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USAID Indonesia
Cooperative Agreement No. 497-A-00-02-00021-00

Quarterly Program Performance Report
Period: May – July 2002

**Promoting Foreign Investment in Indonesian Projects:
Reducing Global GHG Emissions and Fostering Local
Sustainable Development**

Yayasan Bina Usaha Lingkungan (YBUL)
September 2002

PART I: PROGRESS NARRATIVE

1. INTRODUCTION

This part of the report outlines the details of activities that have been carried out by Yayasan Bina Usaha Lingkungan (YBUL) during the first three months of the implementation of the USAID Cooperative Agreement No. 497-A-00-02-00021-00 of a program entitled "Promoting Foreign Investment in Indonesia: Reducing Global GHG Emissions and Fostering Sustainable Development".

Based on the description in the Program Description of the Cooperative Agreement and the proposed timetable of the Program Activity, the major activity carried out in the first three months of the program is a Capacity Building Workshop on Development of GHG Emission Reduction Projects.

The content of this part of the report will describe the process to accomplish the event, the outcomes resulted, and difficulties encountered. Opportunities arising for the future implementation of Program Activity will also be discussed.

2. CAPACITY BUILDING WORKSHOP ON DEVELOPMENT OF GHG EMISSION REDUCTION PROJECTS

Development of a GHG emission reduction activity/project will involve unique procedures and modalities that must be learned, clearly understood, and executable by all parties involved. Technical elements of emission reduction or clean energy projects and, the expectations of potential Annex-1 investors/emissions buyers, are all new concepts to Indonesia.

The CERs and financial revenues generated through project activity may be shared between the investor and the hosts, according to the negotiated contract between them. In this regard, the unequal levels of knowledge and capacity between the investors and hosts, including their negotiating capabilities, could lead to a situation of exploitation and contractual inequality. This could be addressed by exploring options such as laying out broad guidelines on equity and providing negotiating support to the developing countries through enhancing local capacity.

Although the country is voluntarily engaging in emission reduction activities through several AIJ projects and has some experience with clean energy investment, the capacity of Indonesian private and public sectors in general to develop such projects is presumably limited.

Since a common level of knowledge between project investors and Indonesian project proponents on what issues a GHG emission reduction project will involve must exist to guarantee an all-winner situation for both parties, building capacity of Indonesian proponents is necessary. Until Indonesia (private and public sector entities) masters the process and substance of creating such projects, majority of such investment will continue to be made outside Indonesia. Workshop is seen as one of the most effective tools for building the capacity of Indonesian project proponents.

2.1. Organisation of the workshop

To maintain the effectiveness of the event and to ensure the objectives of the workshop are achieved, and considering the availability of speakers and/or investors that will come to the meeting, it was decided to separate the Capacity Building Workshop from the Business Roundtable.

The main objectives of the capacity building workshop were to:

1. Raise awareness and understanding on the issues of climate change, in relations with GHG emission reduction projects and initiatives;
2. Build participant's capacity in formulating an accountable emission reduction or clean energy project.

In conducting the workshop, YBUL has forged partnership with the International Emissions Trading Association (IETA)¹. The workshop was held on 29-30 July 2002 in The Park Lane Hotel, Jakarta. Several electronic and printed media were also invited to the workshop.

2.2. Speakers and topics

IETA has contributed by bringing several international speakers from its organisation members, whose expertise in key areas (project financing, emission trading and GHG markets, legal and contract arrangements, etc) are very needed to build the capacity of the participants in this workshop. These speakers have come and speak at no costs.

IETA members are organisations representing a variety of interests, with which Indonesian project promoters may have to deal later in real situation. Therefore, bringing more international speakers of various backgrounds to the event would enrich Indonesian participants' knowledge and capacity on building such projects. No additional costs were incurred for all IETA speakers.

It was thought crucial to know the what their views on how to build quality GHG emission reduction projects; thus, the design of the workshop was such that in each session, a particular topic was discussed by several speakers who viewed the topic from different point of views.

