



International Plant Protection Convention
Protecting the world's plant resources from pests

**Incheon City
Republic of Korea
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**Report of the 8th
Meeting of the IPPC
Capacity Development
Committee**

Table of Contents

Agenda Item 1: Opening of the Meeting	4
1.1 Welcome by the IPPC Secretariat	4
1.2 Introductions.....	4
1.3 Election of the Rapporteur	4
Agenda Item 2: Adoption of the Agenda	4
Agenda Item 3: Updates from the IPPC Secretariat, CPM Bureau, CDC members and Observers.....	4
3.1 Update by the IPPC Secretariat (CPM11, Side Sessions, Photo Contest).....	4
3.2 Update by the CPM Bureau	5
3.3 Update by the CDC members	5
3.4 Update by the Observers.....	6
3.5 Inputs from IPPC Subsidiary bodies and committees – Standards Committee.....	6
3.6 Inputs from IPPC Subsidiary bodies – NROAG	7
Agenda Item 4: Phytosanitary Resources page.....	8
4.1 Update on the technical resources and new call.....	8
4.2 Update on the Phytosanitary Resources page (status report, reorganization of the page)...	8
Agenda Item 5: Phytosanitary Capacity Evaluation	9
5.1 STDF Project 401 “Training of Phytosanitary Capacity Evaluation (PCE) Facilitators	9
5.2 IPPC projects and PCE application	10
5.3 Update on the PCE-online tool	10
Agenda Item 6: Implementation Review and Support System (IRSS).....	10
6.1 Update on the Implementation Review and Support System activities and future plans ...	10
6.2 Discussions on topics for IRSS future studies	11
Agenda Item 7: Capacity Development activities	11
7.1 Pilot Programme on Surveillance.....	11
7.2 IPPC Regional Workshops 2016	11
7.3 Implementation related tools and publications	12
Agenda Item 8: CPM11 Outcomes	13
8.1 ICDC Focus Group	13
8.2 Framework for standards and implementation (FFSI).....	14
8.3 Concept of Commodity Standard	14
8.4 Implementation of CPM recommendations	14
8.5 IPPC theme 2017 - Plant health and trade facilitation: Possible actions and activities.....	15
8.6 IYPH – CPM11 outcomes.....	15

Agenda Item 9: Future Capacity Development Activities	16
9.1 RPPOs role in Capacity Development	16
9.2 FAOR Officers role in Capacity Development	16
9.3 e-Phyto project – report on advances	16
9.4 CPM-12 (2017) training session, side sessions and special sessions	16
9.5 South-South cooperation with China.....	17
9.6 EU project	17
Agenda Item 10: Other Business.....	17
Agenda Item 11: Review and adoption of Report.....	17
Agenda item 12: Next CDC meeting.....	17
Action items arising from the meeting	18
Appendix 1: Agenda	22
Appendix 2: List of participants	26
Appendix 3: Framework for Standards and Implementation Updated by the CDC 2016-05-25	30
Appendix 4: The IPPC theme 2017 - Plant health and trade facilitation: possible actions and activities suggested by the CDC	53

AGENDA ITEM 1: OPENING OF THE MEETING

1.1 Welcome by the IPPC Secretariat

The Secretariat welcomed all participants on behalf of the IPPC. He thanked the Republic of Korea for the excellent organization of the meeting and the strong support of its government to the IPPC. He provided a message on behalf of the IPPC Secretary which emphasized that the theme of this year focusses on food security, the transition toward a “One IPPC” approach and a strong shift toward implementation.

Mr Joosook Min from the Export Management Division of the Quarantine Plant Inspection Agency welcomed all participants and recognised the importance of the work of the IPPC and in particular its capacity development activities. He emphasized the commitment of his country to the IPPC and highlighted that they are pleased to host CPM-12.

1.2 Introductions

The participants list is in Appendix 2.

1.3 Election of the Rapporteur

Mr. Bishop, the Representative for Europe, was elected rapporteur of the meeting.

AGENDA ITEM 2: ADOPTION OF THE AGENDA

The agenda was adopted (see Appendix 1).

AGENDA ITEM 3: UPDATES FROM THE IPPC SECRETARIAT, CPM BUREAU, CDC MEMBERS AND OBSERVERS

3.1 Update by the IPPC Secretariat (CPM11, Side Sessions, Photo Contest)

The Secretariat introduced the summary of significant activities of the IPPC Secretariat. He indicated that this year is a major year of transition for the IPPC and that new management has been introduced with an emphasis on results and a “One IPPC” philosophy. He emphasized that further organizational changes were expected as the IPPC implements the recommendations of the IPPC Enhancement Evaluation. In terms of the Implementation Facilitation Unit (IFU), he highlighted that the staff complement has been reduced by three full time positions. Further resources are being sought to address the workload and demand. He highlighted the major activities and achievements listed in paragraph nine of the document¹. He noted in particular, the

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- a. ¹ Approval of five IPPC annual themes towards 2020 (2016-2020), each year with a specified theme;
 - b. Adoption of nine new international standards (two International Standards on Phytosanitary Measures, two Phytosanitary Treatments, and five Diagnostic Protocols);
 - c. Support for the implementation of the ePhyto pilot project from STDF;
 - d. Establishment of the IPPC Steering Committee for the International Year of Plant Health (IYPH) in 2020;
 - e. Creation of three Focus (small) Groups for important issues i.e the oversight of the Implementation and Capacity Development Committee (ICDC), on surveillance pilot project, and on standard setting process;
 - f. Organization of a Special Topic Session on phytosanitary risks and sea containers;
 - g. Framework for standards and implementation endorsed;

workshop on *Xylella fastidiosa* in Bari, Italy organized by the FAO/IPPC, CIHEAM, EPPO and NEPPO. He highlighted how this was a good example of how the IPPC was being proactive and working with contracting parties, RPPOs and other international organisations to address emerging pest problems around the world.

The CDC noted the report.

3.2 Update by the CPM Bureau

The Bureau representatives reported that CPM 11 was the most attended CPM. It was noted that the side sessions and the scientific session were very successful. In terms of CPM milestones, it was informed that a steering committee on the International Year of Plant Health (IYPH) was formed, the IPPC recommendation on pest diagnostics was adopted, the IPPC pilot surveillance work plan was approved and the standards setting procedure has been changed. In terms of the standards commenting period, it was advised that the schedule of IPPC regional workshops should be adjusted. An update on the changes of regional delegates in the Bureau was also provided. In terms of Bureau priorities it was informed that, the Bureau and the IPPC Secretariat were already addressing the organization of CPM-12 and considering the preparation of the New IPPC Strategic framework (2020-2030). On the issue of sea containers, it was informed that the Bureau at its next meeting in June would be deliberating on the Post-CPM follow-up actions it was tasked with. In terms of the CDC, the Bureau will be following the creation of the new subsidiary body on implementation and encouraging stronger collaboration with the SC. In addition consideration is being given to possible observer status of the chairs of the subsidiary bodies at future Bureau meetings, in particular the October meeting that takes place with the Strategic Planning Group.

3.3 Update by the CDC members

The presentations of the CDC members summarized the range of capacity development activities in all regions, key pests of concern and initiatives that could be of further interest for IPPC and its implementation programme. In this regard, the Royal Society of Biology's efforts in the establishment of a Plant Health Profession was of particular interest. The presentations highlighted the work and achievements of various donors, development agencies and bilateral technical assistance at national and regional levels. In the area of diagnostics, work done on DNA barcoding and molecular techniques was highlighted as a growing area of interest for NPPOs.

On the basis of the discussions, *the CDC agreed that:*

- CPs should consider increasing their efforts in developing contingency plans for key pests and also look for ways to improve their contingency planning capability
 - Regional capacity development events should be advertised on the Phytosanitary Resources page using the events calendar.
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- h. Conduct of the second IPPC photo-contest on the "Shocking Impacts of Pests". The winner was announced, and an article with the pictures will be featured in the National Geographic magazine
 - i. The Pre-CPM training was held on the topic of ISPM32 – Categorisation of commodities
 - j. Seven side sessions were held:
 - Emerging issues in plant health: *Xylella fastidiosa* in the Euro-Mediterranean area
 - ePhyto
 - Diagnostic protocols and surveillance
 - Emerging issues in plant health - Invasive ants: implications for agriculture and control prospects
 - Plant Health in the 21st Century Use of drones, Apps, smart phones (Part 1 and 2)
 - The new IPPC Online Comment System

- CDC members and observers should endeavor to contribute concrete products produced through regional and national initiatives to the phytosanitary resources page (e.g. the 10 factsheets produced on weed species in Asia).
- CDC members should continue to publicize the existence of the phytosanitary resources page.

All presentations are available on the [IPP in the dedicated area](#).

3.4 Update by the Observers

The update from IICA is available on the [IPP working area](#). The range of capacity development activities including a number of projects in various stages of implementation was described. The presentation offered a range of possibilities for development and dissemination of technical resources that may benefit contracting parties in other regions.

