

The CGE Global hands-on training workshop on mitigation assessment
Seoul Palace Hotel, Seoul, Republic of Korea
26-30 September 2005

Programme

Background

The Consultative group of experts on national communications from Parties not included in Annex I to the Convention (CGE) is a constituted expert body of the Convention with the overall goal of improving the process of preparing second and subsequent national communications by providing technical advice and support to Parties not included in Annex I to the Convention (non-Annex I Parties). At its eighth session, the Conference of the Parties of the UNFCCC (COP), mandated the CGE to provide technical advice and support, by organizing and conducting workshops, including hands-on training workshops at the regional or subregional level, on inventories, vulnerability and adaptation, and mitigation to assist Parties in preparing their national communications.

In its report to the fifteenth session of the Subsidiary Body for Implementation in 2001, the CGE noted that many non-Annex I Parties had not been able to comprehensively assess the GHG abatement options, their reduction potential, and costs and benefits. The CGE also indicated that the assessment of the impacts of abatement options was limited to economic aspects and that there is a lack of analysis and assessment of environmental, social and economic impacts of mitigation across sectors in the economy.

A review of the list of project proposals submitted by non-Annex I Parties in their initial national communications revealed that Parties took different approaches in providing information in their national communications relating to Article 12, paragraph 4, of the Convention. Some Parties presented information on activities that were being implemented, approved for funding or planned for implementation in the short term. Other Parties identified prioritized areas for mitigation or mitigation options based on national circumstances whereas others identified project concepts and profiles.

The COP, at its eight session, adopted the guidelines to assist developing country Parties in preparing their second and subsequent national communications. These guidelines are further elaborated through the publication of a user manual and the conduct of regional hands-on training workshops.

Objectives

This hands-on training workshop is aimed at assisting developing country experts in preparing the mitigation section of the national communications through training on a wide range of mitigation assessment approaches, methods and tools and information on the their relative strengths and weaknesses in different analytical contexts.

Day 1: 26 September, Monday

Opening 9:00–9:30

Chairperson: Mr. Jaekyu Lim, CGE (Rep. of Korea)

Opening remarks

Mr. Luis Santos, Consultative Group of Experts
Mr. Ki-Yual Bang, President of Korea Energy Economics Institute (KEEI)
Mr. Janos Pasztor, Coordinator, UNFCCC secretariat

Welcome remarks

Mr. Bong-Hyun Joo, Director General, Energy and Resource Policy,
Ministry of Commerce, Industry and Energy

Coffee/tea break 9:30–9:45

Overview of programme 9:45–10:00

Presentation of workshop objectives and expectations

Ms. June Budhooram, UNFCCC secretariat

Introduction of presenters and review of agenda

Mr. Charles Heaps, SEI

Country experiences in mitigation assessment 10:00–12:30

The objective of this session is to draw out the problems and difficulties encountered by countries with regard to mitigation assessment and reporting the different sectors (energy supply and demand; transport; agriculture; land-use change and forestry; industrial processes and waste) or across sectors in the initial national communications. The country presentations will also include lessons learned and other best practices in mitigation assessment.

Mr. Joseph Essandoh-Yeddu (Ghana)

Ms. Suyi Kim (Republic of Korea)

Mr. Luis Santos (Uruguay)

Mr. Neil Ferry (Australia)

Lunch break 12:30–14:00

Module 1: Introduction to Mitigation Assessment Under the UNFCCC 14:00–15:30

Chairperson: Mr. George Manful, CGE (UNEP)

Presenters: Mr. Chella Rajan, Mr. Daniel Bouille and
Mr. Dominique Revet, UNFCCC secretariat

The objective of this session is to provide the participants with an overview of mitigation in the context of climate change, sustainable development and the UNFCCC.

Session one will cover:

- A brief introduction to the science of climate change.
- Definition and scope of mitigation assessment.
- Contributions of Working Group 3 (WG3) on mitigation in the IPCC Third Assessment Report (TAR).
- UNFCCC Guidelines on mitigation assessment

Coffee/tea break 15:30–15:45

Module 1 (continued) 15:45–18:00

Presenter: Mr. Chella Rajan

Session two will cover:

- The potential benefits of mitigation
- Interactions between mitigation and development
- Integrating mitigation and adaptation

Day 2: 27 September, Tuesday

Module 2: Mitigation Assessment: Concepts, Structure and Steps 9.00–10:30

Chairperson: Mr. Jack Fitzgerald, CGE (USA)

Presenter: Mr. Charles Heaps

The objective of this module is to have an in-depth understanding of the concepts, structure and steps involved in conducting a mitigation assessment including a description of how to identify and prioritize technologies and policies in a mitigation assessment.

