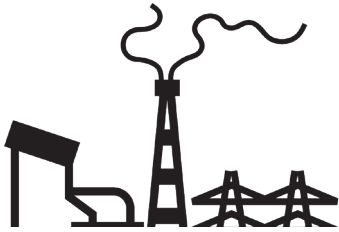




Photo: Eastlink Consulting

ISED I and MMT: Monitoring the Impact of the Coal-Fired Power Plant Construction in Davao City

ISED I Report
for the Month of May 2014



Coal-Fired Power Plant: Monitoring the Construction Progress and Other Preparatory Activities Prior to Operation

The Ateneo de Davao University (ADDU), through the University Community Engagement and Advocacy Council (UCEAC) and the Institute for Socio-Economic Development Initiatives (ISED), is part of the Multi-Partite Monitoring Team (MMT). The team is organized to encourage public participation, promote greater stakeholder vigilance and provide appropriate check and balance mechanisms in the monitoring of project implementation.

For the month of May, there were two major activities:

A. Therma-South Inc. (TSI) - MMT Special Meeting

A special meeting was held last May 9, 2014 to discuss the updates of the power plant construction. The highlights of the meeting included the following:

- **Contracted capacities of TSI as of March 2014**, which now stood at 260 MW from 23 different power distribution companies and cooperatives. The remaining 40 MW is reserved by the company for its internal use or "houseload".
- **Still on the construction stage:** Process Water Treatment Facility, Boiler Area, and Coal Dome.
- **Presentation of the Report on the results of the Compliance Monitoring held last April 10-11.** It was found that the TSI was compliant with the requirements of Environmental Clearance Certificate and Environmental Management Plan.
- **TSI has an ongoing Carbon Sink Management Plan (CSMP) Implementation**, working closely with the Matigsalog Tribes in planting trees. The plan

targets to cover about 100 hectares. At present, they have covered about 26 hectares and have planted narra, mahogany, calliandra, Dgvan, and other dipterocarp species.

- **TSI has deposited** Php 500,000 for the EMF Account and another Php 5 million for the EGF account at the BDO-SM Ecoland.

B. Public Consultation on the Proposed TSI Energy Expansion Project

More than 100 participants attended the public consultation, representing the residents of Brgy. Binugao in Toril District (site of the power plant) and the civil society organizations (CSO). TSI has proposed for additional capacity of 345 MW, equivalent to construction two (2) units of 152.5 MW boilers.

The City Council of Davao approved the expansion provided that additional 1-million trees will be planted, and an ecological landscape plan be crafted. The highlights of the consultation included the following:

- The additional capacity was proposed because Mindanao still lacked power supply as projected by the Department of Energy
- The additional capacity would not adversely affect the fresh and coastal waters near the plant site
- Skilled and unskilled workers will be employed, primarily the people from Brgy. Binugao and Brgy. Inawayan
- Additional parameters should be added in the Environmental Impact Assessment, particularly the wildlife and presence of the pawikan (marine turtle) sanctuary in Matina Aplaya

For the full report, please refer at the end of this document.



Photo: Aboitiz Power

DAR-ARCESS:

Monitoring Progress and Process in the Provision of Agri-Extension Services to Agrarian Reform Beneficiary Organizations in Davao Region

Lot A - Team

1. Meetings

- Attended various meetings conducted in respective Provinces
- Attended BoD and GA meeting, ISEDI gave brief orientation on PPM and AES for DAR-ARCESS Project. Imparted the importance to sustain their organization and encouraged them to continue what they have started despite all the ups and downs they experienced which, eventually, will hone them to become more effective, efficient and stronger organization.

