



*ADB/GMS RETA 6440  
REG: Facilitating Regional Power Trading &  
Environmentally Sustainable Development of  
Electricity Infrastructure in the GMS*



## Final Agenda

### Component 2 – Regional EIA Training Workshop

[14 to 18 September 2009, Intercontinental Hotel, Bangkok, Thailand]

#### Objectives of the Regional EIA Training Workshop:

Conduct a Regional Training Workshop on EIA for Power Ministries, Power Generating and Transmission Organizations/Companies and Environmental Authorities, as appropriate in the GMS region, and to build capacity within the relevant stakeholders (power utility and government authorities) in the areas identified by the Consultants and in consultation with the GMS countries. This Activity includes:

- Implementation of the training program, including preparation of training materials, guidelines, policies and references on EIA to be provided to the staff of power utilities and ministries and environmental authorities;
- Conduct an immediate evaluation of the training program;
- Publication of training materials;
- Conduct a follow up evaluation to document the actual impact of the training program to the participants.

The EIA Training Workshop is designed to improve the working knowledge of the participants in EIA methodology and practice with emphasis on improved legislation, new performance criteria and analytical techniques, new issues of concern (transboundary and climate change issues), advances in social and health impact assessment, public participation, and worldwide “best practices” for EIA development and implementation. Participants will develop a better working knowledge and understanding of:

- Environmental assessment policy, procedures and practice;
- EIA document review for adequacy, completeness, and acceptability of proposed mitigation measures;
- The international lending institutions’ requirements for project finance (loans from the IFC’s based on Performance Criteria and the Equator Principles);
- Worldwide “best practices” for mitigation measures to provide social equity and environmental protection;
- How and why public participation is used to modify project design and monitor the adequacy of proposed and implemented mitigation measures.

Participants will gain an appreciation of how the tools of EIA assist responsible power ministries and environment agencies to achieve sustainable development within the country’s stated policy goals of poverty alleviation, livelihood intervention improvement, conservation of natural resources, and management of the environment.



**[ Intercontinental Convention Centre, “Grand Ballroom 2”, 4<sup>th</sup> Floor ]**

Time	Subject	Proposed Speakers
<b>Day 1 - Monday 14 September 2009</b>		
<b>Introduction to SEA and to EIA (Common Training Day)</b>		
<b>08:00 – 08:30</b>	<b>Registration</b>	
<b>08:30 – 09:00</b>	<b>Training Introduction and Presentation of Trainers and Participants</b> (25 minutes)	Dr. Thierry Lefevre
	<b>Q &amp; A</b> (5 minutes)	All Participants
<b>09:00 – 09:30</b>	<b>SEA and EIA in the Context of Sustainable Development</b> (25 minutes)	Dr. Wanpen Wirojanagud
	<b>Q &amp; A</b> (5 minutes)	All Participants
<b>09:30 – 10:00</b>	<b>Introduction to SEA</b> (25 minutes)	Dr. Wanpen Wirojanagud
	<b>Q &amp; A</b> (5 minutes)	All Participants
<b>10:00 – 10:30</b>	<b>Coffee Break</b>	
<b>10:30 – 11:00</b>	<b>Introduction to EIA</b> (25 minutes)	Dr. Richard Frankel
	<b>Q &amp; A</b> (5 minutes)	All Participants
<b>11:00 – 11:30</b>	<b>Introduction to CIA, EMP, SIA, HIA</b> (25 minutes)	Dr. Richard Frankel and Dr. Wanpen Wirojanagud
	<b>Q &amp; A</b> (5 minutes)	All Participants
<b>11:30 – 12:00</b>	<b>Overview on New Considerations in SEA / EIA:</b> <ul style="list-style-type: none"> <li>✓ Global Warming Effect (Carbon Footprint),</li> <li>✓ Transboundary Issues,</li> <li>✓ Environmental Indicators</li> </ul> (25 minutes)	Mr. Lothar Linde, ADB/GMS EOC
	<b>Q &amp; A</b> (5 minutes)	All Participants
<b>12:30 – 14:00</b>	<b>Lunch</b>	
<b>14:00 – 15:00</b>	<b>Overview on Environmental Institutional and Regulatory Frameworks of EIA and EMP in the GMS Countries: a cross-country analysis</b> (Past and Present Status, Identification of Gaps, Weaknesses and Needs) (45 minutes)	Dr. Richard Frankel
	<b>Q &amp; A</b> (15 minutes)	All Participants
<b>15:00 – 15:30</b>	<b>Coffee Break</b>	

<b>15:30 – 16:30</b>	<b>Overview on Environmental Institutional and Regulatory Frameworks of SEA in the GMS Countries: a cross-country analysis</b> (Past and Present Status, Identification of Gaps, Weaknesses and Needs) (45 minutes)	Dr. Wanpen Wirojanagud
	<b>Q &amp; A</b> (15 minutes)	All Participants
<b>16:30 – 17:00</b>	<b>Presentation of Implemented SEA Pilot Project in Vietnam</b> (20 minutes)	Mr. Goran Lifwenborg
	<b>Q &amp; A</b> (10 minutes)	All Participants
<b>17:00 – 17:30</b>	<b>SEA, EIA &amp; EMP Trainings Introduction</b> (30 minutes)	Dr. Thierry Lefevre

