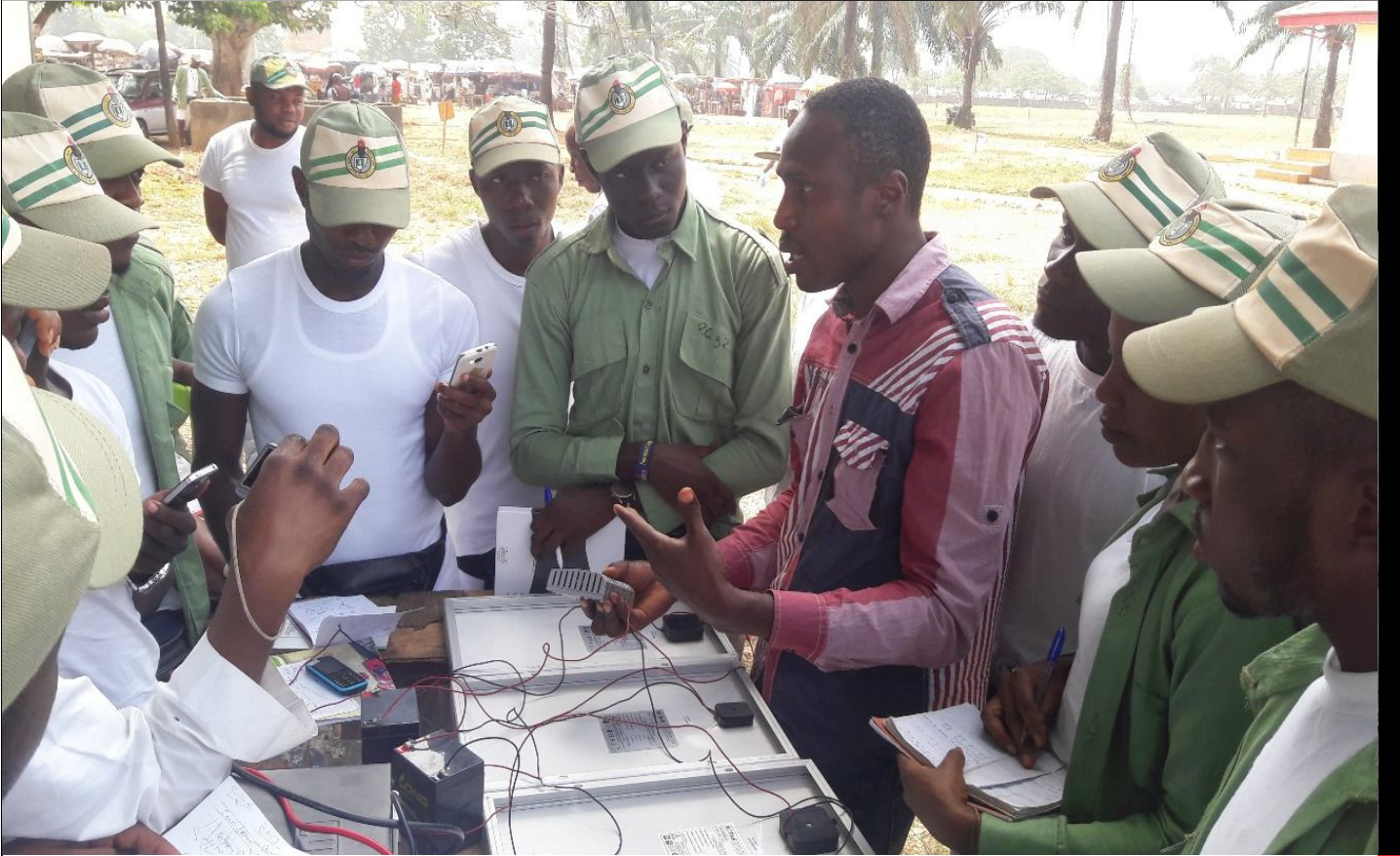




SOLAR ENERGY GRADUATE TRAINEE PROGRAM (SEGTP)



First Progress Report

Community Research and Development Centre (CREDC)

February, 2016

WHO WE ARE

Community Research and Development Centre (CREDC) is a non-governmental organization established on the 1st of March 2006. Since inception, CREDC with support from her international development partners has initiated several projects with a nationwide scope to promote renewable energy and energy efficiency in Nigeria. CREDC has vast experience in the area of renewable energy, energy efficiency, campaign against deforestation, water sanitation and climate change e.t.c. CREDC is the first NGO to implement a solar mini-grid project in Nigeria and have implemented three (3) solar mini-grids in several locations across Nigeria which include; 5KWp in Nasarawa state and two others (4KWp and 2.4KWp) in Edo state. CREDC is also the first NGO to conduct a nationwide research on energy efficiency with the title; "Energy Efficiency Survey in Nigeria" which has now become an important resource material to several development partners working in the energy efficiency thematic area in Nigeria today.

OUR VISION

CREDC is working towards a world where development is achieved sustainably at the local, national and regional levels.

RECOGNITION/AWARDS

UN NGO Special Consultative Status

The Economic and Social Council (ECOSOC) of the United Nations at its Substantive Session of July 2013 adopted the recommendation of the Committee on Non-Governmental Organizations (NGOs) to grant **Special consultative status** to Community Research and Development Centre.

