

**REPORT ON THE IMPLEMENTATION OF
The 1ST National Workshop: “Strengthening capacity-building
for the implementation of CDM in Cuba”.**

1. Introduction

The UNEP / RISO International Project "Capacity-Building for the implementation of Clean Development Mechanism (CDM) in Cuba" includes in its activities (Activities 2 and 3) holding a number of workshops aimed at training specialists and officials from relevant Cuban institutions to promote the CDM in the country.

The first of these workshops, corresponding to project Activity 2 was held in CUBAENERGIA, Havana City, on April 27- 29, 2010.

This report, in compliance with the set objectives, includes the program, the list of participants and the main lessons learned.

2. Fulfilment of objectives

Considering the implementation of the planned program, the expected attendance of participants from the different agencies, the expertise of the participating lecturers and the rich exchange achieved in the workshop, we can conclude that the objectives set for the Workshop were fulfilled:

- A historical evolution and current state of development of the CDM in the world and in Cuba was presented at the workshop.
- Participants were familiarized with the requirements of CDM projects, through the study and analysis of the different project stages, the methodological aspects for each one of them and the main procedures that apply
- Promoted the use of CDM projects to reduce GHG emissions in Cuba, as a result of the analysis of criteria for sustainable development in the country, the work that has been carried out in Cuba, the specificities of the approval at national level and the priorities for the implementation of CDM.

3. Implementation of the program

The planned program for the workshop was successfully implemented. The workshop was held on April 27 - 29.

In the workshop 12 lectures were given, with a rich exchange between the lecturers and participants. The total actual time devoted to lectures, questions and replies was 18 hours.

The topics were the following:

- Historical evolution and current status of CDM (2 hours).
- Types, ways and scale of CDM projects (three hours).
- The life cycle of the CDM project (2 hours).
- Methodological aspects of CDM projects (baseline, additionality, emission calculation, leaks) (4 hours)
- Established procedures (validation, registration, monitoring and reporting) (2 hours).
- The CDM in Cuba, current status and trends, sustainability criteria (2 hours).
- Agreements and contracts of purchase (2 hours).
- General exchange and consultations (1 hour)

The Workshop program is included in Annex 1.

4. Workshop participants

The workshop included 25 participants from institutions and enterprises representing 11 institutions from the Cuban Central State Administration (OACE), and the Havana-based UNDP Office.

The OACE represented were: the Ministry of Science, Technology and Environment (CITMA), the Ministry of Foreign Trade and Investment (MINCEX), the Ministry of Finance and Prices (MFP), The Ministry of Economy and Planning (MEP), Ministry of Basic Industry (MINBAS), Ministry of Agriculture (MINAG), the Ministry of Sugar Industry (MINAZ), the Ministry of Construction (MICONS), Ministry of Transportation (MITRANS), the Ministry of Iron and Steel Industry (SIME) and the Ministry of Tourism (MINTUR).

All participants represent institutions that are directly involved in the application and implementation of CDM in the country.

The study had the participation of three foreign experts provided by UNEP / RISO: Dr. Miriam Hinostroza, Dr. Mauricio Zaballa and Dr. Oscar Coto.

The workshop lectures were given by the above-mentioned three experts in addition to 5 Cuban experts (three belonging to the CDM Technical Office and two representing the appointed National Authority).

Annex 2 includes the list of participants.

5. Organizational aspects and lessons learned

The workshop was organized by the CDM Technical Office in Cuba and was held at the head office of the Centre for Information Management and Energy Development (CUBAENERGIA), which with its great support resulted in the successful organization of the workshop.

The inaugural session of the workshop had a high level and was attended by the Vice-Minister of MINBAS Mr. Juan M. Presa, the Director of Environment CITMA and appointed National Authority, Mr. Orlando Rey, the President of the Nuclear Agency and Advanced Technologies, Mr. Jose F. Santana, the Director of CUBAENERGIA, Mr. Daniel Lopez, by Havana-based UNDP Programme Coordinator Mr. Denis Desgain and Ms. Miriam Hinostroza, UNEP / RISO Program Coordinator.

At the closing session, all participants received a certificate and a CD including the lectures and key documents on CDM issues available at the Technical Office.

We conducted a survey that showed a high level of satisfaction of the workshop participants, highlighting the positive criteria expressed regarding the quality of the conferences and the organization of the workshop.

Recommendations made regarding how to plan the second workshop based on the “learning by doing” principle were taken into account, reason why it was generally agreed that the 2nd workshop shall be ruled under that principle.

6. Conclusions

The first workshop planned within the framework of Activity 2 of the PNUMA/RISO International Project “Capacity-building for the implementation of Clean Development Mechanism (CDM) in Cuba” was executed in correspondence with the planned program, having successfully fulfilled its objectives.