**[ Intercontinental Meeting Centre, "Platinum I", Lobby Level ]**

Time	Subject	Proposed Speakers
<b>Day 2 - Tuesday 15 September 2009</b>		
<b>The EIA Process: Issues of Concern for Existing Projects</b>		
<b>09:00 – 10:00</b>	<b>Review of EIA Process and relationship to Project Development</b> (45 minutes)	Dr. Richard Frankel
	<b>Q &amp; A</b> (15 minutes)	All Participants
<b>10:00 – 10:30</b>	<b>Coffee Break</b>	
<b>10:30 – 11:30</b>	<b>Integrating SIA and HIA into the EIA Process</b> (30 minutes)	Dr. Richard Frankel and Dr. Montri Suwanmontri
	<b>Examples of SIA, HIA in Thailand and Lao PDR</b> (15 minutes)	Dr. Richard Frankel and Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (15 minutes)	All Participants
<b>11:30 – 12:30</b>	<b>Introduction to CIA in the EIA Process</b> (15 minutes)	Dr. Richard Frankel
	<b>Case study</b> using Nam Theun 2 Hydropower Project (Lao PDR) (30 minutes)	Dr. Richard Frankel
	<b>Q &amp; A</b> (15 minutes)	All Participants
<b>12:30 – 13:30</b>	<b>Lunch</b>	
<b>13:30 – 14:30</b>	<b>Resettlement, Compensation, Vulnerable Group Issues and Public Participation</b> (20 minutes)	Dr. Montri Suwanmontri
	<b>Case study</b> using Nam Theun 2 Hydropower Project (Lao PDR) (20 minutes)	Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (20 minutes)	All Participants
<b>14:30 – 15:30</b>	<b>Group Discussions: 4 Parallel Groups (one each on 4 key SIA issues)</b> (60 minutes)	All participants
<b>15:30 – 16:00</b>	<b>Coffee Break</b>	
<b>16:00 – 17:30</b>	<b>Group Discussions (Cont.): Presentations by each Group</b> followed by Q & A (60 minutes)	All participants
	<b>Summary Comments and Comparison of Public Involvement in the EIA Process by GMS Members</b> (20 minutes)	All participants Summary by Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (10 minutes)	

**[ Intercontinental Meeting Centre, "Platinum I", Lobby Level ]**

Time	Subject	Proposed Speakers
<b>Day 3 - Wednesday 16 September 2009</b>		
<b>The EIA Process: New Issues under Consideration</b>		
09:00 – 10:00	<b>Transboundary Issues. Reporting, communications and participation by all stakeholders. Options for Settlement of GMS Issues</b> (40 minutes)	<u>Panel Discussion:</u> Dr. Richard Frankel Mr. Voradeth Phonekeo, MRC
	<b>Q &amp; A</b> (15 minutes)	All Participants
10:00 – 10:30	<b>Coffee Break</b>	
10:30 – 11:45	<b>Environmental Indicators for Benchmarking Existing Conditions</b> (guidelines and check lists for standardization across the GMS) (30 minutes)	Dr. Chonchinee Amawatana, ADB/GMS EOC
	<b>Q &amp; A</b> (15 minutes)	All
11:45 – 12:30	<b>Climate Change: Introducing Global Warming Effect</b> (15 minutes)	<u>Panel Discussion:</u> Mr. Sumit Pokhrel, GMS EOC
	<b>Carbon Footprint Analysis into the EIA Process</b> (15 minutes)	Dr. Richard Frankel Dr. Thierry Lefevre
	<b>Q &amp; A</b> (10 minutes)	All Participants
12:30 – 13:30	<b>Lunch</b>	
13:30 – 15:30	<b>Group Discussions:</b> <b>4 Parallel Groups (one each on 4 new issues associated with introducing environmental indicators and climate change into the EIA process)</b> (60 minutes)	All participants
	<b>Reporting and Discussion from each group</b> (40 minutes)	All participants Summary by Dr. Richard Frankel
	<b>Q &amp; A</b> (20 minutes)	All Participants
15:30 – 16:00	<b>Coffee Break</b>	
16:00 – 17:00	<b>IFI Performance Standards and the Equator Principles: Evaluation of EIA Documents and Application to Power Projects</b> (40 minutes)	Mr. Albert Chandler, Chandler & Thong-ek Law Offices Ltd
	<b>Q &amp; A</b> (20 minutes)	All Participants

