



Convention on Biological Diversity

Distr.
GENERAL

UNEP/CBD/BS/WS-TTID-LAC/1/1/Add.1
14 September 2009

ORIGINAL: ENGLISH

LATIN AMERICA AND THE CARIBBEAN REGIONAL TRAINING-OF-TRAINERS WORKSHOP ON THE IDENTIFICATION AND DOCUMENTATION OF LIVING MODIFIED ORGANISMS

Mexico City, 23-27 November 2009

ANNOTATIONS TO THE PROVISIONAL AGENDA

INTRODUCTION

1. The Conference of the Parties serving as the meeting of the Parties to the Cartagena Protocol on Biosafety (COP-MOP) has made a number of decisions calling for capacity-building in developing countries to assist them to implement the requirements for documentation and identification of living modified organisms under the Protocol (for example, paragraphs 9 and 12 of decision BS-III/10 and paragraph 3 of decision BS-IV/9).

2. Following the generous financial contribution from the Government of Spain and the offer by the Government of Mexico to host the workshop through the National Autonomous University of Mexico (UNAM), the Secretariat of the Convention on Biological Diversity, in collaboration with the Inter-American Institute for Cooperation on Agriculture (IICA) will organize the Latin America and the Caribbean Regional Training of Trainers' Workshop on the Identification and Documentation of Living Modified Organisms under the Cartagena Protocol on Biosafety, in Mexico City, from 23 to 27 November 2009. The workshop will bring together more than 30 participants including customs officials and regulators nominated by their Governments as well as resource persons familiar with existing documentation systems and scientific methods of sampling of and detecting living modified organisms (LMOs).

3. The main objective of the workshop is to introduce customs officers to the requirements of the Cartagena Protocol on Biosafety regarding the identification and documentation of LMOs and to techniques and methodologies that may be used for the implementation of these requirements. It also aims at facilitating the exchange of information and national experiences on the implementation of the identification and documentation requirements under the Protocol.

ITEM 1. OPENING OF THE WORKSHOP

4. The workshop will be opened by a representative of the Government of Mexico at 9.30 a.m. on Monday, 23 November 2009. A representative of the Executive Secretary of the Convention on Biological Diversity will also make opening remarks.

ITEM 2. OBJECTIVES AND PROGRAMME FOR THE WORKSHOP

5. The Secretariat of the Convention on Biological Diversity will give an overview of the objectives, the programme and the expected outcomes of the Workshop. The workshop will include presentations by resource persons and local experts, plenary sessions for sharing of national experiences, small group

/...

In order to minimize the environmental impacts of the Secretariat's processes, and to contribute to the Secretary-General's initiative for a C-Neutral UN, this document is printed in limited numbers. Delegates are kindly requested to bring their copies to meetings and not to request additional copies.

discussions and interactive hands-on training sessions to introduce relevant tools and methods for identification and documentation of LMOs.

6. The provisional agenda of the workshop prepared by the Executive Secretary is available as UNEP/CBD/BS/WS-TTID-LAC/1/1. The proposed organization is provided in annex I below.

7. A list of documents for the workshop is contained in annex II below. Additional documents, including presentations by resource persons and country case-studies, may be made available prior to, or during, the workshop.

8. The workshop will be conducted in both Spanish and English.

ITEM 3. INTRODUCTION TO THE PROTOCOL AND ITS ELEMENTS RELATING TO THE IDENTIFICATION AND DOCUMENTATION REQUIREMENTS FOR SHIPMENTS OF LIVING MODIFIED ORGANISMS

9. The Cartagena Protocol on Biosafety aims to contribute to ensuring the safe transfer, handling and use of LMOs resulting from modern biotechnology that may have adverse effects on the conservation and sustainable use of biological diversity, taking also into account risks to human health. It includes a number of provisions to achieve this objective. Article 18 of the Protocol, for example, requires Parties to take necessary measures to ensure that LMOs that are subject to intentional transboundary movement are handled, packaged and transported under conditions of safety. In this regard, it establishes requirements for documentation accompanying shipments of different categories of LMOs. These requirements have been further elaborated upon in a number of decisions of the Conference of the Parties serving as the meeting of the Parties to the Protocol. In this session, a representative of the Secretariat will introduce the Protocol and outline its elements and the decisions from the Conference of the Parties serving as the meeting of the Parties to the Protocol, related to identification and documentation requirements and describe how to find more information through the Biosafety Clearing-House (BCH).