3.5 Inputs from IPPC Subsidiary bodies and committees – Standards Committee

3.5.1 Joint call for topics

The CDC discussed CPM's decision to have a single call for topics for standards and tools for implementation. The IPPC representative Secretariat explained that the SC had decided that the next call for topics would take place in January 2017 rather than mid 2017 as would be normal practice. The CDC considered that a call in January 2017 would not allow it to establish procedures for addressing a joint call with the SC including establishment of a set of clear instructions for the call, its purpose, expected outputs, prioritization, follow-up actions and resources needed. Concerns were raised that the call should be designed in a way to avoid raising expectations for implementation products particularly considering the limited resources available to the Secretariat. The CDC considered that it may be too early for a joint call to be made in light of the impending creation of the new subsidiary body on implementation. In this regard, the CDC considered that it would be best for the focus group on implementation (July 2016) to consider how a joint call should be addressed.

The CDC agreed that:

- The CDC Chair would prepare a paper, with CDC input, for consideration by the focus group on implementation.
- The Secretariat will discuss with the SC timing for the call.
- CDC members to send inputs to the Chair by 20th of June. The inputs should consider:
 - what is intended by "tools" and provide examples where possible
 - issues around prioritization of topics,
 - use of the framework for standards and implementation,
 - CPM involvement in prioritization of topics,
 - the nature and operation of the CDC or future implementation body particularly how its priorities for work are determined,
 - the need for the unit to retain the flexible working nature of the CDC to address emerging issues (e.g. the need for possible short notice diversion from prioritized topics).

3.5.2 Sea Containers

The CDC reviewed the decision of CPM-11 for the development of the ISPM on sea containers to be put on hold for a maximum of 5 years in order to give CPs an opportunity to monitor the degree to which the industry code of conduct and CPM recommendation were being implemented and

on the level of impact this was having in reducing pest risk and to further consider existing options for managing the risk. The CPM requested the Bureau to consider a set of associated complementary actions which could place during this period and to propose a program for presentation to CPM 12.

The CDC considered what it could do in this regard for recommendation to the Bureau and agreed as an interim measure to:

- *Compile* all information available on the subject collected during the development of the draft standard and at the CPM-11 scientific session.
- *Make* them available on the Phytosanitary Resources page with easy access by its users (e.g. a box).
- *Recommend* to the Bureau that when considering complementary actions:
 - Emphasize need for actions on engagement between NPPOs and end-users and not just with the industry and international organizations.
 - Consider raising awareness of engagement of end-users using specific regional workshops.
 - Consider the use of the IPPC regional workshops as a platform (the topic of sea containers fits well will trade facilitation theme for next year).
 - Compare and consider past experiences from ISPM 15 with the current effort and identify possible gaps and lessons learned (the Secretariat to assist).
 - Use the IYPH to promote the importance of the topic of sea containers.

The Standard Setting Unit suggested two topics identified from the SC meeting held in May 2016 for consideration of the CDC.

First, the SC invited the Secretariat to discuss the best approach for developing a “Guide for implementing fruit fly ISPMs” with the Joint FAO/IAEA Division, following the future decision on the reorganization of the suite of fruit fly standards.

The CDC agreed that:

- The IPPC should collaborate with the FAO/IAEA division on the “Guide for implementing fruit fly ISPMs” provided that resources allow, and should do so in the framework of the implementation pilot project on surveillance.

The SC *encouraged* the Secretariat to investigate collaboration with the TPPT on the development of a searchable database on phytosanitary treatments that would include both adopted phytosanitary treatments and treatments posted on the Phytosanitary resources page.

The CDC:

- Felt that more information is needed on the scope and intended purpose of this database before a decision on collaboration can be made
- Cautioned that the creation, maintenance and update of a database require a lot of resources.

3.6 Inputs from IPPC Subsidiary bodies – NROAG

The Secretariat indicated that the NROs work plan was discussed at CPM-11 and was approved. One activity in the field of NROs of particular relevance to capacity development is the development of an e-learning tool. An NRO workshop should be organized in Asia.

The CDC noted the update.

AGENDA ITEM 4: PHYTOSANITARY RESOURCES PAGE

4.1 Update on the technical resources and new call

The Secretariat provided a detailed update on the Phytosanitary Resources page and progress made to populate it with contributed resources. In addition, updates on the various calls were made as well as information provided to translate the products of STDF350 into other official FAO languages.

The CDC agreed:

- To encourage the use of technical resources during CPM and the side sessions.
- To develop a factsheet or flyer (translated into languages) for use at various events (e.g. CPM).
- To encourage NPPOs to promote the Phytosanitary Resources page particularly with new staff.
- To promote the Phytosanitary Resources page through their partner's (e.g. IICA, USDA, EU) activities (training, workshops etc.) held at regional and national levels.
- To assist the Secretariat in identifying opportunities and funds for the translation of manuals.
- That the Secretariat should make sure that the WTO is aware of the Market access manual and the Phytosanitary Resources page in the context of relevant meetings (e.g. SPS Committee).
- That the IPPC Secretariat should request RPPOs to assist with translations of key resources.
- That the Secretariat should explore the possibility for Universities to assist with translations of technical resources within the context of their curricula.

4.2 Update on the Phytosanitary Resources page (status report, reorganization of the page)

The Phytosanitary.info page was originally designed before many of the materials became available. With the experience gained since its inception, the Secretariat thought the page needs to be reorganized. To do so, the IPPC Secretariat commissioned a company to undertake the following tasks:

- produce a needs assessment plan for the next steps for the phytosanitary resources page
- develop a needs assessment report based on the needs assessment plan
- propose a plan for promoting and monitoring the use of technical resources, collecting feedback on and revising the technical resources
- produce a proposed plan for reorganization of the Phytosanitary Resources page
- summarize plan of next steps for IPPC Phytosanitary Resources page, including development of 1-2 page concept note for a future project that builds on existing experiences and resources.

The tasks 1-3 have been already completed and recommended quick fix improvements have been applied to the page. The task 4 still needs to be completed. In addition, the Secretariat is expecting to receive:

- a detailed work plan how to bring the page up to date
- a detailed maintenance plan

- a terms of reference for human resource identifying the necessary skills and experience needed to undertake the work to be outlined in both plans.

It was highlighted that the sustainability is important issue for updating and maintaining the Phytosanitary Resources page. Financial and technical resources might come from different sources, such as CPs, RPPOs and donors.

The CDC agreed:

- To provide comments on the work and maintenance plans once they are received.

The CDC discussed the results of review of the two phytosanitary resources:

- Genetic engineering technology for the improvement of the sterile insect technique
- Economic evaluation of three alternative methods for control of the Medfly (Diptera/Tephritidae)

The CDC agreed:

- Before the resources could be posted on the Phytosanitary Resources page, the Secretariat should contact the organizations that authored them, to determine whether there are more recent publications that could be posted instead.

AGENDA ITEM 5: PHYTOSANITARY CAPACITY EVALUATION

5.1 STDF Project 401 “Training of Phytosanitary Capacity Evaluation (PCE) Facilitators

The Secretariat informed the CDC that during the STDF working group held in March 2016, the requested no cost extension of the project 401 was granted. The end date of the project 401 is therefore adjusted to September 2017. The provisional timing for the implementation of the different activities of the project was updated accordingly.

The Secretariat informed the CDC that significant advances had been taken in the previous month, with the conduct of training of trainers for the project on the logical framework approach, facilitation techniques, personality profiles and assessments of candidates.

Five training workshop are currently being organized for which trainees have already received information:

- In Lazio, 27th of June- 8th of July, in English, with all the trainers
- In Thailand, 8th to 19th of August, in English
- In Zambia, 19th to 30th of September in English
- In Morocco, 17th to 28th of October, in French
- In Costa Rica, 31st of October, 11th of November in Spanish.

As the PCE is a confidential tool which uses confidential country information, a ‘confidentiality undertaking’ has been developed by the FAO legal office to be signed by each trainee.

The curriculum of the training has been established and training material is being developed in line with the methods of adult learning. The Pre-workshop e-learning, the 2 weeks intensive workshop and the Post-workshop content was described.

The CDC emphasized the need to provide facilitation skills to the trainees, and discussed the assessment methods. IICA congratulated the Secretariat and offered its support to implement the activities in the Caribbean and South America region.

The CDC agreed:

- To review the training material.

5.2 IPPC projects and PCE application

The Secretariat reported on the implementation of projects and the application of the PCE on-going for 2015-2016. Implementation projects represent a crucial activity of the Implementation Facilitation Unit. They are indeed indispensable to build capacity and implement the IPPC and its tools (including ISPMs) at the country, region and global levels. The Secretariat went through the various projects, explaining that given the reduced number of staff and resources to implement them that optimization and synergies across projects are always looked for.

The CDC took note of all the projects and PCE application implemented by the IFU.

5.3 Update on the PCE-online tool

The CDC was informed that there is a steady demand by contracting parties for the application of PCE. In addition, implementation of the STDF401 project implies extensive use of the PCE online tool. In this regard, the online PCE tool has been updated. It has been migrated to a new platform, its functionalities were verified and its strategic planning tools were improved and updated. Steps are being taken to update it in different language versions. Based on the STDF401 activities, priorities for updating are given to French, Spanish and Russian versions.

The PCE tool was demonstrated to the CDC. The confidentiality nature of the PCE application was emphasized.

The CDC acknowledged the work of the IPPC Secretariat in updating the PCE online tool.