**[ Intercontinental Meeting Centre, "Platinum I", Lobby Level ]**

Time	Subject	Proposed Speakers
<b>Day 4 - Thursday 17 September 2009</b>		
<b>Environmental and Social Impacts</b>		
<b>09:00 – 10:30</b>	<b>Assessing and Quantification of Social and Environmental Impacts</b> (60 minutes)	<u>Panel Discussion:</u> Dr. Montri Suwanmontri and Dr. Richard Frankel
	<b>Q &amp; A</b> (30 minutes)	All Participants
<b>10:30 – 11:00</b> <b>Coffee Break</b>		
<b>11:00 – 12:30</b>	<b>Qualifying the Significance of Social and Environmental Impacts</b> (60 minutes)	<u>Discussion led by:</u> Dr. Richard Frankel and Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (30 minutes)	All Participants
<b>12:30 – 13:30</b> <b>Lunch</b>		
<b>13:30 – 15:00</b>	<b>Mitigation Measures and Options to Mitigate Social and Environmental Impacts from Power Projects: Review of "Best Practices"</b> (60 minutes)	Dr. Richard Frankel and Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (30 minutes)	All Participants
<b>15:00 – 15:30</b> <b>Coffee Break</b>		
<b>15:30 – 17:00</b>	<b>Group Discussions:</b> <b>4 Parallel Groups on Mitigation Measures: How to Assess Adequacy of Implemented Measures</b> (30 minutes)	All participants
	<b>Presentations by Groups, Q&amp; A</b> (60 minutes)	All participants Summary by Dr. Montri Suwanmontri

**[ Intercontinental Meeting Centre, "Platinum I", Lobby Level ]**

Time	Subject	Proposed Speakers
<b>Day 5 - Friday 18 September 2009</b>		
<b>Environmental Management and Monitoring Plans (EMP): Monitoring, Evaluation and Reporting - Conclusions</b>		
<b>09:00 – 10:00</b>	<b>The Environmental Management and Monitoring Plan (EMP): Developing an Appropriate EMP</b> (60 minutes)	Dr. Richard Frankel
<b>10:00 – 10:30</b>	<b>Coffee Break</b>	
<b>10:30 – 11:15</b>	<b>Assessment, Adequacy, and Budget Development of an EMP</b> (45 minutes)	Dr. Richard Frankel
<b>11:15 – 12:30</b>	<b>Group Discussions: Case Study of the EMP of the Nam Theun 2 Hydropower Project: Evaluation of the EMP</b> <b>4 Parallel Groups</b> (50 minutes)	All participants Review led by Dr. Richard Frankel
	<b>Review, Lessons Learned, Q &amp; A</b> (25 minutes)	All Participants
<b>12:30 – 13:30</b>	<b>Lunch</b>	
<b>13:30 – 14:45</b>	<b>Developing the Budget for an EMP (using the Nam Theun 2 as the case study)</b> (30 minutes)	All participants Review led by Dr. Richard Frankel
	<b>Group Discussions: Checking the Adequacy of the Budget for Environmental Monitoring</b> <b>4 Parallel Groups</b> (30 minutes)	All participants Review led by Dr. Richard Frankel
	<b>Q &amp; A, and Review of Group Results</b> (15 minutes)	All Participants
<b>14:45 – 15:15</b>	<b>Coffee Break</b>	
<b>15:15 – 16:15</b>	<b>Review of EMP Budget Requirements: What Government Agencies must insist on for financing PI and monitoring requirements</b> (40 minutes)	Dr. Richard Frankel and Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (20 minutes)	All Participants
<b>16:15 – 17:00</b>	<b>Improving EIA/EMP Methodology: Recommendations and Reporting</b> (30 minutes)	Dr. Richard Frankel and Dr. Montri Suwanmontri
	<b>Q &amp; A</b> (15 minutes)	All Participants
<b>17:00 – 18:00</b>	<b>Evaluation of the Training and Preparation of Recommendations: Plenum Discussion Closing Ceremony (distribution of diplomas)</b>	All Chaired by Dr. Richard Frankel

## Training Participants

### A- Total Number of Participants to the Training:

- **55 Participants** (estimate) from following Institutions: **Ministries of Environment, Ministries of Energy, Power Regulatory Boards and Power Utilities – Officers from Medium Level Positions in their respective Organizations:**

#### 1- Participants (Financed by Project - 6 Invitees per Country, or 30 persons):

- Two Representatives from the GMS Countries Ministry of Environment (2);
- One Representative from the GMS Countries Ministry of Energy (1);
- Two Representative from the GMS Countries Electric Utility (2);
- One Representative from the GMS Countries Power Regulatory Board (1);

#### 2- Participants from Myanmar (Financed by Other Source - 4 persons):

- One Representative from Ministry of Environment (1);
- One Representative from Ministry of Energy (1);
- One Representative from Ministries of Power No1 (1);
- One Representative from Ministries of Power No2 (1).

#### 3- Invited Experts and Resources Persons (9/12 persons):

- EOCCEP – EPA, Transboundary Impacts and Climate Change Divisions (3);
- Mekong River Commission (1) [Mr. Voradeth Phonekeo Air Travel cost to be covered by the project];
- ADB – SEA and Project Evaluation and Lending Division (1/3)
- SIDA (1/2);
- World Bank (1);
- Others (2).

#### 4- Organizers – Project International Experts (8 persons):

- SEA and EIA Experts (5)
- Project Office in Bangkok (3)

### B- Note:

- 1- **Day 1:** The Training will be common to both SEA and EIA Trainings with an estimated 110 participants;
- 2- **From Day 2 to Day 5:** SEA and EIA Training groups will be separated in different groups of 55 participants each, approximately