2. ARBO Satisfaction Survey

- Conducted with 3 ARBOs of Davao Oriental; 3 ARBOs of Compostela Valley and Davao del Norte ARBOs

3. Re-Echo on TOT on Local Technicians

- Province of Davao Oriental:
 - Topics: Farm Planning, Cultural Practices and Fertilization. BFI Tapped Resource Person from PCA Mr. Jonelito Vicente. A total of 112 participants (BSMPC,MEFCO, KARBEMCO and MAGREBCO).
- Province of Compostela Valley:
 - Topics: Organic Rice Farming. BFI staff act as Resource Person. A total of 52 participants (LIFICO and NARCICO).
- Province of Davao del Norte:
 - Topics: Organic Rice Farming. BFI staff act as Resource Person. A total of 60 participants (ASAWA – MPC, NECOFARM and PAFIMCO)

4. Coordination Meetings

- DARPO-Compostela Valley – May 13, 2014 – initial discussion with the ARCESS point person regarding BFI-AES accomplishment
- DARPO-Davao del Norte – May 26, 2014
- DARPO-Davao Oriental – May 28, 2014
- Updated BFI-AES accomplishments as of May 15, 2014
- Presented ISEDI Workplan vs results and targets
- Identified and agreed on schedule of activities not conducted by BFI-AES based on their workplan.
- CARPO Arlene Linsag sighted that, for Business matching activity, BFI should identify funding

agencies that has a window on provision of capitalization for buy and sell enterprise which is the most commonly identified need of ARBOs.

- With the remaining 3 months, BABAS committed to provides the remaining deliverable and balances, schedules will be detailed in their new re-entry plan

Lot B - Team

1. Meetings

- Sugarcane Regulatory Administration (SRA) with DASUCECO and ISEDI conducted meeting with the San Isidro MPC farmers to convince them on block farming on their sugarcane farms. DASUCECO will help in the financing in terms of loan
- Ms. Gloria Penera attended series BOD Meeting to finalize DOSE coaching and mentoring activity on Cacao Production Technology

2. Coaching and Mentoring

- Validation / Finalization of Business Plan of St. Michael MPC. DOSE went to SMMPC, Magsaysay, Davao del Sur after the conduct of Business Planning Training held in Digos City. They coached and finalized the records which were not completed during the training especially the Business Plan for the CSF
- In Davao City, 26 ARBs from 14 ARBs attended the coaching and mentoring conducted by DOSE

3. Training

- DOSE conducted Financial Delinquency Training held last May 29-30. The participants were from KIMFACO (lead ARBO in Davao del Sur) and the 5 BARBCO officers from Davao City.

4. Coordination Meetings

- Coordination meeting at Pasig Agrarian Reform Beneficiaries Upland Farmers MPC (PARBUFMPC) with SRA and ISEDI
 - Update the status of their block farm
 - On going planting of sugarcane
 - Schedule training that supposed to be June 16-18, 2014 postponed on first week of August because non availability of the resource person

Balik Uma Campaign:

A Sustainable Agriculture Production and Rainforestation Program for Food Security and Community Resilience



No. of Beneficiaries



Rice Farm - Area Planted (in ha)



Corn Farm - Area Planted (in ha)



Rice Subsidy (in sacks)

	No. of Beneficiaries	Rice Farm - Area Planted (in ha)	Corn Farm - Area Planted (in ha)	Rice Subsidy (in sacks)
Sitio Letter V	30	9 ha	<ul style="list-style-type: none"> 19 ha for individual farmers 2 ha for communal farm 	7 sacks
Sitio Side 4	50	23 ha	<ul style="list-style-type: none"> Land preparation 8 sacks of corn seeds 	5 sacks
Sitio Bongkilaton	20	1 ha - fruiting stage	<ul style="list-style-type: none"> 6 ha for individual farmers 0.5 ha for communal farm 	4 sacks
Sitio Mambosao	30	-	<ul style="list-style-type: none"> 5 ha for individual farmers 0.5 ha for communal farm 4 sacks of corn seeds 	4 sacks
Sitio Bango	60	Farm clearing	<ul style="list-style-type: none"> 4 sacks of corn seeds 	4 sacks
Sitio Puting Bato (additional area)	60	-	-	2 sacks