In addition to speakers from IETA, YBUL invited prominent figures and international experts to speak on several issues, e.g. Academic to speak on Baseline Development and Costa Rican government official to speak on Institutional Arrangement.

The agenda of the workshop was designed as such to accommodate all topics need to be understood by project proponents, including host country approval process and national CDM project eligibility.

¹ IETA is a prominent non-profit organisation which was formed mainly to establish international framework for trading greenhouse gases emission reductions. Its members include leading international companies across the carbon trading cycle, which seek to develop an emission trading regime that results in real and verifiable GHG emission reductions balancing economic efficiency with environmental integrity and social equity.

In this event, YBUL has successfully invited the State Minister of Environment, HE Nabel Makarim to give his remarks and officially opened the workshop.

A total of twenty-four (24) speakers attending this workshop (including key note speakers).

Attachment 1 contains the agenda of the workshop. All presentation materials are available in the attached CD titled "Proceeding: Workshop on Development of GHG Emission Reduction Projects".

2.3. Participants

Private and public sectors in developing countries could enter the emerging global market for GHG emission credits. The following business opportunities have been identified:

- Project proponent
- Technology/service suppliers
- Project operators
- Designated operational entities
- Key decision makers
- Relevant stakeholders

Therefore, the target groups of this workshop were those coming from various backgrounds: entrepreneurs/private sector, consultants, government officers in relevant departments and members of parliaments, and NGOs. At present, however, since projects related to GHG emission reductions projects and GHG trading are still relatively new subjects, players in this field are very limited, both in terms of quantity and quality. Only a handful private and public sectors aware about the impacts of such activities on global climate change.

With a variety of credible speakers and presenters, the event would provide an excellent opportunity for Indonesian participants to gain more knowledge and extensive information shared by them. Therefore, this opportunity has to be opened widely to all stakeholders. The number of Indonesian participants invited to attend and benefit from the workshop has been increased approaching twice of that was originally planned.

A total of 87 (eighty seven) participants including all speakers, from targeted 40, have attended the event. List of participants is available in Attachment 2.

2.4. Discussion session

After each session, time was allowed for asking for clarification and questions, giving comments, and developing short discussions. The whole process was recorded and the minutes of this discussion is available in the electronic form in the CD attached.

2.5. Questionnaire

At the beginning of the workshop, participants were given a two-page questionnaire asking them to assess the program and the organisation of the workshop. Results of the questionnaire are presented in Attachment 3.

2.6. Output

The output of the workshop is a Proceeding that contains all information on the workshop including presentations from all presenters, minutes of discussions, list of participants, and questionnaire results. The Proceeding is presented in the electronic form in a CD, which was sent to all workshop participants.

3. OBSTACLES

There are no major obstacles overseen during the implementation of the workshop. Some difficulties, however, aroused in the early stage when informing targeted participants on the workshop.

Meanwhile it was crucial for groups from certain sectors, particularly industries and consultants, to understand the issues as they would initiate potential GHG emission reduction projects through energy efficiency or fuel switching activities. Thus, prior to formally inviting them to the workshop, YBUL had invested a certain amount of time to brief them on the issues and make them aware on opportunities they could exploit and relevancy of their participation in the workshop. For these participants, one capacity building workshop on GHG Emission Reduction Projects was not enough, which were reflected in their comments on the questionnaire. More efforts need to be done to bring them to the stage where the final outcome of the event, i.e. built capacity on developing GHG Emission Reduction Projects, is achieved.

For those who have been more knowledgeable on the issue, the unclear signal to which direction the Indonesian government will take on this issue also has contributed to the delay in the progress. No private project developers would build any projects without conducive environment, i.e. clear regulations and modalities, are in place.

Therefore, it is anticipated that in the short run it will be unlikely to pipeline many quality Indonesian GHG emission projects.

4. OPPORTUNITIES

The cooperation with IETA has been a successful and a fruitful one. Not only that it helped YBUL as a facilitator in achieving objectives of the event, but more importantly, fostering a strong relationship with the leading emissions trading association and its members has helped Indonesia, in general, understand and develop an ability to participate in the emerging GHG market.