AGENDA ITEM 6: IMPLEMENTATION REVIEW AND SUPPORT SYSTEM (IRSS)

6.1 Update on the Implementation Review and Support System activities and future plans

The Secretariat informed that an update was given to CPM on the IRSS which was well received. The Secretariat was requested to ensure that the cross-curing nature of the IRSS is kept, in particular with the setting up of the new implementation body. The implementation pilot on surveillance may also contain aspects related to IRSS.

The Secretariat provided an overview of the work undertaken including the studies undertaken as well as planned actions for the year. He highlighted the joint work on a forecasting exercise with the FAO food safety and animal health units under its Strategic Objective 4. Other activities highlighted include the preparation of a monitoring and evaluation framework planned for the 3rd trimester of the year. The next general IRSS survey will be launched in September and will include a request for information on how contracting parties follow up and implement IPPC recommendations. The CDC was informed that the triennial review group will be reconvening for the preparation of the triennial report of the 2nd IRSS three year cycle.

The CDC noted the developments under the IRSS. It also encouraged the Secretariat to consider carefully the preparation of surveys and use where possible expertise in such initiatives.

6.2 Discussions on topics for IRSS future studies

The Secretariat reported that the second cycle of the IRSS project closes at the end of March 2017 and that a third cycle funding proposal is being prepared. The SC has been asked to prepare its proposal for IRSS support and it formed a small working group.

The CDC was asked to consider the CD work plan, the framework for standards and implementation and priority programmes for the IPPC when making its proposals.

The CDC agreed:

- The Secretariat will provide a draft paper with the suggestions and set a deadline for comments.
- CDC members will provide comments to the Secretariat.

AGENDA ITEM 7: CAPACITY DEVELOPMENT ACTIVITIES

7.1 Pilot Programme on Surveillance

The Secretariat reported on the outcome of the discussions on the Pilot programme on surveillance at CPM-11. It was informed that the work plan was approved and a small working group was proposed to formulate concrete actions focusing on three pests (*Bactrocera* spp complex, Invasive ants and *Xylella fastidiosa*). The Secretariat provided an update on all surveillance related activities undertaken including a regional workshop on *Xylella* held in Italy in April 2016. Information was provided on collaboration with CIHEAM-Bari on a sociological/anthropological study on *Xylella* in the outbreak area in Apuglia. As this is the first time this type of study is being undertaken by the IPPC, the CDC advised that, while the initiative is commendable and useful, care should be taken on how the work is framed, particularly when considering the political difficulties being faced in the country under study. One member suggested that the FAO regional plant protection officers should be encouraged to become more involved in surveillance activities. The Secretariat recalled that a call has been issued for phytosanitary resources for the small surveillance working group meeting in Thailand in June and the difficulties faced for obtaining contributions. One member suggested that the Secretariat could employ a search system like the EFSA systematic literature search framework and offered to explore access to such a system for IPPC use.

The CDC agreed to:

- Identify projects related to surveillance and specifically related to the 3 target pests covered by the small working group.
- Ensure that resources collected include regulatory documents applicable to the 3 target pests.

Use the sample framework prepared for 3 examples pests under the implementation pilot project on surveillance for aggregating technical resources

7.2 IPPC Regional Workshops 2016

The IPPC Secretariat informed the CDC on the discussions held on the IPPC Regional Workshops at the CPM11. CPs expressed their appreciation for the organization of IPPC Regional Workshops and requested continued support of the IPPC. The workshop in Africa was considered a priority for 2016.

For the 2016 IPPC Regional Workshops, the CDC was informed on the consultations held to develop a draft agenda. The objectives of the workshops, planned pre-workshop activities and a three-day draft agenda were explained. The CDC was informed that the IPPC Secretary will produce a video to introduce the theme of food security for use at the regional workshops. The CDC appreciated the update and the new approach to organize regional workshops and the interactive nature of the workshops. The IICA representative requested that the Secretariat issue invitations to countries early to facilitate travel approvals for some participants from the LAC region.

The CDC also discussed the value of the CDC members' attendance to the regional workshops. It was noted that this could raise visibility of the CDC and awareness of capacity development activities and suggested that a factsheet should be produced and distributed at the regional workshops especially in the likelihood that CDC members cannot attend the workshops. However, for those who are able to attend workshops, it was recommended that an active and role should be defined.

After reviewing the draft agenda of the IPPC regional workshops, *the CDC agreed that:*

- No additional title is needed for workshops.
- A factsheet should be produced by the Secretariat on the CDC activities with profiles of the members.
- Where possible they would attend the planned regional workshops, providing that resources allow.
- The Secretariat would define an active role for CDC members confirmed to attend specific regional workshops.

7.3 Implementation related tools and publications

7.3.1 Decision support system

The Secretariat gave background information on origin and development of a tool to facilitate selection of pest risk management options entitled the Beyond Compliance decision support system. The tool was presented to the IPPC Secretariat last year. The Secretariat found the tool to be useful. The tool is now available on the STDF website. An associated book has been published and submitted for CDC consideration for posting on the phytosanitary.info page. The author and developer of the tool raised the issue of the wider dissemination of the tool and concern on its future use and upkeep in a paper submitted to the CDC. The CDC took note of the tool and was requested to consider its value, possible ways that it could be used, usage tracking and ways in which it could be maintained.

The CDC agreed:

- That the Secretariat will engage with the STDF to determine their intentions with the tool and to discuss the option for it be hosted on the phyto~~sanitary~~resources page.
- To decide possible options in capacity development for the tool at its next meeting in December.

7.3.2 Plant health and soil paper

The Secretariat presented an update on the progress with the paper being developed in collaboration with the FAO Land and Water Division.

The CDC:

- Noted the progress of the publication.
- The representatives from Africa, Asia, Europe and North America agreed to review the next draft of the paper.

AGENDA ITEM 8: CPM11 OUTCOMES

8.1 ICDC Focus Group

The Secretariat reported on the decision of CPM-11 on the CDC's proposal for the creation of the ICDC. The CDC was informed that a focus group was formed to deliberate further and to propose to CPM-12 a revised proposal for the creation of the implementation subsidiary body. The focus group will meet in July 2016 in Paris. It was informed that the CDC would continue to exist until the new body is formed. The CDC spent considerable time discussing tasks "a-g"² of the Focus group's ToR in order to outline the content of a paper to be contributed to the Focus group in July. The CDC discussed the current structure of the IFU unit of the Secretariat, revisited the structure of the future body and discussed the various subsidiary bodies, and their possible inclusion under the new body. The CDC considers that NROs should be included in the new unit. Other discussions centered on the membership of the new body and the need to ensure that a certain level of competence is maintained. In terms of resourcing of the new body, some members suggested that other subsidiary bodies use of resources should be rationalized to accommodate CPM's shift toward greater emphasis on implementation. The CDC agreed that the new body will need to function differently than the SC model and include elements for responsiveness to take advantage of opportunities and to address emerging issues. However, it acknowledged that there would need to be modalities for enhanced communication between subsidiary bodies particularly for defining and addressing priorities. Some points where this may be possible were discussed including the creation of a taskforce on science, research and innovation which could tap into existing SC technical panels, joint work on the framework for standards and implementation and alignment of work plan priorities where possible. Concerning the title of the new body, the CDC felt that the name it proposed be retained i.e. "Implementation and Capacity Development Committee". The CDC agreed that, subject to availability of resources, the Chair of the CDC would represent the committee at the meeting of the Focus Group.

The CDC agreed that:

- The chair will coordinate with CDC members to develop a paper for consideration by the focus group.

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- a. ² The purpose and scope.
 - b. Functions of the new implementation committee.
 - c. The functions of subsidiary bodies and existing ad hoc groups such as the Subsidiary Body on Dispute Settlement (SBDS), the National Reporting Obligations Advisory Group (NROAG), the e-Phyto Steering Group (ESG), the Capacity Development Committee (CDC), the Implementation Review and Support System (IRSS) Triennial Review Group (TRG) and their tasks and any necessary transitional arrangements.
 - d. Governance, work planning and prioritization within CPM decisions.
 - e. Relationships with the CPM, the CPM Bureau, the IPPC Secretariat, the Standards Committee and the Strategic Planning Group (SPG).
 - f. Resource analysis for operation of the new implementation committee.
 - g. Any other issues relevant to the establishment of the new implementation committee.

- Members would submit inputs by June 30. The Secretariat will submit the final version to the focus group.
- The Secretariat should explore the possibility to cover the DSA for the attendance of the chair to the Focus group.

8.2 Framework for standards and implementation (FFSI)

The Secretariat presented the SC's amended version of the FFSI for consideration by the CDC. Using a modified version of the table the CDC updated the framework. See Appendix 3.

8.3 Concept of Commodity Standard

The Secretariat reported on the CPM decisions concerning the topic of commodity standards. The CDC considered CPM decisions 4, 5, 6 and 7³ and considered that resources contributed by contracting party could help the Bureau and others to understand the concept further.

The CDC agreed:

- That the Secretariat should issue a call for technical resources relevant to the management of pests associated with commodities and groups of commodities.

