and energy advocacy – are welcome to apply. REBOOT factors in the diversity of sectors in its selection of participants.

Process for Application

STEP	TIMELINE
Call for applications	02-22 Sept 2022
Deadline of application	22 Sept (Thu)
Pre-screening	23-25 Sept
Interview invitations for shortlisted applicants	26 Sept (Mon)
Panel Interview	30 Sept – 02 Oct (Fri-Sun)
Selection of REBOOT 4 participants	02 Oct 2022 (Sun)
Announcement of selected participants	03 Oct (Mon)
Orientation of participants (online)	06 Oct (Thu)
Training Cluster 1 (face-to-face)	3-6 Nov (Thu-Sun)

Application Requirements

- Application Form
- CV or Resume (w/ 2 x 2 picture)
- Certificate of Graduation or Proof of Enrolment
- Essay 1 – *What is your personal conception of an ideal energy transition in the Philippines?*
- Essay 2 – *What role do you want to take to contribute to the Philippine energy transition?*

Please send your completed application documents via email to reboot@fes-philippines.org or fax to **+63 (2) 8632 0697**. You may also mail it to:

Pauline Isabel Darroca
Friedrich-Ebert-Stiftung (FES) Philippine Office
Unit 2804 Discovery Centre
25 ADB Avenue, Ortigas Center
1605 Pasig City, Metro Manila

Deadline of applications is on **Thursday, 22 September 2022**. Incomplete applications will not be considered.



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