For YBUL as an organisation, the collaboration with IETA has led its association to a broader international networks of business and multi-national organisations, which would serve as a basis for further cooperation and partnerships that would benefit us more.

In fact, an opportunity for collaborating with IETA again has been informally brought about and discussed during the workshop. IETA, in the near future, is planning to hold a business roundtable-like event for the south east Asia region.

to capture carbon market opportunities in the South East Asia, and has shown their interest to work together with YBUL for this event.

PART II: IMPACT MONITORING REPORT

1. INTRODUCTION

This part of the report describes the impacts of the activity as described in Part I against specific objectives and outcomes as outlined in the Program Work plan - Performance Monitoring System.

2. PERFORMANCE MONITORING SYSTEM

The Project Performance Monitoring System is a performance monitoring method to assess the impacts of the project. In this Monitoring System, targeted outputs are identified, and performance indicators are assigned to measure the success of project components. Wherever possible, quantifiable indicators and units of measurements will be used to measure the performance of component against their specific objectives and/or targeted outputs.

For Capacity Building Workshop, performance indicators are categorised into two kinds: Output Indicators and Input Indicators.

2.1. Output Indicators

The following are selected as components of Output Indicators:

- **Output Indicator 1:** Increased awareness and understanding among targeted participants on climate change issues, especially those related to emission reduction projects
- **Output Indicator 2:** Increased knowledge and awareness on carbon market and emission trading regime and initiatives
- **Output Indicator 3:** Improved skill among Indonesian project developers to develop emission reduction projects that are compatible to UNFCCC rules and modalities
- **Output Indicator 4:** Workshop Proceeding

2.2. Input Indicators

The following is the list of input indicators, which illustrate the process of organising the event:

- ♦ Five persons agree to sit in steering committee
- ♦ Five persons agree to sit in organizing committee
- ♦ One Indonesian and one international consultant are appointed
- ♦ Co-organizer is identified
- ♦ A minimum of 3 meetings/discussion among SC to discuss the agenda
- ♦ A minimum of 3 meetings/discussion among OC to discuss specifically the invitation package and project concept format
- ♦ Minimum 50 potential participants are contacted
- ♦ Around 20 potential speakers are contacted
- ♦ A minimum of 3 meetings/discussion among SC to discuss the speakers/topics
- ♦ Minimum of 10 project concepts are received
- ♦ Minimum of 10 papers are received at last one week prior to workshop and
- ♦ multiplied

- ♦ Two OC meetings to design Workshop questionnaire format and content
- ♦ 70 invitations are produced and sent to speakers and Indonesian participants
- ♦ Survey and negotiations to minimum of 2 possible venues are conducted
- ♦ Travel for international speakers are arranged
- Meeting support (f/c machine, LCD, camera, rapporteur, invitation card, seminar kit, etc) is prepared
- ♦ Press release is prepared
- ♦ At least 5 media invited
- ♦ Full attendance of targeted participants

3. ASSESSMENT

3.1. Output Indicators

The assessment of whether the output indicators were prevailing/achieved is based on the results of the questionnaire presented in Attachment 3:

- Output Indicator 1: prevailing/achieved
- Output Indicator 2: prevailing/achieved
- Output Indicator 3: partially achieved -- based on the questionnaire results, project participants would need more in depth-training sessions before could claim a confidence competency
- Output Indicator 4: prevailing/achieved

3.2. Input Indicators

All input indicators in essence have been all accomplished during the preparation of the event. Some highlighting the achievements and under-achievements are:

- 95 persons were contacted and originally listed, 87 were present
- 28 speakers were contacted, 24 attended the workshop
- The coming of the State Minister of Environment to officially opened the workshop
- 10 prominent media were invited, only 2 (two), of the targeted 5, attended the workshop. However, the event was covered in Indonesian daily Suara Pembaruan dated 31st July 2002, in an article titled "Gas CO₂ di negara berkembang laku dijual" (Developing countries' CO₂ is marketable)
- Only 3, out of targeted 10, project concepts were received. Based on YBUL's observations during early preparation of the capacity building workshop, the level of knowledge and capacity in building a GHG emission reduction project was relatively weak. No historical precedence on such projects has hindered most project developers to initiate the building of GHG emission reduction projects that can be 'sold' under Kyoto regulations.

