REVIEW OF THE Framework for Standards and Implementation

Background

1. The CPM-11:
2. Endorsed the use of the Framework for Standards and Implementation to record the standards and other tools for implementation that support and enable the implementation of the Convention and ISPMs to facilitate harmonisation. This Framework would include standards and other tools that have been adopted/developed, are under development or are planned to be developed.
3. Adopted the Framework for Standards and Implementation (Appendix 04) and agreed that it is a working document which will be periodically updated, and provides transparency of existing or proposed standards and tools for implementation and assists with the identification of gaps and it would be a means of capturing agreed priorities for standards and implementation facilitation tools that are separately approved by CPM.
4. Agreed that the Framework for Standards and Implementation is updated and maintained by the Secretariat, with responsibility for review and amendment resting jointly with the SC and CDC (or the CDC replacement) and reviewed by SPG.
5. Agreed that the updated framework is presented annually to the CPM for endorsement.
6. Agreed that the most current version of the Framework for Standards and Implementation will be maintained and be fully accessible on the IPP.
7. Based on the CPM-11 decisions, Standard committee (SC) met in May and Capacity Development Committee (CDC) met in June 2016 and reviewed and updated the framework for standards and implementation.
8. The reviewed version of the Framework for standards and implementation is attached (Annex 1).
9. SPG is invited to:
10. *review and recommend* the updated Framework for standards and implementation for adoption to CPM-12

**Annex 1. Framework for Standards and Implementation Updated by the SC and CDC**

**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*.

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)**

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.

Other guidance (developed, under development and planned to be developed/needed) are in the relevant columns.

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| **IPPC Area: GENERALIPPC Strategic Objectives (SOs): A3, A4, B1, B2, B3, D2, D4** |
| **Concept standards - “what”** |  **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | **Audit in the phytosanitary context (2015-003) (Priority 2)** | No gap. |  Audit in the phytosanitary context |
|  |  | Manuals |
|  | 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 |
|  | 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 |
|  | No gap. | No gap. | Environmental protection and climate change e.g. surveillance of wild flora  |
| Guide to implementation of phytosanitary standard in forestry; e-learning: Trade in forest commodities and the role of phytosanitary measuresICPM-7 decisions in relationship to Cooperation with the CBD: Treaty to biodiversity by IAS CPM Recommendation CPM-3/2008 - Replacement or reduction of the use of methyl bromide as a phytosanitary measureIRSS study: Aquatic Plants: Their Uses and Risks - A review of the global status of aquatic plantsCPM Recommendation Number: CPM-9/2014/01 - Recommendation on the IPPC Coverage of Aquatic Plants |  | Protocol for alternative treatments for MB |
|  | No gap. | No gap. | International cooperation among NPPOs |
| Manual on managing relationships with stakeholders |  | Cooperation on pest diagnostics among NPPOs. e.g.: training, manuals, videosMentoring on specific issues: PRA, risk based inspection, etc.Roster of experts |
|  | 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 organizationsPRA materials | Market access training materialsMarket access online learning modules | Awareness raising and advocacy documentsCase studies on concrete relationships between Standards and key topics, measuring impactsDesk studies and methodologies to estimate impact of Standard implementation |
|  | No gap. | No gap. | Advocacy for NPPO resource mobilization |
| PCE factsheetManual on Establishing an NPPO Manual on Operation of an NPPO  | Guidance to use donors table | Manual for Advocacy and gaining political support |

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| **IPPC GENERAL RIGHTS AND OBLIGATIONSIPPC SOs: A1, A2, B2, B3, B4, C3, D3, Y4** |
| **Concept standards - “what”** | **Implementation standards -“how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | 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 NPPOManual on managing relationships with stakeholdersManual of good practices for CPM participationNPPO establishment training kitNPPO operations training kitIPPC Introduction presentationPCE tool; Explanatory document (2005) on ISPM 20 *(Guidelines for a phytosanitary import regulatory system)* (includes appendix on rights, roles & responsibilities in relation to the IPPC, ISPMs and SPS)) | Training materials for STDF401 projectPreparing a national phytosanitary Capacity Development Strategy - A Phytosanitary Capacity Development Training Tool For NPPOsBiosecurity study |  |
|  | 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 |  |
|  | 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. |
|  | 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  |
|  | National legislation requirements (Priority 4) | No gap. | Development of national phytosanitary legislation |
| Guidelines for the revision of national phytosanitary legislation – FAOManual on Establishing an NPPO Training kit on Establishing an NPPOManual on Operation of an NPPOTraining kit on Operation of an NPPOPCE module on legislation | Training material on phytosanitary legislation - STDF401Biosecurity study | Case studies Legal and policy frameworks of plant protection |
|  | No gap. | No gap. | International Cooperation between contracting parties (consider to combine with NPPO) |
|  | No gap. | No gap. | Elements of an effective RPPO e.g. training, engagement of stakeholders, competency |
| Procedure for the recognition of new RPPOs - ICPM-4 (2002); Role and functions of the RPPOs ICPM-5 (2003) Appendix XIX | Role and function of the RPPO are under review.  | Recognition procedures for RPPOs to be reviewed and Procedure for de-recognizing the RPPOs  |