ITEM 4. THE ROLE OF CUSTOMS OFFICIALS IN IMPLEMENTING THE PROTOCOL

10. In this session of the workshop, a representative of the Secretariat will provide an overview of the different categories of LMOs and the different types of transboundary movements of LMOs that are covered by the Protocol and describe how LMOs might arrive at a country's borders, in what forms, by what methods of transportation and for what purposes. The session will highlight the role that customs officers can play in implementing the Protocol, for example in enforcing implementation of the obligations related to the documentation requirements for different categories of LMOs and in detecting and preventing illegal and unintentional transboundary movements of LMOs.

ITEM 5. NATIONAL EXPERIENCES WITH TRANSBOUNDARY MOVEMENTS OF LIVING MODIFIED ORGANISMS

11. Under this item, participants will be invited to make short presentations about their experiences in dealing with transboundary movements of living modified organisms, including experience with the identification and documentation of LMOs, as well as other related experiences, such as enforcement of phytosanitary measures.

ITEM 6. DOCUMENTATION ACCOMPANYING SHIPMENTS OF LIVING MODIFIED ORGANISMS: CASE-STUDIES ON EXISTING DOCUMENTATION SYSTEMS

12. There are different types of commercial documentation or other documentation required by domestic regulatory and/or administrative frameworks currently in existence that are being used or could be used as documentation accompanying living modified organisms to fulfil the identification requirements of Article 18 of the Protocol. These include commercial invoices, waybills, bills of lading,

phytosanitary certificates and others. This session will include presentations and case-studies on experience gained with the use of those existing types of documentation and how information on LMOs might be incorporated into them.

ITEM 7. SAMPLING AND DETECTION OF LIVING MODIFIED ORGANISMS

7.1. Introduction and overview

13. The process of sampling and detection of LMOs is important in verifying the completeness and accuracy of the documentation accompanying a shipment. Results from sampling and detection may show that the documentation accompanying a shipment accurately describes the content of the shipment, misrepresents the LMOs contained in a shipment or does not indicate that the shipment contains any LMOs when these have, in fact, been detected. As part of their inspection work, customs and border control officers need to be familiar with basic sampling and detection techniques in order to be able to take samples from shipments and/or be involved in testing and analyzing samples to detect whether they contain LMOs and if so, what types. In this session, resource persons will provide an introduction on the science of LMOs as it relates to sampling and detection.

7.2. Sampling methodology

14. In this session, a resource person will give a presentation on an introduction to sampling methods and the preparation of samples for the detection of LMOs.

7.3. Identification of living modified organisms

15. In this session, a resource person will provide an introduction to different detection methods including DNA-based methods (e.g. polymerase chain reaction (PCR) methods, DNA microarray) and protein-based methods (e.g. ELISA and lateral flow strip tests), and describe their relative strengths and limitations.

7.4. Laboratory exercises

16. There are a number of different tests that can be used to determine the genetic contents of a shipment of seed or grain, some of which may be directly applied by customs officers. This session of the workshop will take place in the laboratories of the Faculty of Chemistry at the National Autonomous University of Mexico (UNAM). Resource persons will lead the participants through practical, hands-on exercises with different detection and testing techniques, including sample preparation, DNA isolation and extraction and qualitative analysis of LMOs. The purpose will be to provide the participants with an appreciation of the application of these techniques, to highlight the different considerations behind the various tests and to demonstrate the importance of good sampling practices to ensuring the validity of the test results. The resource persons will also show participants how to interpret PCR results.

7.5. Interpreting the results from sampling and detection

17. This session will examine the actions that customs and border control officers may take if the testing and detection process demonstrates that the content of a shipment is not what is identified on the accompanying documentation or if the testing demonstrates that the content is as identified. It will also include a demonstration of how to find relevant information in the BCH.

ITEM 8. FIELD STUDY VISIT

18. This session will include a field trip to an agricultural research centre where participants will see at first-hand how new breeds of crops are developed.

ITEM 9. EXPERIENCES OF THE GREEN CUSTOMS INITIATIVE PARTNERS

19. The Green Customs Initiative (GCI) is a partnership of international organizations cooperating to detect and prevent the illegal trade in environmentally-sensitive commodities covered by the relevant conventions and multilateral environmental agreements (MEAs). These include ozone depleting substances (ODS), toxic chemical products, hazardous wastes, endangered species and living modified

/...

organisms. The Secretariat of the Convention on Biological Diversity is a partner in the Initiative. In this session, GCI partners will present their activities and share their experiences, highlighting and linking the important role of customs in the implementation of numerous multilateral agreements, not just the Cartagena Protocol on Biosafety.

