



PROJECT NAME AND CODE

ACTIVITY/MONITORING REPORT

DATE: 10/10/2013

OFFICER: Job Tonye, W2W Field Officer and Lucien Yoppa, Project Officer

ACTIVITY: Visit to ACREST

RESULT INDICATOR: Technology transfers under a partnership framework for projects' functional skill trainings

TARGET GROUP OF THE ACTIVITY: FCTV Douala project team

PLACE: ACREST in Bangang

DURATION: 2 days

PARTICIPANTS (number): 7 (with 4 from ACREST and 3 from FCTV)

MALE: 6

FEMALE: 1

DESCRIPTION OF THE ACTIVITY:

- © Meeting with ACREST's administrator and Director on the rational of our visit following with a brief presentation of organisation in which we are involved
- © Visit of ACREST Technical units to see what ACREST team has been doing
- © Meeting round technology transfers as regard to the inspection

COMMENTS ON THE ACTIVITY:

We left from Douala at 5 PM on Friday 4th 2013 and arrived in Dschang at 9 PM for having a rest before early on Saturday 5th 2013 go to Bangang and be on time as we specified to Mr Isidor SONWE, ACREST Director.

We reached ACREST at 10 AM on Saturday 5th 2013 and our first meeting started.

© 1st meeting:

Mrs Beatrice (ACREST Admin) opened the meeting by introducing herself as well as introduce Mr Isidor SONWE (ACREST Director). She expressed to have more information about the rational of our visit because she known that we were coming from mail exchanges.

Then Mr Mama (FCTV National Coordinator) took the meeting floor by introducing himself and ourselves (Ibrahim, Job and Lucien). His continuous by stating that this was the second FCTV visit in ACREST which the first was to be in touch with ACREST following a brief presentation of FCTV generally (focusing in Douala activities). Leaflets have been distributed at the same time, He also said this visit is about ACREST technology transfers in Douala by training SMEs from W2W and LCE

projects which can able them to replicate (sales, training sessions) technologies locally and may be nationally. Again, he said that ACREST technical members could act as training facilitators under well-defined ToRs and partnership contract.

It was asking me to speak about LCE project and its expectation deriving to this visit. I presented the project as usual which is aiming to promote low carbon technologies in Douala slum through full trained SMEs and this visit was for providing us with relevant products that can be ranged in low carbon technology products, affordable for slum dwellers and therefore be promote by the project. Afterwards, the floor was given to Job (W2W Field Officer) to say more about W2W project and its expectation by the end of that journey. He handover a document with briefly present the rational of his visit in ACREST with a request from CLUB BIOLOGIE of University of Douala on Briquette/green coal training. He was expecting by the end of this day to firstly have more information on turning bio-organic waste to green coal/briquette process, feasibility conditions of a training session in terms of material required, and other things, and also see whether other technologies could also be replenished in Douala by W2W's SMEs.

Mrs Beatrice continuous by providing us a further presentation of ACREST which has been created in 2005 with the purpose of improving living conditions of dwellers in informal settlements through the use of natural resources for sustainable development.

She said that ACREST has been involved in different common types of renewable solutions:

- ® **Micro Hydro plants.** She said that ACREST supplies its electricity from an hydro plant (90 MW) which is enough to let them carry on their day-to-day activities
- ® **Solar solutions.** PV and thermal parts (manufacturing, montage and assembly as well as training provider)
- ® **Wind solutions.**
- ® **Biomass.** Which consist of improved cooking stoves, green coal, Biogas 16m³ for feeding 5 households
- ® **Filtering solutions**

She specified that all those solutions are developed within several units such as welding, production, drying, etc.

© **Visit to ACREST technical units:**

See below pictures that easily illustrate the field visit. As Mrs Beatrice said that all of those products have already been successfully test successfully in the past (a number of them have been tested during our visit).

© **2nd meeting:**

After return from the field visit, we had a coffee break while discussed more on technology transfers.

For LCE project, only their solar lamp (similar in form to kerosene lamp as you will see on picture below), improved cooking stove (ICS) using green coal as combustible, and Wonder bag were relevant and could be replenished in Douala through our entrepreneurs. We exchange about the feasibility of training sessions on these products. They believe that their actual engineer is available for carry on these activities. They said that he has already facilitated training sessions for woman in Nigeria on how to build a solar lamp. Amongst these products, only there were a huge number of improved cooking stoves and just prototypes for the other, then we were not be able to get back with a sample to showcase at least during our business workshop. However we're going to use those actually in FCTV Douala office (ICS with green coal, solar bulb, an Awango products from Total, and Zenon product)

For W2W project, the main concern was about the feasibility of green coal training in Douala in terms of materials, time, fund required. Since this can also be profitable for ACREST in terms of visibility, this could be done through a co-financing scheme.

For all of these, exchanges mail could let us establish training strategies to see those training efficiently effective.

This meeting ended at 3.30 PM and we left ACREST at 4 PM to make for Bafoussam to have a rest there before going back to Douala on Sunday 6th 2013.

NEXT ACTIVITY ON THE RESULT

Discuss with ACREST on the training strategies through mail exchanges. In terms of LCE project, we will see the possibility to order 100 up to 200 Solar Motion lights from China (Bonar Technology) as well as order 2 other green products locally.

PICTURES



Image 1: Wonder bag



Image 2: Improved Cooking Stove



Image 3: Solar cooker and a Drier solar (on the right)



Image 4: Green Coal

Image 5: Brick made with clay



Image 6: From the left to the right - Wind product, Solar lamp, bike, and electrical appliances



Image 7: From the left to the right - Ceramic filter, Natural filter, Hot water producer



Image 8: Family photo