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| **IPPC Area: PRINCIPLES AND POLICIES (interpretation of the Convention)IPPC SOs: B2, B3, C3, D1, D3** |
| **Concept standards - “what”** | **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | 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  |
|  |  |  |
|  | 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 *(The Glossary of phytosanitary terms)* |  |  |
|  | 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) |
|  | 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 | Manual on implementation of pest free areas and related phytosanitary improvement measures  | IAEA Manual for fruit flies |
|  | 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 tradeBeyond the compliance tool |  | Studies on efficacy of measures (e.g. ; treatments for fruit flies) |
|  | **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 |
|  | No gap. | No gap. | Appropriate level of protection  |
|  |  |  |
|  | No gap. | No gap. | State of plant protection in the world  |
| CPM materialsThe IPPC seminars  | Soil and plant health paper | Range of papers to be elaborated within the framework of IYPHCommission papers Wish list to communicate with others |

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| **IPPC Area: PEST STATUSIPPC SOs: A1, A2, B1** |
| **Concept standards - “what”** | **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | Determination of pest status in an area (ISPM 8) (Priority 1) |  |
|  | 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)Guidelines on the interpretation and application of the concept of official control for regulated pests (ISPM 5 - Supplement 1) | No gap. | Revision of ISPM 16 to broaden to pests and clarify the concepts related to quarantine pests, RNQP and pests of national concern :  |
| IPPC coverage of aquatic plants (CPM recommendation CPM-9/2014/01)GMOs, Biosafety and Invasive Species: ICPM 3 (2001) decisionPlant pest surveillance manual  |  |  |
|  | 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  |
|  | IAEA manual for fruit flies | Range of materials might be elaborated under the pilot implementation programme on surveillance  |
|  | Guidelines for surveillance (ISPM 6) (Priority 1) |  |
|  | 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)  |
|  | 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 |  |
|  | 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 |  |
|  | 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 measuresIAEA manual for fruit flies |  |
|  | No gap. | Specific guidance on PFA, PFPP and ALPP for a pest or a group of pests (Priority 4)Establishment of areas of low pest prevalence for fruit flies (ISPM 30) Control measures for an outbreak within a fruit fly-pest free area (ISPM 26 - Annex 2)  | Requirements for the establishment of areas of low pest prevalence |
| Plant pest surveillance manual | Manual on Implementation of pest free areas and related phytosanitary measuresIAEA manual for fruit flies | Range of materials could be elaborated under the pilot implementation on surveillance  |

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| **IPPC Area: PEST RISK ANALYSISIPPC SOs: C2, C3, B2, B3, B4** |
| **Concept standards - “what”** | **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | 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 toolkitPRA training (manual and eLearning) |  | Guidance on adherence to ISPM 32 Pest modelling in context of PRA |
|  | Revision and combination of PRA standards (including ISPM 2, 11 and 21) (priority 4) | Commodity and host pest lists |
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|  | **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 |
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|  | Risk communication (Priority 3) | Risk communication  |
|  | Risk communication manual |  |
|  | 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 |
|  | Diversion from intended use (Priority 2? to be determined) (concept standard or supplementary document) | No gap. | Diversion from intended use |
| IRSS study on Diversion from intended use -consideration of the extent of the issue |  |  |