8.4 Implementation of CPM recommendations

8.4.1. Recommendation on the importance of pest diagnosis

The Secretariat introduced the CPM-11 recommendation on the importance of pest diagnosis. The activities through which the IFU contributes to the implementation of the recommendation were presented. The Secretariat mentioned that several FAO projects have been actively utilized for the development of the pest diagnostic capacities of CPs. For instance, an outline of an evaluation tool to assess diagnostic capacities of CPs was developed in the framework of one of these projects. Such a tool might complement the PCE module on the pest diagnostics. The CDC discussed other examples where efforts are or have been made in regard to pest diagnosis. The CDC concurred that the IPPC activities undertaken are comprehensive and in line with the new IPPC recommendation. It suggested that a compilation of information on available pest reference collections and trainings and posting them on the Phytosanitary Resources page would enhance this work. One member suggested that implementation of the recommendation should be linked to the IYPH.

The CDC agreed to:

- Consider at its next meeting how to add training events considering the current criteria for posting content on the Phytosanitary Resources page.

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- 4) ³ *Agreed* that a combined call for topics for standards and tools for implementation should be made, which would be reviewed with input from the SC and CDC, or its successor.
 - 5) *Requested* the SC and CDC to review and adapt the current process to allow the call to be made, including any changes to the assessment criteria needed.
 - 6) *Agreed* that any submission in response to a call for topics and tools should clearly define the problem needing resolution in sufficient detail to determine how it fits into the Framework of Standards and Implementation and the cost/benefit of the development of the standard or tool.
 - 7) *Encouraged* CPs to provide phytosanitary resources relevant to the management of pests associated with commodities or groups of commodities for possible inclusion in the phytosanitary resources web page in response to specific calls for resources.

- Contact national and regional representatives to provide information on diagnostic training events and to encourage their publication in the events calendar of the Phytosanitary Resources page.
- Launch a call to CPs and others for details of the types of biological collections they hold (incl. whether physical, digital etc.).

8.4.2. Past CPM recommendations

The CDC was asked to discuss and consider what possible actions could be undertaken to encourage implementation of the CPM recommendations on:

- Aquatic Plants: Their Uses and Risks
- Internet Trade (e-Commerce) in Plants: Potential Phytosanitary Risks

The CDC discussed examples of country initiatives to raise awareness of the issues outlined in the 2 recommendations. Some members agreed to provide the Secretariat with information detailing projects and initiatives on e-commerce and on aquatic trade information. The Secretariat mentioned that the IPPC and the CBD are developing a cooperation work plan and suggested that aquatic plants might feature in the plan. The CDC also considered a number of suggestions including the possibility to invite National Geographic or other similar journals to prepare articles on the risk of aquatic plants, reminding NPPOs about the risks associated with aquatic plants, further promotion of the IRSS study on aquatic plants, periodically publishing related information on the IPPC Facebook page.

The CDC agreed that the Secretariat will send letters:

- To NPPOs and RPPOs to encourage those to take the actions outlined in the recommendations.
- To e-commerce companies such as amazon and eBay and the postal agencies (including international couriers) to raise awareness on the issue.

8.5 IPPC theme 2017 - Plant health and trade facilitation: Possible actions and activities

The Secretariat facilitated an interactive session to identify possible actions or products for next year's IPPC theme "Plant Health and Trade Facilitation". The list of the suggested actions and products is presented in Appendix 4.

The CDC agreed:

- That the IPPC Secretariat should undertake a feasibility analysis for organizing a children's competition on the importance of plants to be discussed at the next CDC meeting.

8.6 IYPH – CPM11 outcomes

The Secretariat reported on the creation of a steering committee for the IYPH and a need for a representative of the CDC.

The CDC nominated:

- The North American representative for the IYPH year steering committee.

AGENDA ITEM 9: FUTURE CAPACITY DEVELOPMENT ACTIVITIES

9.1 RPPOs role in Capacity Development

The chair suggested that the TC-RPPO could be asked to brainstorm on what they could contribute to capacity development. A representative suggested involving RPPOs in launching the calls, to promote the phytosanitary resource page and CDC achievements.

The role of the RPPO in the new implementation body has not been discussed. RPPOs are given the observer status in SC and SPG, but they could have a similar status in the new implementation body. RPPOs could be invited to nominate a representative as an observer to the CDC.

The CDC agreed:

- The Secretariat to request a representative of RPPOs to attend the CDC meetings
- To ensure that a role of the RPPOs in the new implementation body is discussed during the focus group.

9.2 FAOR Officers role in Capacity Development

The Secretariat reported that FAO regional officers need to be further engaged in capacity development activities and participate and contribute in IPPC Regional Workshops. The Secretariat plans to conduct a survey of the FAO officers on plant health projects, and activities in their regions. The Secretariat will also meet FAO officers to elaborate a work strategy in collaboration with the AGP division.

The CDC agreed:

- That the Secretariat should invite FAO officers to update events calendar and projects database in the Phytosanitary Resources page.

9.3 e-Phyto project – report on advances

The Secretariat provided update on the ePhyto project, including progress and challenges of co-financing. It was mentioned that Canada has provided in kind support for management of the project and the US committed to donate funds to the project. The CDC was informed that an updated version of the project has been posted on the IPP with the business plan, and an advisory committee has been established. A CDC member suggested that the Secretariat should ensure that a manual is produced on ePhyto operations.

The CDC recognized that there are implications for capacity development arising from ePhyto initiative. There is a need to keep updated on the work of the ePhyto steering group and to identify opportunities for future capacity development activities.

The CDC took note of the advances of the ePhyto project.

9.4 CPM-12 (2017) training session, side sessions and special sessions

The CDC suggested that the IPPC 2017 theme should be the theme of the side programme of CPM-12. The CDC considered the proposal it had made during its 6th meeting for the side programme of CPM-11 and agreed on topics relevant for trade facilitation to be proposed to the Bureau.

The CDC agreed:

- On topics for the CPM-12 side programme to be proposed to the Bureau:
 - Trade facilitation key note seminar (Explanations on WTO, SPS, WCO and trade facilitation agreement)

- Pests without visa and their effects on the agriculture and economy of countries – side session
- Internet trade , CPM9 e-commerce recommendation – side session
- Inspection: global challenges and solutions (market place), profile of inspectors in trade facilitation – side session

9.5 South-South cooperation with China

The Secretariat reported that the Secretary has been instrumental in resource mobilization activities. China has approved a project with a value of two million for four years. The Secretariat provided details of the proposal and its links to capacity development.

The CDC noted the report.

9.6 EU project

The Secretariat reported on a three-year project proposal being developed for funding. The project will focus on the revision of ISPM 8 and on development of a new standard on guidance on pest risk management, as well as participation funding. This project would include activities of both the IFU and the SSU should it be approved for funding. The CDC agreed that it would represent a good example of collaboration between the two units.

The CDC noted the report.

AGENDA ITEM 10: OTHER BUSINESS

10.1 STDF/PG/502-COSAVE: Regional strengthening for the implementation of phytosanitary measures and market access

IICA presented the STDF/PG/502 project and will make information on it available to the Secretariat. The project will focus on surveillance, PRA, inspection and certification, as well as on assessment of impact of the implementation of phytosanitary standards.

The CDC recognized numerous synergies between the project and mandate of the CDC and encouraged close collaboration with the IICA and COSAVE.

The CDC noted the project.

10.2 Organization of a PRA workshop

The European representative informed that the international advisory group on PRA believes that a global workshop on PRA would be timely.

The CDC agreed:

- Such a workshop would be beneficial, but funding would need to be identified.

AGENDA ITEM 11: REVIEW AND ADOPTION OF REPORT

The CDC reviewed and adopted the Report.

AGENDA ITEM 12: NEXT CDC MEETING

The next CDC meeting is tentatively scheduled 5th to 9th December in Rome.

ACTION ITEMS ARISING FROM THE MEETING

The IPPC Secretariat

1. To discuss with the SC timing of a joint call for topics on standards and tools for implementation.
2. To compile all information available on sea containers collected during the development of the draft standard and at the CPM-11 scientific session. Make them available on the Phytosanitary Resources page with easy access by its users (e.g. a box).
3. To develop a factsheet or flyer on phytosanitary resources (translated into languages) for use at various events (e.g. CPM).
4. To make sure that the WTO is aware of the Market access manual and the Phytosanitary Resources page in the context of relevant meetings (e.g. SPS Committee).
5. To request RPPOs to assist with translations of key IPPC phytosanitary resources.
6. To explore the possibility for Universities to assist with translations of the IPPC technical resources within the context of their curricula.
7. To provide the CDC with updating work and maintenance plans of the Phytosanitary Resources page once developed.
8. To contact the organizations that authored two phytosanitary resources discussed at the CDC meeting (Genetic engineering technology for the improvement of the sterile insect technique and Economic evaluation of three alternative methods for control of the Medfly (Diptera/Tephritidae)), to determine whether there are more recent publications that could be posted instead.
9. To provide the CDC with a draft paper on the suggested topics for the IRSS future studies and set a deadline for comments.
10. To engage with the STDF to determine their intentions with the tool Beyond Compliance decision support system and to discuss the option for it to be hosted on the phytoresources page.
11. To submit the final version of the CDC paper on the future subsidiary body to the ICDC focus group.
12. To explore the possibility to cover the DSA for the attendance of the chair to the ICDC Focus group.
13. To issue a call for technical resources relevant to the management of pests associated with commodities and groups of commodities.
14. To launch a call to CPs and others for details of the types of biological collections they hold (inc. whether physical, digital etc.).
15. To contact national and regional representatives to provide information on diagnostic training events and to encourage their publication in the events calendar of the Phytosanitary Resources page.
16. To produce a factsheet on the CDC activities with profiles of the CDC members.