Based on the lessons learned, both the contents and ways to implement the Second Workshop Program were defined. The 2nd Workshop shall be held on November 8-12, 2010.

Annex 1. Workshop programme

| Day | Time | Activity | Duration | Lecturer |
|----------|--------------|---|---------------------|-------------------------------------|
| 27.04.10 | 8:30-9:00 | Registration of participants | | |
| | 9:00-9:30 | Opening session | | |
| | 9:30-10:00 | Opening lecture: CDM in Cuba | Half an hour | Orlando Rey |
| | 10:00-10:30 | Recess | | |
| | 10:30-12:30 | Historical evolution, current state and trends of CDM | 2 hours | Miriam Hinostroza |
| | 12:30-14:00 | Lunch | | |
| | 14:00-15:00 | Types of CDM Projects | 1 hour | Oscar Coto |
| | 15:00-15:30 | Bundling CDM Projects | Half an hour | Mauricio Zaballa |
| | 15:30-17:00 | Programmatic CDM | One and a half hour | Miriam Hinostroza Yalile Alfonso |
| 28.04.10 | 9:00-11:00 | CDM Project Cycle | 2 hours | Wenceslao Carrera |
| | 11:00-11:30 | Recess | | |
| | 11:30-13:00 | Methodological aspects: baseline, additionality | One and a half hour | Oscar Coto |
| | 13:00-14:00 | Lunch | | |
| | 14:00-15:30 | Methodological aspects: calculation of emissions | One and a half hour | Oscar Coto |
| | 15:00-16:00 | Methodological aspects: leakages | 1 hour | Mauricio Zaballa |
| 29.04.10 | 16:00-17:30 | Criteria of sustainable development in Cuba | One and a half hour | Omar Rivero |
| | 9:00-11:00 | Procedures: Validation, registration, monitoring and reports. | 2 hours | Ivan Relova |
| | 11:00-11:30 | Recess | | |
| | 11:30-13:00 | Contracts and Purchase agreements | 2 hours | Oscar Coto |
| | 13:00 -13:30 | Final Exchange of the workshop | | Miriam Hinostroza |
| | 13:30-14:30 | Lunch | | |
| | 14:30-15:30 | Requested consultations | 1 hour | Oscar Coto |

Note: Miriam Hinostroza, Mauricio Zaballa y Oscar Coto, UNEP-RISO.
Ivan Relova, Wenceslao Carrera and Yalile Alfonso, Technical Office Clean Development Mechanism, Cuba
Orlando Rey y Omar Rivero, DNA, Cuba

Annex 2. List of participants

| No. | NAME | INSTITUTION | POSITION |
|-----|-------------------------------|----------------------------------|---------------------------|
| 1. | Omar Rivero Rosario | CITMA/DNA | Officer |
| 2. | Ramón L. Rodríguez Cardona | CITMA/AENTA | Officer |
| 3. | Dolores Marrero Permanyer | MINCEX | Project Officer |
| 4. | Manuel Alberto Díaz Cuscó | MINCEX | Project Officer |
| 5. | Janet Venta Juan | MFP | National heritage Officer |
| 6. | Gricel Acosta Acosta | PNUD-Habana | Project Officer |
| 7. | Denis Desgain | PNUD-Habana | Project Officer |
| 8. | Iván Relova Delgado | OT-MDL, Cubaenergía | Specialist |
| 9. | Wenceslao Carrera Doral | OT-MDL, Cubaenergía | Specialist |
| 10. | Yalile Alfonso Valdés | OT-MDL, Cubaenergía | Specialist |
| 11. | Yamila Navarro Sosa | MINBAS | Officer |
| 12. | María A. Padrón Palomares | MINBAS/INEL | Consultor |
| 13. | Andrian Melgares Vitkoup | MINBAS/INEL | Specialist |
| 14. | Jorge Luis Cortada Ferrera | MINBAS/Hydroelectric power | Specialist |
| 15. | Felix Andrés Camilo Ramírez | MINAZ | Specialist |
| 16. | Yaniris Lorenzo Acosta | MINAZ | Specialist |
| 17. | Roberto Sosa Cáceres | MINAG/Biogás, Pork Meat Industry | Director of Biogas Centre |
| 18. | Yasser Miguel Díaz Capdesuñer | MINAG/Biogás, Pork Meat Industry | Specialist |
| 19. | Alicia Mercadet Portillo | MINAG/Forestry | Specialist |
| 20. | Blanca Cabrera Pérez | SIME | Officer |
| 21. | Niurka Rodríguez Frade | MEP, Municipal Services | Laboratory Director |
| 22. | Miguel Díaz Díaz | MICONS | Officer |
| 23. | Telmo Ledo Llanes | MINTUR | Officer |
| 24. | Mónica Díaz Perramán | MITRANS | Officer |
| 25. | Leonor Turtós Carbonell | CITMA | Specialist |