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| **IPPC Area: PEST MANAGEMENTIPPC SOs: A1, A2, B1, B2, B4, C2, D1** |
| **Concept standards - “what”** | **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | Management of regulated pests (Priority 4) | No gap. |  Management of regulated pests |
|  | CDC document on Phytosanitary measures  |  |
|  | No gap. | No gap. | Pest management options |
| Beyond the compliance tool |  | Studies on efficacy |
|  | Contingency planning and emergency response (Priority 1) | No gap. | Contingency planning and emergency response |
| Manual on managing relationships with stakeholdersManual on Establishing an NPPO Manual on Operation of an NPPOCPM9 side session materials on natural disasters  |  | Communication plan for XylellaManual for development of contingency plan Products of workshops for contingency planning and emergency response |
|  | 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 *Sulphuryl fluoride fumigation of wood packaging material* (2006-010A) and *Revision of dielectric heating section.***  | Treatment of wood packaging material  |
| Replacement of MB (CPM 3/1) |  |  |
|  | 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 |
|  | 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 |
|  | No gap.  | **Requirements for the use of fumigation as a phytosanitary measure** (2014-004) (Priority 1) |  |  | Manual |
|  | No gap. | **Requirements for the use of temperature treatments as a phytosanitary measure**(2014-005) (Priority 1) |  |  | Manual |
|  | No gap. | **Requirements for the use of modified atmosphere treatments as a phytosanitary measure** (2014-006) (Priority 2) |  |  | Manual |
|  | No gap. | **Requirements for the use of chemical treatments as a phytosanitary measure** (2014-003) (Priority 3) |  |  | Manual |
|  | Guidelines for pest eradication programmes (ISPM 9) | Eradication programmes  |
| Manual on managing relationships with stakeholdersManual on Establishing an NPPO Manual on Operation of an NPPOCPM9 side session material on natural disaster |  | Communication plan for XylellaManual for development of contingency planManual for eradication Products of workshops for contingency planning and emergency response |
|  | No gap. | **Phytosanitary procedures for fruit fly (Tephritidae) management**(2005-010)  |  Phytosanitary procedures for fruit fly |
|  | IAEA manual on fruit flies |  |
|  | Integrated measures plants for planting (ISPM 36) | Integrated measures & systems approach |
|  | 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 |
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| **IPPC Area: PHYTOSANITARY IMPORT & EXPORT REGULATORY SYSTEMSIPPC SOs: A3, B4, C1, C2, C3, D3** |
| **Concept standards - “what”** | **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | Phytosanitary certification system (ISPM 7)  | Phytosanitary certificates (ISPM 12) Electronic phytosanitary certificates, information on standard XML schemes and exchange mechanisms (ISPM 12 - Appendix 1) Focused revision of ISPM 12 (Phytosanitary certificates) (2015-011) (Priority 2) | Phytosanitary certification |
| Export certification manual ePhyto related documents | ePhyto (proposed system: HUB) |  |
|  | Consignments in transit (ISPM 25) | Transit  |
| Transit manual |  |  |
|  | 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  |  |
|  | Guidelines for a phytosanitary import regulatory system (ISPM 20) | Import regulation |
| Import verification manual Explanatory document (2005) on ISPM 20 (*Guidelines for a phytosanitary import regulatory system*) Manual on Establishing an NPPO Manual on Operation of an NPPO |  |  |
|  |  | 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 (*Guidelines for a phytosanitary import regulatory system*)Manual on Establishing an NPPO Manual on Operation of an NPPO |  |  |
|  | No gap. | Guidelines for inspection (ISPM 23)  | Inspection |
|  |  | Manuals |
|  | Methodologies for sampling of consignments (ISPM 31) |  Sampling |
| Explanatory document (2009) on ISPM 31 (*Methodologies for sampling of consignments*)Diagnostic manual Plant pest surveillance manual |  | Manuals  |
|  | No gap. | Design and operation of post-entry quarantine stations for plants (ISPM 34)  |  Post-entry quarantine stations for plants |
|  |  | Design plan for PEQ |
|  | No gap. | No gap. | Dispute settlement |
| Dispute settlement manual |  |  |
|  | **Phytosanitary pre-import clearance (2005-003)** (Priority 3) | No gap. |  |
|  | No gap. | No gap. | Traceability  |
|  |  | Proposed trace back guidance |
|  | No gap. | **Minimizing pest movement by air containers and aircrafts (2008-002)** (Priority 3 (from 1)) | Pathways  |
|  |  | Code of conduct |
|  | 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 |
|  | 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 |
|  | No gap. | **International movement of growing media in association with plants for planting (2005-004)** (Priority 1) | International movement of growing media |
|  |  | Procedural guide |
|  | 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  |  |  |
|  | No gap. | **International movement of grain (2008-007)** (Priority 1) | International movement of grain |
| Protocol for alternative treatments for MB  |  | Manual on grainProcedural guide related to ISPMs |
|  | No gap. | **Guidelines for regulating wood packaging material in international trade (ISPM 15)** (Revision to include fraudulent use) (Priority 2) | Dielectric heat treatment |
| Explanatory document (2014) on ISPM 15 (*Guidelines for regulating wood packaging material in international trade*)Quick guide to Dielectric heating |  |  |
|  | 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 |
|  | No gap. | **International movement of seeds (2009-003)** (Priority 1) | International movement of seeds |
| Phytosanitary treatments |  | Manual Procedural guide related to ISPMs |
|  | No gap. | **International movement of wood (2006-029)** (Priority 1) |  International movement of wood |
| Phytosanitary treatments (MB etc.) |  | **Manual** **Procedural guide related to ISPMs** |
|  | 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) |  |  |

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| **IPPC Area: DIAGNOSTICSIPPC SOs: A1, B1, B4** |
| **Concept standards - “what”** | **Implementation standards - “how”** | **Other guidance** |
|  |  | **Developed** | **Under development** | **Planned to be developed/needed** |
|  | 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 |  |
|  | 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 DBInventory of trainings related to diagnostics |
|  | No gap. | No gap. | International or regional cooperation for diagnostics (e.g. Regional centers of expertise)  |
| CPM11 recommendation on the importance of plant pest diagnosis |  | Inventories of taxonomic collectionsRoster of taxonomic experts |