Further assessment based on the results of the questionnaire are:

- Participants thought the topics selected in the workshop were sufficiently covering what they would need to address the GHG emission reduction project and carbon trading issues; however in-depth and longer discussions have been suggested.
- In terms of the assistance provided by YBUL as an organising committee, participants found the assistance were satisfactory and helpful.

- Participant felt that the seating arrangement of the event (roundtable with two screens at each end) could support conducive environment for good and interactive discussions among them.
- In terms of the logistics preparation of the event, participants in general were satisfied with the choice of venue, food and accommodation (for international speakers)

4. CONCLUSION

The workshop in general has been a successful one. The first collaboration with IETA, which brought real key players in the carbon trading businesses, has enhanced the quality of the workshop. The objectives of the workshop to raise awareness and increase knowledge on the carbon related issues are essentially achieved. YBUL, as the organiser of the event, has also gained many benefits from the event.

Attachment 1

WORKSHOP AGENDA

**CAPACITY BUILDING WORKSHOP DEVELOPMENT OF
GHG EMISSION REDUCTION PROJECTS**
The Park Lane, Jakarta, 29-30 July 2002



AGENDA

	Program	Speaker(s)
9.00- 9.10	Welcome	Yani Witjaksono - YBUL Andrei Marcu - IETA
9.10 - 9.25	Opening Address	HE Nabel Makarim - State Minister of Environment
9.25 - 9.45	Keynote speech	Simon Sembiring - Head, The Agency of R & D for Energy and Mineral Resources, Ministry of Energy & Mineral Resources Liana Bratasida - Deputy Minister for Environmental Conservation, State Ministry of Environment
9.45 - 10.00	Coffee Break	
10.00-11.30	Kyoto Protocol and CDM Discussion Moderator: Assistia Semiawan - PT.PLN	Andrei Marcu - IETA Hardiv Situmeang - PT. PLN Indonesia
11.30-13.00	Market of Emission Credits Discussion Moderator: Andrei Marcu - IETA	Kedin Kilgore - Natsource Kenichiro Yamaguchi - Mitsubishi Research Institute Kristian Tangen - Point Carbon
13.00-14.00	Lunch	
14.00-15.30	Impact of GHG emission reduction projects on project bottom line Discussion Moderator: Lolo Panggabean - YBUL	Calliope Webber - bp Assistia Semiawan & Novi Ganefianto - PT. PLN Indonesia and Unocal Geothermal Indonesia
15.30-16.00	Coffee Break	
16.00-17.30	Project Development and Financing Discussion Moderator: Hardiv Situmeang - PT.PLN	Angel Ramos - Tokyo Mitsubishi Mina Guli - PCF Worldbank Barbara van Hellemond & Mark van Wees - Netherlands Embassy & Netherlands ECN
18.30	Dinner	Indonesia Power

	Program	Speaker(s)
8.30-10.00	Host Country Approval: CDM Institutional Arrangement Moderator: Andrei Marcu - IETA	Gunardi - State Ministry of Environment Suharto Satibi - Ministry of Energy & Mineral Resources Paulo Manso - OCIC, Costa Rica Puguh Sugiarto - PENConsulting
10.00-10.15	Coffee Break	
10.15- 11.30	Host Country Approval: Sustainable Development Criteria and Priorities Moderator: Andrei Marcu - IETA	Panel: Andrei Marcu - IETA Gunardi - State Ministry of Environment Lolo Panggabean - YBUL Dicky Hendarto - PT. Koneba
11.30-13.00	Baseline Development Discussion Moderator: Ariesta Ningrum - YBUL	Axel Michaelowa - HWWA David Adams - Environmental Resources Management
13.00-14.00	Lunch	
14.00-15.00	Contracts and Project arrangements Comments & Discussion Moderator: Yandri Hendarto - Unocal	Mina Guli - PCF World Bank/Baker + McKenzie
15.00- 15.30	Coffee Break	
15.30-17.00	Validation, Monitoring and Verification Discussion Moderator: Andrei Marcu - IETA	Panel: Jed Jones - KPMG Simon Dawes - DNV Bruce Telfer - SGS
17.00	Conclusion and Closing	Andrei Marcu - IETA Ariesta Ningrum - YBUL