Diversified Farming System - Rehabilitation of Community Farms

TRAINING



- Training on Sustainable Agriculture and Effect of Climate Change to the Environment
 - May 22-23, 2014 with 41 participants (26 males; 16 females)
 - May 29-30, 2014 with 39 participants (31 males; 8 females)
- ISEDI Tapped, Resource Person Mr. Crisostomo Genosas, Project Manager of METSA Foundation

COMMUNAL FARMS



Twenty (20) hectares were rehabilitated (12 ha. in Brgy. Prosperidad and 8 ha. in Brgy. Casoon) were fully planted with latundan and lakatan banana

BENEFICIARIES



- A total of three hundred twenty (320) project beneficiaries (195 in Brgy. Prosperidad and 125 in Brgy. Casoon) were assisted

DAR ARCESS:

Business Development Services in Zamboanga Peninsula

DAR-Regional Office IX engaged the ISEDI to provide business development services to ARBOs by strengthening their capability to manage their organizations and their enterprises. With enhanced capacities, these ARBOs, particularly the officers, will be able to plan, enforce policies and systems, and compete in the market segments they choose to operate.

Highlights for the month of May:

- Conducted courtesy call – Regional and Provincial Level
- Validation to ARBOs – A total of 24 ARBOs from Zamboanga del Norte, Zamboanga Sibugay and Zamboanga del Norte
- Submitted Inception Final Report

DATE, ACTIVITY, AND PARTICIPANTS	AGENDA	DISCUSSION AND AGREEMENTS REACHED
<p>9 May 2014 TSI - MMT Special Meeting MMT Officers and Members</p>	<p>TSI Project Update</p>	<p>Update:</p> <p>A)Contracted Capacities as of March 2014</p> <ul style="list-style-type: none"> •Agusan del Sur Electric Cooperative = 10 MW •Agusan del Norte Electric Cooperative = 1 MW •Bukidnon Second Electric Coop = 2 MW •Cagayan de Oro Power & Light Company = 30 MW •Cotabato Electric Cooperative = 10 MW •Cotabato Electric Coope (COTELCO-PPALMA = 4MW •Cotabato Light & Power Company = 5 MW •Davao del Norte Electric Cooperative = 17 MW •Davao del Sur Electric Cooperative = 10 MW •Davao Light and Power Company =100 MW •Davao Oriental Electric Cooperative = 5 MW •Iligan Light & Power Incorporated (ILPI) = •Misamis Occidental 1 Electric Cooperative (MOE-LCO-1)= •Misamis Oriental Electric Cooperative = •South Cotabato 1 Electric Cooperative = 2 MW •South Cotabato II Electric Cooperative = 5 MW •Sultan Kudarat Electric Cooperative = 8 MW •Surigao del Norte Electric Cooperative = 5 MW •Surigao del Sur Electric Cooperative = 3 MW •Surigao del Sur Electric Cooperative = 5 MW •Zamboanga del Norte Electric Coop = 10 MW •ZAMBOANGA DEL SUR 1 ELECTRIC COOP -1 = 10 MW •ZAMBOANGA DEL SUR 2 ELECTRIC COOP-2 = 5 MW <p>Total: 260 MW out of 300 MW and the 40 MW is for internal use or “houseload” of TSI</p> <p>B)Construction Update:</p> <p>The Process Water Treatment Facility, Boiler Area and Coal Dome still on the construction stage</p> <p>C)Environmental Updates on the MMT Activity:</p> <ul style="list-style-type: none"> •Conducted Compliance Monitoring and Preparation of validation report last April 10-11, 2014 – the validated activities of TSI were in compliant with the requirements of ECC and Environmental Management Plan (EMP) •EMF and EGF Accounts – opened at BDO-SM Ecoland Branch>For EMF with P500,000.00 deposit and EGF with P5,000,000.00 deposit •On-going Carbon Sink Management (CSMP) Implementation