Session one will cover the basic concepts including:

- Why do a mitigation assessment?
- Preparing for a mitigation assessment
- The structure and steps in a mitigation assessment
- Data collection for a mitigation assessment
- Key participants in a mitigation assessment
- Translating mitigation assessments into national climate action plans

Coffee/tea break 9:45–10:00

Module 2 (continued) 10:00–12:30

Presenter: Mr. Charles Heaps

Session Two will cover:

- Creating baseline scenarios
- Screening of mitigation options
- Creating mitigation scenarios

Lunch break 12:30–14:00

Group Exercise 1: Screening Mitigation Options 14:00–16:00

Participants will be divided into four groups and will work on a simple exercise in which they conduct a screening exercise of various mitigation options for a fictitious country.

Coffee/tea break 16:00–16:15

Group Exercise 1: Participant Presentations and Discussions 16:15–18:00

Participants will present the results of their screening exercises and discuss the challenges they encountered and how the simple exercises might differ from a real screening exercise in their own countries.

USEPA Integrated Environmental Strategies Programme	18.00–19.00
Participants are invited to attend a presentation on the Integrated Environmental Strategies (IES) program. IES engages developing countries to build support for integrated planning to address both local environmental concerns and, secondarily, reduce associated global greenhouse gas emissions. The program promotes the analysis and local support for implementation of policy measures with multiple public health, economic and environmental benefits.	

Day 3: 28 September, Wednesday

Module 3. Mitigation Options: A Sectoral Review

9:00–10:45

Chairperson: Mr. Jose Villarin, CGE (Philippines)

Presenters: Mr. Chella Rajan and Mr. Willy Makundi

The objective of this module is to provide an overview of the various technologies and options that might be appropriate for mitigating greenhouse gases, as well as the types of policies and measures that can promote the implementation of those options.

Session one will cover

- General considerations (Rajan)
- Industry
- Buildings
- Transport
- Energy supply
- Solid waste
- Agriculture, land use change and forestry (Makundi)

Coffee/tea break

10:45–11:00

Module 4: Overcoming Barriers to Mitigation

11:00–12:30

Presenter: Mr. Daniel Bouille

The objective of this module is to provide an overview of the kinds of barriers to greenhouse gas mitigation facing Non-Annex 1 Parties, and to discuss mechanisms for overcoming those barriers.

Lunch break

12:30–14:00

Module 5: Mitigation Methods and Tools

14:00–16:00

Chairperson: Mr. Janos Pasztor, UNFCCC secretariat

Presenter: Mr. Charles Heaps

The objective of this session is to introduce participants to commonly used methods and modelling tools that can be applied for mitigation assessment. The module will discuss the advantages, limitations, data and technical requirements of each approach.

Session one will introduce energy sector models, and will include:

- Approaches for energy sector mitigation modelling
- Overview of available modelling tools

Coffee/tea break

16:00–16:15

Presenter: Mr. Charles Heaps

Session two will describe various energy models in more detail, including:

- MARKAL
- ENPEP-BALANCE
- LEAP
- RETScreen

Day 4: 29 September, Thursday

Module 5 (continued) 9:00–12:30

Presenter: Mr. Willy Makundi

Session three will describe various models that can be used for analyzing greenhouse gas mitigation in the agriculture, land-use change and forestry sectors.

Lunch break 12:30–14:00

Group Exercise 2: Using the Mitigation Tool 14:00–16:00

Participants will again be divided into groups and will work on a second simple exercise in which they construct a simple mitigation scenario in LEAP.

Coffee/tea break 16:00–16:15

Participant Presentations and discussions 16:15–18:00

Participants will present the results of the mitigation exercises they conducted and discuss the challenges and barriers they encountered and what are possible ways and means to address them.

National Communications Support Programme of the UNDP/UNEP 18.00–18.30

Participants are invited to attend a presentation on National Communications Support Programme (NCSP). Mrs. Martha Perdomo (UNDP) and Mr. George Manful (UNEP) will present an overview of the possible assistance that the NCSP offers to countries in preparing their national communications. This session will also include a presentation of the work programme of the NCSP followed by discussions on cooperation between the NCSP and country teams of the national communications.

Day 5: 30 September, Friday

Module 6: Reporting of mitigation assessments in national communications 9:00~10:00

Chairperson: Mr. Luis Santos, CGE (Uruguay)

Presenter: Ms. Emily Ojoo-Massawa, CGE (Kenya)

The objective of this session is to improve the presentation of mitigation assessment section in the second and subsequent national communications in a consistent, transparent, comparable and flexible manner according to the UNFCCC guidelines for the preparation of national communications from non-Annex I Parties.

CGE Presentation 10:00~11:00

Presenter: Mr. Jack Fitzgerald, CGE (USA)

The CGE thematic group on mitigation will present their preliminary findings, and recommendations based on their examination of the mitigation section of the initial national communications.

Coffee/tea break 11:00~11:15

Workshop assessment 11:15~12:00

Mr. Yolando Velasco, UNFCCC secretariat

Closing session 12:00~12:30

Closing remarks

Ms. Emily Ojoo-Massawa, CGE Chair

Mr. Janos Pasztor, Coordinator, UNFCCC secretariat

Mr. Boo-Nam Shin, Deputy Director General, Ministry of Foreign Affairs and Trade

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