Attachment 2

LIST OF PARTICIPANTS

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Attachment 3

QUESTIONNAIRE RESULTS

WORKSHOP QUESTIONNAIRE RESULTS

A. Programme

1. Would you think the workshop's objective regarding increased awareness has been achieved

Yes	88%	Comments: - coverage of participants must be enlarged
No	0%	- need many more similar workshops
Not sure	12%	

2. Would you think the workshop's objective regarding capacity building has been achieved

Yes	65%	Comments: - private sector ask too few questions
No	4%	- more trainings and workshops
Not sure	31%	- only updating knowledge
		- more examples and case studies.
		e.g. small scale. gas flaring

3.

Session	Presentation	Expertise	Practical relevance	Session duration
Day 1				
Kyoto Protocol and CDM	2	2	2	2
Market of Emission Credits	2	2	2	2
Impact of GHG emission reduction projects on project bottom line	2	3	2	2
Project Development and Financing	3	3	2	2
Day 2				
Institutional Arrangement	2	2	2	1
Host Country Approval: Sustainable Development	2	2	2	1
Baseline development	3	3	3	2
arrangements	2	3	3	2
Validation, Monitoring and Verification	3	3	3	2

4. Would you like to have more time for discussion/questions and answers

Yes	65%
No	27%
Not sure	8%

5. Would you need more issues/topic than discussed above?

Yes	35%	Comments: - Host country approval
No	62%	- Baseline
Not sure	8%	- CDM board
		- small scale projects and projects in various sectors
		- non-annex 1 experiences in ASEAN
		- trading of CERs
		- change flow of topics
		- too many speakers for 1 topic
		- model for passing qualification for CER purchase
		- too many speakers for 1 topic

6. How did you find the length of workshop?

Too long	4%
Too short	8%
Perfectly fine	92%

7. Specify possible barriers to free and active participation in this workshop, if any.

- time
- speakers speak too fast
- lack of experience and knowledge (participants)
- language

8. After this workshop, are you interested in developing GHG emission projects to be presented during Business Roundtable?

Yes	58%
No	8%
Not sure	23%
Not applicable	15%

9. Do you anticipate barriers/difficulties in developing such projects?

Yes	58%
No	12%
Not sure	19%
Not applicable	15%

Comments: - Host country approval/procedures
 - Baseline
 - local validation
 - funding
 - transaction/brokerage system
 - electricity tariff
 - lack of demand from Annex B
 - legal framework and institution
 - first time to hear about CDM

10. What will be your main expectations of this roundtable meeting

- raising awareness that potential is real
- updated developments
- exchange of ideas between seller and buyer
- assessment of practicability of Indonesian institutions
- assessment of Indonesian competitive position
- clarification of demand from annex B
- successful deal/real transaction
- DOEs roles
- discussion on baseline
- more on brokerage/transaction system
- networks

Workshop Organisation

1. How did you find the choice of venue?

Poor	4%
Good	62%
Excellent	35%

2. How did you find the meeting room and seating arrangement?

Poor	8%
Good	65%
Excellent	27%

3. How did you like the food?

Poor	0%
Good	69%
Excellent	31%

4. How did you find flow of information provided by organising committee prior to the workshop?

Poor	0%
Good	69%
Excellent	31%

5. How did you find the assistance provided by organising committee during the workshop?

Poor	0%
Good	58%
Excellent	42%

6. Please provide any comments for us to improve the organisation of the future events

- follow up workshops for Indonesian participants
- earlier confirmation on date and venue
- "no handphone on" sign
- more accessible venue
- get government officials to attend and for closing
- more days for discussions with presenters
- simultaneous translation