17. To define an active role for CDC members confirmed to attend specific regional workshops.
18. To send letters to:
 - NPPOs and RPPOs to encourage them to take the actions outlined in the past CPM recommendations.
 - To e-commerce companies such as amazon and eBay and the postal agencies (including international couriers) to raise awareness on the issue.
19. To undertake a feasibility analysis for organizing a children's competition on the importance of plants to be discussed at the next CDC meeting.
20. To request a representative of RPPOs to attend the CDC meetings.
21. To ensure that a role of the RPPOs in the new implementation body is discussed during the focus group.
22. To invite FAO officers to update events calendar and projects database in the Phytosanitary Resources page.

All CDC members

1. To send inputs to the Chair for a paper on a joint call for topics on standards and tools for implementation by 20th of June. The inputs should consider: what is intended by "tools" and provide examples where possible, issues around prioritization of topics, use of the framework for standards and implementation, CPM involvement in prioritization of topics, the nature and operation of the CDC or future implementation body particularly how its priorities for work are determined, the need for the unit to retain the flexible working nature of the CDC to address emerging issues (e.g. the need for possible short notice diversion from prioritized topics).
2. To assist the Secretariat in identifying opportunities and funds for the translation of the IPPC manuals.
3. To encourage NPPOs to promote the Phytosanitary Resources page particularly with new staff.
4. To provide comments on the updating work and maintenance plans of the Phytosanitary Resources page once they are received.
5. To review training materials prepared for the training of the PCE facilitators under the STDF 401 project.
6. To provide the Secretariat with the comments on a draft paper on the suggested topics for the IRSS future studies.
7. To identify projects related to surveillance and specifically related to the three target pests covered by the small working group. Ensure that resources collected include regulatory documents applicable to the 3 target pests. Use the sample framework prepared for 3 examples pests under the implementation pilot project on surveillance for aggregating technical resources.

8. To decide possible options in capacity development for the tool Beyond Compliance decision support system at the CDC next meeting in December.
9. The representatives from Africa, Asia, Europe and North America to review the next draft of the Plant health and soil paper.
10. To submit inputs to a CDC paper for consideration by the ICDC focus group by June 30.
11. To consider at the CDC next meeting how to add training events on plant pest diagnosis considering the current criteria for posting content on the Phytosanitary Resources page.
12. Contact national and regional representatives to provide information on diagnostic training events and to encourage their publication in the events calendar of the Phytosanitary Resources page.

CDC Chair

1. To prepare a paper on a joint call for topics on standards and tools for implementation, with CDC input, for consideration by the focus group on implementation.
2. To coordinate with the CDC members to develop a CDC paper for consideration by the ICDC focus group.

Mr. Gilkey

1. To be a representative of the CDC for the IYPH year steering committee.

Recommendations

1. The CDC recommended to the CPM Bureau when considering complementary actions for sea containers:
 - Emphasize need for actions on engagement between NPPOs and end-users and not just with the industry and international organizations.
 - Consider raising awareness of engagement of end-users using specific regional workshops.
 - Consider the use of the IPPC regional workshops as a platform (the topic of sea containers fits well will trade facilitation theme for next year).
 - Compare and consider past experiences from ISPM 15 with the current effort and identify possible gaps and lessons learned (the Secretariat to assist).
 - Use the IYPH to promote the importance of the topic of sea containers.
2. The CDC agreed that IPPC should collaborate with the FAO/IAEA division on the "Guide for implementing fruit fly ISPMs" provided that resources allow, and should do so in the framework of the implementation pilot project on surveillance.

3. The CDC felt that more information is needed on the scope and intended purpose of a searchable database on phytosanitary treatments before a decision on collaboration can be made. The CDC cautioned that the creation, maintenance and update of a database require a lot of resources.
4. The CDC recommended that no additional title is needed for regional workshops.
5. The CDC recommended to the CPM Bureau a list of possible actions and products for the IPPC theme 2017 - Plant health and trade facilitation.
6. The CDC agreed on the activities for the CPM-12 side programme to be proposed to the Bureau.
7. The CDC agreed that a global workshop on PRA would be beneficial, but fundings would need to be identified.

APPENDIX 1: AGENDA

23-27 May 2016 CDC Meeting		
Agenda item	Document N	Presenter
1. Opening of the meeting		
1.1 Welcome by the IPPC Secretariat		Sosa
1.2 Introductions		Participants
1.3 Selection of a Rapporteur		Chair
2. Adoption of the agenda	01_CDC_2016_May Report of the 7 th meeting of the IPPC Capacity Development Committee	Chair
3. Updates from the IPPC Secretariat, CPM Bureau, CDC members and Observers		
3.1 Update by the IPPC Secretariat (CPM11, side sessions, photo contest)	19_CDC_2016_May	Sosa
3.2 Update by the CPM Bureau		Bureau members
3.3 Update by the CDC members		CDC members
3.4 Update by the Observers		Observers
3.5 Inputs from IPPC Subsidiary bodies and committees – Standards Committee		Sosa
3.5.1 Joint call for topics	08_CDC_2016_May	
3.5.2 Sea containers	21_CDC_2016_May	
3.6 Inputs from IPPC Subsidiary bodies – NROAG		
4. Phytosanitary Resources page		
4.1 Update on the technical resources and new call	11_CDC_2016_May	Lomsadze
4.2 Update of the Phytosanitary Resources page (status report, reorganization of the page)		Lomsadze
5. Phytosanitary Capacity Evaluation		

5.1	STDF project 401 “Training of Phytosanitary Capacity Evaluation (PCE) Facilitators	STDF401 project document 17_CDC_2016_May	Brunel
5.2	IPPC projects and PCE application	18_CDC_2016_May	Brunel
5.3	Update of the PCE-online tool		Lomsadze
6. Implementation Review and Support System (IRSS)			
6.2	Update on the Implementation Review and Support System activities and future plans	04_CDC_2016_May 12_CDC_2016_May CPM 2016/14	Sosa
6.3	Discussions on topics for IRSS future studies	13_CDC_2016_May	Sosa
7. Capacity Development Activities			
7.1	Pilot programme on surveillance	05_CDC_2016_May 26_CDC_2016_May CPM 2016/15	Brunel
7.2	IPPC Regional Workshops 2016	25_CDC_2016_May	Lomsadze
7.3	Implementation related tools and publications	27_CDC_2016_May	Brunel
	7.3.1 Decision support system 7.3.2 Plant health and soil paper		
8. CPM11 outcomes			
8.1	ICDC focus group	06_CDC_2016_May CPM 2016/18 CPM 2016/INF/13 CPM 2016/INF/17	Sosa
8.2	Framework for standards and implementation	07_CDC_2016_May 15_CDC_2016_May 16_CDC_2016_May 29_CDC_2016_May CPM 2016/20	Lomsadze

8.3 Concept of a Commodity Standard	08_CDC_2016_May CPM 2016/17 CPM 2016/INF/17 CPM 2016/CRP/02	Sosa
8.4 Implementation of CPM recommendations 8.4.3. Recommendation on the importance of pest diagnosis 8.4.4. Past CPM recommendations	09_CDC_2016_May 20_CDC_2016_May CPM 2016/21/rev1 14_CDC_2016_May	Lomsadze
8.5 IPPC theme 2017 - Plant health and trade facilitation: Possible actions and activities		All participants
8.6 IYPH – CPM11 outcomes	24_CDC_2016_May CPM 2016/34 CPM 2016/36	Sosa All participants
9. Future Capacity Development Activities		
9.1 RPPOs role in capacity development	Report of the 27 th TC among RPPOs, November, 2015 Presentation on the 27 th TC-RPPO for the CPM11	All participants
9.2 FAOR officers role in capacity development		Sosa
9.3 ePhyto project – report on advances	10_CDC_2016_May 28_CDC_2016_May CPM 2016/CRP/03	Sosa
9.4 CPM-12 (2017) training session, side sessions and special sessions	22_CDC_2016_May 23_CDC_2016_May	Chair to lead All participants
9.5 South-south cooperation with China	Proposed Project Concept Note (CN) Supported by the FAO- China South-South Cooperation (SSC) Programme	Sosa
9.6 EU project		Sosa

10. Other business		
STDF/PG/502 - COSAVE: regional strengthening for the implementation of phytosanitary measures and market access	IICA presentation on STDF/PG/502	IICA
11. Review and adoption of report		Chair

APPENDIX 2: LIST OF PARTICIPANTS

Role/Region	Name, Organization, Address, Telephone	E-mail address
Member Representing : Africa	Ms. Stella Nonyem ORAKA Zonal Coordinator Nigeria Agricultural Quarantine Service Room 517 5th Floor Federal Secretariat Aba Road Port Harcourt Nigeria Tel : (+234) 8033323526 (+234) 8056698645	stellaoraka@yahoo.com
Member Representing : Asia	Mr. Haw Leng HO Deputy Director of Plant Biosecurity Division Department of Agriculture 2nd Floor, Wisma Tani, Jalan Sultan Salahuddin 50632 Kuala Lumpur Malaysia Tel: (+60) 3 20301417 Fax : (+60) 3 26977164	hawlengho@doa.gov.my hawlengho@yahoo.com
Member Representing : Europe	Mr. Sam BISHOP Plant Health Specialist Office of the Chief Plant Health Officer Plant and Animal Health Department for Environment, Food and Rural Affairs Room 02FA01/05 National Agri-Food Innovation Campus Sand Hutton, York YO41 1LZ, United Kingdom Tel: (+44) 1904 405153	sam.bishop@defra.gsi.gov.uk
Member Representing : Latin America and Caribbean	Ms. Magda González ARROYO Head of the Department of Standards and Regulations Plant Protection Service Ministry of Agriculture San Jose, Costa Rica Tel: (+506) 22605024 Mobile: (+506) 83993527	mgonzalez@sfe.go.cr