DATE, ACTIVITY, VENUE, AND PARTICIPANTS	AGENDA	DISCUSSION AND AGREEMENTS REACHED
	<p>Presentation of Result of the MMT Compliance Monitoring and Verification Report to EXECOM</p>	<p>The result on the CMVR: A) Stipulated in Environmental Compliance Certificate (ECC) – the MMT has checked TSI documentary compliance to the conditions stipulated in the ECC A.1) Compliance to ECC conditions</p> <ul style="list-style-type: none"> • As to Environmental Management and General Conditions – TSI has complied all the ECC conditions <p>A.2) Compliance to Environmental Management Plan (EMP) Commitments - the MMT has checked TSI compliance to the commitments made in the EMP</p> <ul style="list-style-type: none"> • As to Project Impact on Air, People, Water and Solid waste – TSI has complied all the EMP conditions <p>Note: see attached documents on Compliance Monitoring and Validation Report</p>
	<p>Presentation of Carbon Sink Management and Status of Implementation</p>	<p>On-going Carbon Sink Management (CSMP) Implementation with Target Partner-Beneficiaries:</p> <p>A) Implementation of CSMP updates in Brgy. Marilog Proper</p> <ul style="list-style-type: none"> • CSMP Local Trainers: as 1st batch CSMP Champions (criteria) <ul style="list-style-type: none"> o The team is composed of indigenous people coming from the Matigsalog Tribe o Has a demo farm to showcase o Willing to share actual farming experience and knowledge o To attend/participate training. • Conducted Capability Building Training for 50 New Partner-Beneficiaries last April 23-25, 2014: <ul style="list-style-type: none"> o Nursery Establishment o Preparation of Individual Farms • Orientation of new 50 potential partner-beneficiaries <ul style="list-style-type: none"> o Coming from 24 Sitios o Sitio leader of the 24 sitios is given priority o Immediate next steps: <ul style="list-style-type: none"> o Finalization of the list of partners by MACO-EMADDCI o To conduct capability building training – on trainor’s training realized April 7-8, 2014

DATE, ACTIVITY, VENUE, AND PARTICIPANTS	AGENDA	DISCUSSION AND AGREEMENTS REACHED
		<ul style="list-style-type: none"> •Reorganization of Womens Association <ul style="list-style-type: none"> o Election of new sets of officers o Renewal of accreditation o Processing of Receipts o Potential for handling projects for women as indicated in the MOA •Released of 2nd tranche of financial assistance amounting to P255,000.00 to 51 partners-beneficiaries on February 12, 2014 for the continuing CSMP implementation through reforestation and agroforestry •Distributed additional 6,900 indigenous tree seedlings <ul style="list-style-type: none"> o 26,160 indigenous trees planted and maintained covering around 26 hectares as of February 2014 o Trees planted: Narra, Mahogany, Calliandra, Dguan, and other dipterocarps o The actual planting site was visited by Hon. Marissa Abella, with representatives from DENR-XI, City Environment and Natural Resources, City Agriculture Office, and IP Leaders on February 28, 2014 •Identified Issues: <ul style="list-style-type: none"> oTidal action: erosion/deposition of sandy soils in coastlines oLand ownership oSubstrate oContinued mangrove biomas extraction •Recommendation: <ul style="list-style-type: none"> oExpand the coverage to include other suitable plant species such as beach forests, vines, and grasses – expand into a broader context as “Coastal Forest Ecosystem Rehabilitation and Improvement” oImmediate next step: Preparation of detailed work and financial for the implementation of the project in Brgys: Darong, Inawayan, Binugao and Sirawan