Awards

In the 2013 edition of the Nigeria Alternative Energy Expo, Mathesis Consulting based in the UK presented the National Energy Award for Community Engagement category to CREDC in recognition of her effort in promoting renewable energy technology and energy efficiency both at the community and national levels.

INTRODUCTION

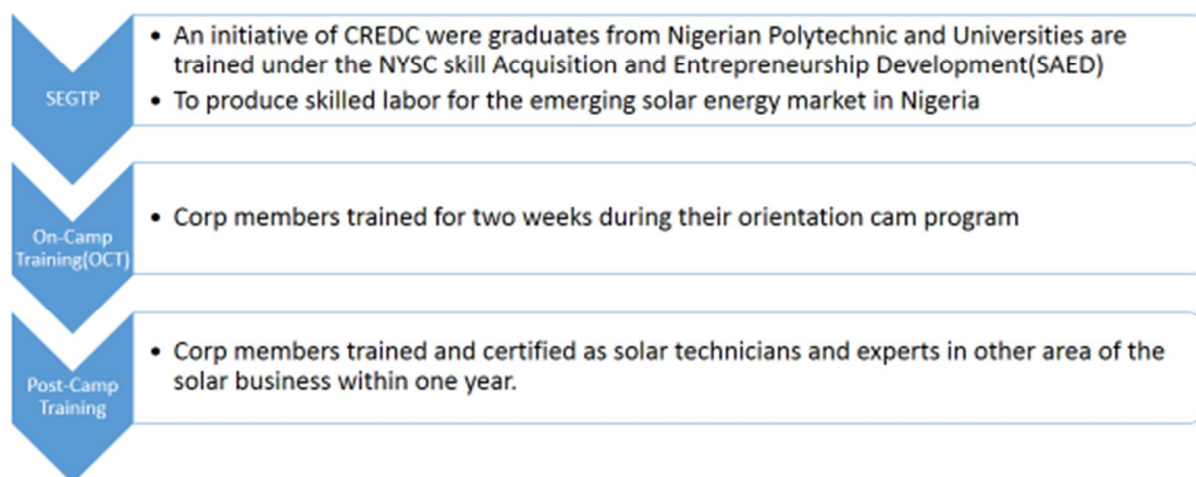
The Solar Energy Graduate Trainee Program (SEGTP) was inaugurated in November 2015 by the Community Research and Development Centre (CREDC) in partnership with Edo State chapter of the National Youth Service Corp under the Skill Acquisition and Entrepreneurship Development (SAED) scheme. The SAED scheme meant to sensitize corps members on the realities of the Nigerian job market and also provide them with foundation entrepreneurship and practical skills which will allow them to explore the options of self-employment or starting up their own business.

Amongst the different skills the corps members are thought which include; Agro-Allied, Food Processing/Preservation, Culture and Tourism, Cosmetology, ICT, Construction, Environment, Beautification, Power and Energy, Education, Film and Photography and Automobile, CREDC is in charge of Power and Energy.

(SEGTP)

The Solar Energy Graduate Trainee Program (SEGTP) is a platform on which CREDC fully implements the SAED scheme as it relate to Power and Energy thematic area of the scheme. The training is broken into two; On-Camp Training (OCT) where corps members are trained for two (2) weeks during their three weeks compulsory orientation camp program. They are introduced to solar PV technology installation and maintenance. The second phase is; Post-Camp Training (PCT). After the orientation camp, corps members who were trained under the power and energy thematic area will now enroll fully for a one year post camp program where they are exposed to practical field experience of solar pv applications including household solar systems, community solar projects, solar borehole, maintenance, etc.

Solar Energy Graduate Trainee Program(SEGTP)



ON-CAMP TRAINING (OCT) FOR 2015 BATCH “B” CORP MEMBERS

The 2015 batch B orientation camp was broken into two streams with separate orientation camp programs. The orientation camp for stream one was held between Wednesday 28th October and Monday 16th of November 2015 while the second stream was held between Wednesday 26th of November and Monday 14th December 2015 at the Edo State NYSC orientation camp ground in Okada, the local government capital of Ovia North-East Local Government Area.

In each stream, the on-camp training lasted for a period of two (2) weeks. The OCT program is as follows;

Theoretical Training:

Under this section, corps members were taught the different components of a solar system, how to design a simple solar system and also how to and where to get these various components to buy. They were also introduced to common terms used in solar pv systems.

Practical Training:

Corps members were broken into twenty (20) groups of seven corps members each. A practical demonstration of how to connect the various component of solar system are connected was carried out after which each group took turn out to try their hand on the equipment under the supervision of CREDC technical team members deployed for this training.



Cross-Section of Corp Members during the on-camp training.

Exhibition Day:

On this day, all corps members trained are given the opportunity to showcase their skill to NYSC officials and other guest. They demonstrate how the system works and also give a little talk on solar energy. In each stream, a corps member is chosen to speak on behalf of the group.

POST-CAMP TRAINING (PCT) FOR 2015 BATCH “B” CORP MEMBERS

After the three (3) weeks orientation camp program organized by the NYSC, corps members are expected to continue their training under the post camp training(PCT) at CREDC office in Benin city were they undergo a nine (9) months intensive training program broken into three phases;

- Theoretical sessions
- Practical hands-on
- Field work