Role/Region	Name, Organization, Address, Telephone	E-mail address
Member Representing : Near East	Ms. Nagat Mubarak EL TAYEB Director Plant Quarantine Plant Protection General Directorate Ministry of Agriculture and Irrigation PO Box 285 Khartoum, Sudan Tel: (+249) 83 774786 Fax: (+249) 912181812	neltayb@yahoo.com
Member Representing : North America	Mr. Marc GILKEY Assistant Regional Manager for Europe, Africa and the Middle East U.S. Mission to the European Union U.S. Department of Agriculture -APHIS Rue Zinner 13, B-1000 Brussels, Belgium Tel: (+32) 2 8115182	Marc.C.Gilkey@aphis.usda.gov
Chair, Member Representing : Southwest Pacific	Ms. Sally JENNINGS Senior Policy Analyst International Standard Organisations International Policy Ministry for Primary Industries Pastoral House, 25 The Terrace PO Box 2526 Wellington, New Zealand Tel: (+64) 4 894 0431 Fax: (+64) 4 894 0733 Mobile: (+64) 29 894 0431	Sally.Jennings@mpi.govt.nz
CPM Bureau	Mr. Corné Van ALPHEN Coordinating Policy Officer Phytosanitary Affairs Plant Supply Chain and Food Quality Department Ministry of Economic Affairs P.O. Box 20401 2500 EK - The Hague Tel: + 31 (0) 703785552 Mobile: + 31 (0) 618596867	c.a.m.vanalphen@mineleni.nl

Role/Region	Name, Organization, Address, Telephone	E-mail address
CPM Bureau	<p>Ms. Kyu-Ock YIM Senior Researcher Export Management Division Department of Plant Quarantine Animal, Plant and Fisheries Quarantine and Inspection Agency/MIFAFF Ministry of Agriculture, Food and Rural Affairs 178 Anyang-ro, Manan-gu Anyang city, Gyunggi-do Republic of Korea Tel: (+82) 31 4207665 Fax: (+82) 31 4207605</p>	koyim@korea.kr
Observer, IICA	<p>Ms. Lourdes FONALLERAS International Specialist Agricultural Health and Food Safety Inter-American Institute for Cooperation on Agriculture (IICA) Luis Piera 1992 Montevideo, Uruguay Tel: (+598) 24101676</p>	lourdes.fonalleras@iica.int
IPPC Secretariat	<p>Mr. Orlando SOSA Implementation Review and Support System Officer (IRSS) International Plant Protection Convention (IPPC) Food and Agriculture Organization of the United Nations Viale delle Terme di Caracalla, 00153 Rome, Italy Tel: (+39) 06 570 53613</p>	Orlando.Sosa@fao.org
IPPC Secretariat	<p>Ms. Sarah BRUNEL Agricultural Officer International Plant Protection Convention (IPPC) Food and Agriculture Organization of the United Nations Viale delle Terme di Caracalla, 00153 Rome, Italy Tel: (+39) 06 570 53768</p>	Sarah.Brunel@fao.org

Role/Region	Name, Organization, Address, Telephone	E-mail address
IPPC Secretariat	Ms. Ketevan LOMSADZE Agricultural Officer International Plant Protection Convention (IPPC) Food and Agriculture Organization of the United Nations Viale delle Terme di Caracalla, 00153 Rome, Italy Tel: (+39) 06 570 53035	Ketevan.Lomsadze@fao.org

APPENDIX 3: FRAMEWORK FOR STANDARDS AND IMPLEMENTATION UPDATED BY THE CDC 2016-05-25**Framework for Standards and Implementation****Adopted by CPM-11 (2016); Updated 2016-05-13 by SC May 2016 and 2016-05-25 by CDC May****LEGEND**

Red text: indicates gaps for new topics, new revisions to adopted ISPMs that are not already on the *List of topics for IPPC standards* or gaps for other guidance.

Underlined text: indicates topics on the *List of topics for IPPC standards* for revisions to adopted ISPMs (topic number in brackets)

Bolded text: indicates topics on the *List of topics for IPPC standards* for new ISPMs (topic number in brackets) or guidance being drafted

Adopted ISPMs are listed with title and ISPM number.

ISPMs or proposed gaps that cover or should cover both conceptual issues and implementation issues in one standard are centered.

IPPC Area: GENERAL IPPC Strategic Objectives (SOs): A3, A4, B1, B2, B3, D2, D4					
	Concept standards - “what”	Implementati on standards - “how”	Other guidance		
			Developed	Under development	Planned to be developed/needed
1.	Audit in the phytosanitary context (2015-003) (Priority 2)	No gap.	Audit in the phytosanitary context		
					Manuals
2.	No gap.	No gap.	Organization and provision of information on technical resources		
			Phytosanitary resource page (roster of experts, projects database, activities calendar, technical documents) IPPC Capacity Development and Resources presentation	Reorganization of the Phytosanitary resources page	Advocacy fact sheet for phytosanitary page
3.	No gap.	No gap.	Cooperation with other Organizations e.g. environmental		
			Memorandums of Understanding: Ozone Secretariat, CBD; Partnership paper (CPM 9/2014/21). Please Review: the new IPPC Online Comment System	Training material for users on OCS	Sharing resources: ePhyto, evaluation tools
4.	No gap.	No gap.	Environmental protection and climate change e.g. surveillance of wild flora		

			<p>Guide to implementation of phytosanitary standard in forestry;</p> <p>e-learning: Trade in forest commodities and the role of phytosanitary measures</p> <p>ICPM-7 decisions in relationship to Cooperation with the CBD: Treaty to biodiversity by IAS</p> <p>CPM Recommendation CPM-3/2008 - Replacement or reduction of the use of methyl bromide as a phytosanitary measure</p> <p>IRSS study: Aquatic Plants: Their Uses and Risks - A review of the global status of aquatic plants</p> <p>CPM Recommendation Number: CPM-9/2014/01 - Recommendation on the IPPC Coverage of Aquatic Plants</p>		<p>Protocol for alternative treatments for MB</p>
5.	No gap.	No gap.	International cooperation among NPPOs		
			<p>Manual on managing relationships with stakeholders</p>		<p>Cooperation on pest diagnostics among NPPOs. e.g.: training, manuals, videos</p> <p>Mentoring on specific issues: PRA, risk based inspection, etc.</p> <p>Roster of experts</p>
6.	No gap.	No gap.	How standards relate to and impact on key topics (e.g. Market access, IAS, climate change)		

			Market Access - a guide to phytosanitary issues for national plant protection organizations PRA materials	Market access training materials Market access online learning modules	Awareness raising and advocacy documents Case studies on concrete relationships between Standards and key topics, measuring impacts Desk studies and methodologies to estimate impact of Standard implementation
7.	No gap.	No gap.	Advocacy for NPPO resource mobilization		
			PCE factsheet Manual on Establishing an NPPO Manual on Operation of an NPPO	Guidance to use donors table	Manual for Advocacy and gaining political support

IPPC GENERAL RIGHTS AND OBLIGATIONS IPPC SOs: A1, A2, B2, B3, B4, C3, D3, Y4				
Concept standards - “what”		Implementation standards - “how”		Other guidance
8.	Elements of an effective NPPO e.g. training, engagement of stakeholders, competency (Priority 1)	No gap.	Elements of an effective NPPO e.g. training, engagement of stakeholders, competency.	
			Manual on Establishing an NPPO Manual on Operation of an NPPO Manual on managing relationships with stakeholders Manual of good practices for CPM participation NPPO establishment training kit NPPO operations training kit IPPC Introduction presentation PCE tool; Explanatory document (2005) on ISPM 20 (<i>Guidelines for a phytosanitary import regulatory system</i>) (includes appendix on rights, roles & responsibilities in relation to the IPPC, ISPMs and SPS))	Training materials for STDF401 project Preparing a national phytosanitary Capacity Development Strategy - A Phytosanitary Capacity Development Training Tool For NPPOs Biosecurity study

9.	Revision: Pest reporting (ISPM 17) (Priority 2)	National reporting obligations		
		Recommendation information exchange (ICPM 2/1) Role of IPPC contact points (CPM 1/1) Explanatory document (2005) on ISPM 17:2005 (Pest reporting) Explanatory document (2005) on ISPM 17 (Pest reporting) IPPC Secretariat News letters on NROs	e-learning tool on reporting obligations to be developed and launched Support documents and tools for the NRO work plan	
10.	Revision: Guidelines on lists of regulated pests (ISPM 19) (Priority 2)	Pest reporting		
				Regulated pest lists clarification of terminology and its use in ISPM 19.
11.	Guidelines for the notification of non-compliance and emergency action (ISPM 13)	Notification of non-compliance		
		Model notification form - import verification manual		Guidance on tools for harmonized notification
12.	National legislation requirements (Priority 4)	No gap.	Development of national phytosanitary legislation	
			Guidelines for the revision of national phytosanitary legislation – FAO Manual on Establishing an NPPO	Training material on phytosanitary legislation - STDF401 Biosecurity study