DATE, ACTIVITY, VENUE, AND PARTICIPANTS	AGENDA	DISCUSSION AND AGREEMENTS REACHED
		<p>B)Implementation of CSMP in Brgy. Tibuloy and Brgy. Baracatan</p> <ul style="list-style-type: none"> •Conducted strategic planning with target partner-beneficiaries within the Inawayan and Binugao River Watershed, April 2-3, 2014 •Identified planting area is about 70 hectares (50 hectares in Brgy. Tibuloy and 20 hectares in Brgy. Baracatan) •Target area is 100 hectares •Reforestation and agroforestry will focus on the riverbanks and riparian zones •Immediate next steps: Capability building training on nursery establishment and soil and water conservation
	TSI Proposed Expansion	<p>Davao City:</p> <ul style="list-style-type: none"> o The Sangguniang Panglungsod has approved under second reading the proposed additional 345 MW of TSI, with the following conditions: <ul style="list-style-type: none"> • Additional 1-million trees to be planted • Ecological landscape plan to be crafted <p>Sta. Cruz:</p> <ul style="list-style-type: none"> o The Municipal Council has also approved and endorsed the proposed expansion <p>Immediate next steps:</p> <ul style="list-style-type: none"> o Conduct of Public Consultation on May 13, 2014 at Brgys. Binugao and Inawayan
<p>13 May 2014 A Public Consultation on the Proposed TSI Energy Expansion Project Constitutents of Brgy. Binugao, Toril and some invited CSOs</p>	<p>Presentation of the Environmental Impact Assessment on TSI Energy Expansion</p>	<p>Flow of the Activity:</p> <ul style="list-style-type: none"> • The activity started at 10:30 AM • 100 participants were expected to attend comprising the brgy. Binugao constituents and from CSO's and academe in Davaao City

DATE, ACTIVITY, VENUE, AND PARTICIPANTS	AGENDA	DISCUSSION AND AGREEMENTS REACHED
		<ul style="list-style-type: none"> • Highlights : <ul style="list-style-type: none"> o EMB representative from DENR RXI gave the rationale on the need for a public consultation whenever there's a proposed project related to environmental concerns – esp. TSI proposed energy expansion so that the community would know o Jason C. Magnaye – CSR Manager of TSI, presented the Project Background of the proposed TSI energy expansion and to add 2 unit of 172.50MW boilers o Marijo D. Macaldo of Apercu Consultants Inc. – commissioned by TSI to conduct the Environmental Impact Assessment (EIA) on the proposed energy expansion presented the results of the assessment . The purpose of the EIA is a needed requirements for the ECC amendments of the TSI expansion . The EIA made on the aspect of Land, Air, Water and People o During the activity, questions /clarifications asked were on: <ul style="list-style-type: none"> • <i>Why now decide on energy expansion even if the first project not yet in operational</i> : TSI decided to go into expansion since it still lack energy power as projected by the DOE • Other questions/clarification pertaining to the energy expansion <ul style="list-style-type: none"> • <i>If it will affect the fresh and coastal water – response:</i> it will not affect • <i>Health issues:</i> Already established baseline data and can already assess if the project will have related health issues • <i>About CSMP:</i> to plant additional 1M trees • <i>Employment generatio:</i> 2 types of workers to be employed (skilled and unskilled) and community in brgy. Binugao and Brgy. Inawayan are priority brgys to be employed • <i>Price of power/energy:</i> cheaper or not – response, it's the DLPC who will price the power not TSI – thus, there will be a standard price for the power to the consuming public

DATE, ACTIVITY, VENUE, AND PARTICIPANTS	AGENDA	DISCUSSION AND AGREEMENTS REACHED
		<ul style="list-style-type: none"> • Suggestions to be included in the EIA: Other parameters of the study like wildlife and the presence of pawikan sanctuary in Matina Aplaya • Need further study on the impact to the coastal environment • Other Suggestions from the audience: better if TSI has done energy audit to have energy efficiency program before having energy expansion on Coal-Fired Power Plant • Representative from DENR National – facilitated the next steps of the EIA process: <ul style="list-style-type: none"> • Reiterated to the audience that the public consultations is part of the EIA process • There will be a reviewed of the documents of the EIA study done by Apercu Consultants Inc. • All the comments and suggestion made during the public consultation will be incorporated in the study • TSI will conduct continuous IEC all through the project life to the community • Copy on EIA will be only made available to the public once it is already approved by DENR • The Public consultation ended at 1:45 PM