**ITEM 10. THE WAY FORWARD: NEXT STEPS FOR CONTINUED
COLLABORATION AND EXCHANGE OF INFORMATION**

20. This session will explore how the participants in the workshop can continue to collaborate and share their experiences with the identification and documentation of LMOs once they return to their countries. Participants will prepare national action plans to detail how they would apply and transmit to others what they have learned during the workshop once they return home. Participants will also work in small groups to brainstorm activities to be undertaken at regional and subregional levels to facilitate continued collaboration and sharing of experiences, information and expertise concerning the identification and documentation of LMOs.

ITEM 11. CONSIDERATION OF THE CONCLUSIONS OF THE WORKSHOP

21. Under this item, participants will consider the conclusions of the workshop and complete an evaluation of the workshop.

ITEM 12. CLOSURE OF THE WORKSHOP

22. The workshop is expected to end at 5 p.m. on Friday, 27 November 2009.

*Annex I***PROPOSED ORGANIZATION OF WORK**

	Plenary
Monday 23 November 2009	<i>Agenda item:</i> 1. Opening of the workshop.
9.30 a.m. – 10 a.m.	
10 a.m. – 10.30 a.m.	<i>Agenda item:</i> 2. Overview of the objectives and programme for the workshop.
10.30 a.m. – 10.45 a.m.	Coffee/Tea Break
10.45 a.m. – 1 p.m.	<i>Agenda item:</i> 3. Introduction to the Protocol and its elements relating to the identification and documentation requirements for shipments of living modified organisms.
1 p.m. – 2 p.m.	Lunch Break
2 p.m. – 3.30 p.m.	<i>Agenda item:</i> 4. Role of customs officials in implementing the Protocol.
3.30 p.m. – 4 p.m.	Coffee/Tea Break
4 p.m. – 5.30 p.m.	<i>Agenda item:</i> 5. National experiences with transboundary movements of living modified organisms
Tuesday 24 November 2009	<i>Agenda item:</i> 6. Documentation accompanying shipments of living modified organisms: Case-studies on existing documentation systems.
9 a.m. – 10.30 a.m.	
10.30 a.m. – 11 a.m.	Coffee/Tea Break
11 a.m. – 1 p.m.	Agenda item 6 (<i>continued</i>)
1 p.m. – 2 p.m.	Lunch
2 p.m. – 3.30 p.m.	<i>Agenda item:</i> 7. Sampling and detection of living modified organisms: 7.1. Introduction and overview; 7.2. Sampling methodology; 7.3. Identification of living modified organisms.
3.30 p.m. – 4 p.m.	Coffee/Tea Break
4 p.m. – 5.30 p.m.	Agenda item 7 (<i>continued</i>)

	Plenary
Wednesday 25 November 2009 9 a.m. – 10.30 a.m.	Agenda item 7 (<i>continued</i>): 7.4. Laboratory exercises.
10.30 a.m. – 11.00 a.m.	Coffee/Tea Break
11 a.m. – 1 p.m.	Agenda item 7 (<i>continued</i>)
1 p.m. – 2 p.m.	Lunch
2 p.m. – 3.30 p.m.	Agenda item 7 (<i>continued</i>)
3.30 p.m. – 4 p.m.	Coffee/Tea Break
4 p.m. – 5.30 p.m.	Agenda item 7 (<i>continued</i>)
Thursday 26 November 2009 8.30 a.m. – 10.30 a.m.	Agenda item 7 (<i>continued</i>): 7.5 Interpreting the results from sampling and detection.
10.30 a.m. – 7 p.m.	Agenda item: 8. Field study visit.
Friday 27 November 2009 9 a.m. – 10.30 a.m.	Agenda item: 9. Experiences from the Green Customs Initiative.
10.30 a.m. – 11.00 a.m.	Coffee/Tea Break
11 a.m. – 1 p.m.	Agenda item: 10. The way forward: next steps for continued collaboration and exchange of information.
1 p.m. – 2 p.m.	Lunch
2 p.m. – 3 p.m.	Agenda item: 11. Consideration of the conclusions of the workshop.
3 p.m. – 3.30 p.m.	Coffee/Tea Break
3.30 p.m. – 4.45 p.m.	Agenda item 11 (<i>continued</i>)
4.45 p.m. – 5 p.m.	12. Closure of the workshop.

Annex II

PROVISIONAL LIST OF DOCUMENTS*

DOCUMENTS:

<i>Symbol</i>	<i>Title</i>
UNEP/CBD/BS/WS-TTID-LAC/1/1	Provisional agenda
UNEP/CBD/BS/WS-TTID-LAC/1/1/Add.1	Annotations to the provisional agenda

* More documents may be made available as provided by resource persons during or prior to the workshop.