			<p>Training kit on Establishing an NPPO</p> <p>Manual on Operation of an NPPO</p> <p>Training kit on Operation of an NPPO</p> <p>PCE module on legislation</p>		
13.	No gap.	No gap.	International Cooperation between contracting parties (consider to combine with NPPO)		
14.	No gap.	No gap.	Elements of an effective RPPO e.g. training, engagement of stakeholders, competency		
			<p>Procedure for the recognition of new RPPOs - ICPM-4 (2002);</p> <p>Role and functions of the RPPOs ICPM-5 (2003) Appendix XIX</p>	<p>Role and function of the RPPO are under review.</p>	<p>Recognition procedures for RPPOs to be reviewed and Procedure for de-recognizing the RPPOs</p>

IPPC Area: PRINCIPLES AND POLICIES (interpretation of the Convention) IPPC SOs: B2, B3, C3, D1, D3				
Concept standards - “what”		Implementation standards - “how”	Other guidance	
15.	Phytosanitary principles for the protection of plants and the application of phytosanitary measures in international trade (ISPM 1)	No gap.	Undue delay and prompt action	
16.	Glossary of phytosanitary terms (ISPM 5) Terminology of the Convention on Biological Diversity in relation to the Glossary of phytosanitary terms (ISPM 5 – Appendix 1)	No gap.	Glossary	
			Annotated Glossary: Explanatory document (2013) on ISPM 5 (<i>The Glossary of phytosanitary terms</i>)	
17.	Efficacy of measures (Priority 4)	No gap.	Efficacy of measures	
			Beyond the compliance tool	Studies on efficacy of measures (e.g. treatments for fruit flies)
18.	No gap.	Recognition of pest free areas and areas of low pest prevalence (ISPM 29).	Technical Justification including reliability of scientific information	
			Plant pest surveillance manual	IAEA Manual for fruit flies
			Manual on implementation of pest free areas and related phytosanitary improvement measures	

19.	Guidelines for the determination and recognition of equivalence of phytosanitary measures (ISPM 24)		Equivalence of phytosanitary measures		
			IRSS study - Review of the application of equivalence between phytosanitary measures used to manage pest risk in trade Beyond the compliance tool		Studies on efficacy of measures (e.g. ; treatments for fruit flies)
20.	Authorization of entities other than national plant protection organizations to perform phytosanitary actions (2014-002) (Priority 2 (from 3))	No gap.	Supervision of authorized bodies, including procedures for examination and assessment of competencies		
			Manual on establishment of an NPPO Manual on operation of an NPPO operation		Audit manual
21.	No gap.	No gap.	Appropriate level of protection		
22.	No gap.	No gap.	State of plant protection in the world		
			CPM materials The IPPC seminars	Soil and plant health paper	Range of papers to be elaborated within the framework of IYPH Commission papers Wish list to communicate with others

IPPC Area: PEST STATUS IPPC SOs: A1, A2, B1			
Concept standards - “what”	Implementation standards - “how”		Other guidance
23.	<u>Determination of pest status in an area (ISPM 8) (Priority 1)</u>		
24.	<p>Revision: Regulated non-quarantine pests: concept and application (ISPM 16), to broaden to pests and clarify the concepts related to quarantine pests, RNQP and pests of national concern (Priority 2)</p> <p>Guidelines on the interpretation and application of the concept of official control for regulated pests (ISPM 5 - Supplement 1)</p>	No gap.	Revision of ISPM 16 to broaden to pests and clarify the concepts related to quarantine pests, RNQP and pests of national concern :
			<p>IPPC coverage of aquatic plants (CPM recommendation CPM-9/2014/01)</p> <p>GMOs, Biosafety and Invasive Species: ICPM 3 (2001) decision</p> <p>Plant pest surveillance manual</p>
25.	Host and non-host status (Priority 3)	Determination of host status of fruit to fruit flies (Tephritidae) (2006-031) (Priority 1)	Host and non-host status
			<p>IAEA manual for fruit flies</p> <p>Range of materials might be elaborated under the pilot implementation programme on surveillance</p>
26.	<u>Guidelines for surveillance (ISPM 6) (Priority 1)</u>		

27.	No gap.	Specific guidance on surveillance for a pest or a group of pests (Priority 3)	Guidance on surveillance for a pest or a group of pests.		
			Plant pest surveillance manual		Outputs of the implementation pilot on Surveillance (activities on three example pests)
28.	Requirements for the establishment of pests free areas (ISPM 4) (Priority 4 (from 2)) Establishment of pest free areas for fruit flies (Tephritidae) (ISPM 26)		Guidance on PFA, PFPP and ALPP for a pest or a group of pests		
				Manual on implementation of pest free areas and related phytosanitary improvement measures	
29.	Requirements for the establishment of pest free places of production and pest free production sites (ISPM 10)		Guidance on PFA, PFPP and ALPP for a pest or a group of pests		
				Manual on implementation of pest free areas and related phytosanitary improvement measures	
30.	Requirements for the establishment of areas of low pest prevalence (ISPM 22)		Requirements for the establishment of areas of low pest prevalence		
			Plant pest surveillance manual	Manual on Implementation of pest free areas and related phytosanitary measures IAEA manual for fruit flies	

31.	No gap.	<p>Specific guidance on PFA, PFPP and ALPP for a pest or a group of pests (Priority 4)</p> <p>Establishment of areas of low pest prevalence for fruit flies (ISPM 30)</p> <p>Control measures for an outbreak within a fruit fly-pest free area (ISPM 26 - Annex 2)</p>	Requirements for the establishment of areas of low pest prevalence		
			Plant pest surveillance manual	<p>Manual on Implementation of pest free areas and related phytosanitary measures</p> <p>IAEA manual for fruit flies</p>	Range of materials could be elaborated under the pilot implementation on surveillance

IPPC Area: PEST RISK ANALYSIS IPPC SOs: C2, C3, B2, B3, B4			
Concept standards - “what”	Implementation standards - “how”		Other guidance
32. Framework for pest risk analysis (ISPM 2) Supplement on Guidance on the concept of the likelihood of establishment component of a pest risk analysis for quarantine pests (2015-010) to ISPM 11 (Pest risk analysis for quarantine pests) (Priority 4)	Pest risk analysis for quarantine pests (ISPM 11) Pest risk analysis for regulated non-quarantine pests (ISPM 21) Categorization of commodities according to their pest risk (ISPM 32) Guidelines for the export, shipment, import and release of biological control agents and other beneficial organisms (ISPM 3) Guidance on climate change (supplement to ISPM 11) (Priority 3)	Commodity and host pest lists	
		PRA awareness toolkit PRA training (manual and eLearning)	Guidance on adherence to ISPM 32 Pest modelling in context of PRA
33.	Revision and combination of PRA standards (including ISPM 2, 11 and 21) (priority 4)		Commodity and host pest lists
34. Guidance on pest risk management (2014-001) (Priority 2 (from 1))	Specific guidance on pest risk management for pests or a group of pests (Priority 3)		Pest risk management for pests or group of pests
35.	Risk communication (Priority 3)		Risk communication manual
36. Guidelines on the understanding of potential economic importance and related terms including reference to environmental considerations (ISPM 5 - Supplement 2)	Economic analysis in PRA (Priority 2)	Economic analysis in PRA	
		Template for economic analysis of pest impact	
37.	No gap.		Diversion from intended use

	Diversion from intended use (Priority 2? to be determined) (concept standard or supplementary document)		IRSS study on Diversion from intended use - consideration of the extent of the issue		
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IPPC Area: PEST MANAGEMENT IPPC SOs: A1, A2, B1, B2, B4, C2, D1					
Concept standards - “what”		Implementation standards - “how”		Other guidance	
38.	Management of regulated pests (Priority 4)	No gap.	Management of regulated pests		
				CDC document on Phytosanitary measures	
39.	No gap.	No gap.	Pest management options		
			Beyond the compliance tool		Studies on efficacy
40.	Contingency planning and emergency response (Priority 1)	No gap.	Contingency planning and emergency response		
			Manual on managing relationships with stakeholders Manual on Establishing an NPPO Manual on Operation of an NPPO CPM9 side session materials on natural disasters		Communication plan for Xylella Manual for development of contingency plan Products of workshops for contingency planning and emergency response
41.	No gap.	Criteria for treatments for wood packaging material in international trade (2006-010) (draft annex to ISPM 15) (Priority 2) Revision of annex 1 and 2 of ISPM 15 (Inclusion of the Phytosanitary treatment <i>Sulphuryl fluoride</i>)	Treatment of wood packaging material		
			Replacement of MB (CPM 3/1)		

		<i>fumigation of wood packaging material (2006-010A) and Revision of dielectric heating section.</i>			
42.	Phytosanitary treatments for regulated pest (ISPM 28)	Non-commodity specific phytosanitary treatments for regulated pests (e.g. soil drench, sterilization) (Annexes to ISPM 28) (Priority 4)	Phytosanitary treatments for regulated pest		
			Explanatory document (2006) on ISPM 18:2003 (Guidelines on the use of irradiation as a phytosanitary treatment)		DB of treatments
43.	Guidelines for the use of irradiation as a phytosanitary measure (ISPM 18) (2014-007) (Priority 3 (from 2))		Guidelines for the use of irradiation as a phytosanitary measure		
			Explanatory document (2006) on ISPM 18:2003 (Guidelines on the use of irradiation as a phytosanitary treatment)		Manual for irradiation
44.	No gap.	Requirements for the use of fumigation as a phytosanitary measure (2014-004) (Priority 1)			Manual
45.	No gap.	Requirements for the use of temperature treatments as a phytosanitary measure (2014-005) (Priority 1)			Manual
46.	No gap.	Requirements for the use of modified atmosphere treatments as a phytosanitary measure (2014-006) (Priority 2)			Manual
47.	No gap.	Requirements for the use of chemical treatments as a phytosanitary measure (2014-003) (Priority 3)			Manual

48.	Guidelines for pest eradication programmes (ISPM 9)		Eradication programmes		
			Manual on managing relationships with stakeholders Manual on Establishing an NPPO Manual on Operation of an NPPO CPM9 side session material on natural disaster		Communication plan for Xylella Manual for development of contingency plan Manual for eradication Products of workshops for contingency planning and emergency response
49.	No gap.	Phytosanitary procedures for fruit fly (Tephritidae) management (2005-010)	Phytosanitary procedures for fruit fly		
				IAEA manual on fruit flies	
50.	Integrated measures plants for planting (ISPM 36)		Integrated measures & systems approach		
51.	Systems approach (ISPM 14) Clarification on the concepts of integrated measures and systems approach (Priority 4)	Pest free potato (Solanum spp.) micropropagative material and minitubers for international trade (ISPM 33) Systems approach for pest risk management of fruit flies (Tephritidae) (ISPM 35) Specific guidance on systems approaches for commodities or pests (Priority 4)	Beyond the compliance		Manual

IPPC Area: PHYTOSANITARY IMPORT & EXPORT REGULATORY SYSTEMS IPPC SOs: A3, B4, C1, C2, C3, D3					
Concept standards - “what”		Implementation standards - “how”		Other guidance	
52.	Phytosanitary certification system (ISPM 7)	Phytosanitary certificates (ISPM 12) Electronic phytosanitary certificates, information on standard XML schemes and exchange mechanisms (ISPM 12 - Appendix 1) <u>Focused revision of ISPM 12 (Phytosanitary certificates) (2015-011) (Priority 2)</u>	Phytosanitary certification		
			Export certification manual	ePhyto (proposed system: HUB)	
53.	Consignments in transit (ISPM 25)		Transit		
			Transit manual		
54.	No gap.	Guidelines for the export, shipment, import and release of biological control agents and other beneficial organisms (ISPM 3) Phytosanitary treatments for regulated pests (ISPM 28)			
			Import verification manual	Guideline on biological control agents regulation process	
55.	Guidelines for a phytosanitary import regulatory system (ISPM 20)		Import regulation		
			Import verification manual Explanatory document (2005) on ISPM 20 (<i>Guidelines for a phytosanitary import regulatory system</i>) Manual on Establishing an NPPO		

			Manual on Operation of an NPPO		
56.		Guidelines for a phytosanitary import regulatory system (ISPM 20) Use of specific import authorization (2008-006) (ISPM 20, new annex) (Priority 4 (from 3))	Import regulation		
			Import verification manual Explanatory document (2005) on ISPM 20 (<i>Guidelines for a phytosanitary import regulatory system</i>) Manual on Establishing an NPPO Manual on Operation of an NPPO		
57.	No gap.	Guidelines for inspection (ISPM 23)	Inspection		
					Manuals
58.		Methodologies for sampling of consignments (ISPM 31)	Sampling		
			Explanatory document (2009) on ISPM 31 (<i>Methodologies for sampling of consignments</i>) Diagnostic manual Plant pest surveillance manual		Manuals

59.	No gap.	Design and operation of post-entry quarantine stations for plants (ISPM 34)	Post-entry quarantine stations for plants		
					Design plan for PEQ
60.	No gap.	No gap.	Dispute settlement		
			Dispute settlement manual		
61.	Phytosanitary pre-import clearance (2005-003) (Priority 3)	No gap.			
62.	No gap.	No gap.	Traceability		
					Proposed trace back guidance
63.	No gap.	No gap.			
64.	No gap.	Minimizing pest movement by air containers and aircrafts (2008-002) (Priority 3 (from 1))	Pathways		
					Code of conduct
65.	No gap.	International movement of cut flowers and branches (2008-005) (Priority 4)	International movement of cut flowers and branches		
					Procedural guide related to ISPMs
66.	No gap.	Safe handling and disposal of waste with potential pest risk generated during international voyages (2008-004) (Priority 2 (from 3))	Safe handling and disposal of waste		
					Procedural guide related to ISPMs Code of conduct
67.	No gap.		International movement of growing media		

		International movement of growing media in association with plants for planting (2005-004) (Priority 1)			Procedural guide
68.	No gap.	Minimizing pest movement by sea containers (2008-001) (Priority 1)	Pest movement by sea containers		
			CPM Recommendation on sea containers (CPM-10/2015/1) Code of Conduct		
69.	No gap.	International movement of grain (2008-007) (Priority 1)	International movement of grain		
			Protocol for alternative treatments for MB		Manual on grain Procedural guide related to ISPMs
70.	No gap.	Guidelines for regulating wood packaging material in international trade (ISPM 15) (<i>Revision to include fraudulent use</i>) (Priority 2)	Dielectric heat treatment		
			Explanatory document (2014) on ISPM 15 (<i>Guidelines for regulating wood packaging material in international trade</i>) Quick guide to Dielectric heating		
71.	No gap.	International movement of used vehicles, machinery and equipment (2006-004) (Priority 3)	International movement of used vehicles, machinery and equipment		
					Codes of conduct

72.	No gap.	International movement of seeds (2009-003) (Priority 1)	International movement of seeds		
			Phytopsanitary treatments		Manual Procedural guide related to ISPMs
73.	No gap.	International movement of wood (2006-029) (Priority 1)	International movement of wood		
			Phytopsanitary treatments (MB etc.)		Manual Procedural guide related to ISPMs
74.	No gap.	International movement of wood products and handicrafts made from wood (2008-008) (Priority 2 (from 1))	International movement of wood products and handicrafts made from wood		
			Internet trade (e-commerce) in plants and other regulated articles (CPM recommendation CPM-9/2014/2)		

IPPC Area: DIAGNOSTICS IPPC SOs: A1, B1, B4					
Concept standards - “what”		Implementation standards - “how”		Other guidance	
75.	Diagnostic protocols for regulated pests (ISPM 27)	Annexes to Diagnostic protocols for regulated pests (ISPM 27)	Requirements for diagnostics		
			Guide to delivering phytosanitary diagnostic services CPM11 recommendation on the importance of plant pest diagnosis	Assessment framework for diagnostic services	
76.	No gap.	Requirements for diagnostics (Priority 2)	Requirements for diagnostics		
			Guide to delivering phytosanitary diagnostic services	Assessment framework for diagnostic services	Guidance on use of molecular DB Inventory of trainings related to diagnostics
77.	No gap.	No gap.	International or regional cooperation for diagnostics (e.g. Regional centres of expertise)		
			CPM11 recommendation on the importance of plant pest diagnosis		Inventories of taxonomic collections Roster of taxonomic experts

APPENDIX 4: THE IPPC THEME 2017 - PLANT HEALTH AND TRADE FACILITATION: POSSIBLE ACTIONS AND ACTIVITIES SUGGESTED BY THE CDC

Events:

- MOU/agreement with world customs Union and joint seminar with WTO-SPS.
- NPPO Day (radio/TV/Event) for traders of plant products (showcase).
- Papers published in trade journals including on economic importance of the global trade in plants and plants products.
- “The inspector” first line of defense! A professional what do they look like.
- IPPC/NPPO seminar or side session at regional forum on trade facilitation exercises (e.g. Pharma model, other successes) forum (CPM, meeting of Ministers, SPS committee).
- Global CPM 12: keynote IPPC and trade facilitation; special topic with industry (citrus, seeds); side session: e-Phyto demonstration.
- Better plant health practices for trade side session.
- Regional workshop market access manual.
- Regional workshop with the participation of NPPO, Customs, other borders agencies.

Contests:

- Carry out competitive contests among NPPOs on the theme, publish winner on the phyto page.
- For each annual theme run a photo competition combined with a “successes” page (good news stories) of IPP.

Advocacy:

- Encourage CPs to use SBDS and/or publicize the outcomes of bilateral negotiations, etc.
- National report on NROs.

Trade systems

- Successful and effective implementation of e-Phyto.
- Launch e-Phyto hub and associated publicity.
- Intensive export certification systems to comply with import requirements.
- Awareness products for policy makers linking trade facilitation with plant health included case studies highlighting costs and benefits of phytosanitary actions.
- Software and procedures to improve sharing of phytosanitary information at regional level.
- Bilateral negotiation manual. Live action simulation.