

FRAMEWORK FOR STANDARDS AND IMPLEMENTATION UPDATED BY SC AND IC IN 2018

Framework for Standards and Implementation
Endorsed by CPM-13 (2018); Updated by SC May 2018 and IC May 2018
Reviewed by SPG October 2018

Summary of the Framework for Standards and Implementation

1. What is the Framework for Standards and Implementation?

The Framework for Standards and Implementation is a database of existing or proposed standards and tools for implementation in the context of the core provisions of the Convention in order to enable the identification of gaps as guidance for the development of standards and implementation materials to support implementation of the Convention, standards and CPM recommendations.

2. Objective of the Framework

The Framework provides transparency of existing or proposed standards and tools for implementation and helps identify gaps capturing the CPM priorities in order to guide inclusion of submitted topics into the IPPC work programme.

3. Structure of the Framework

The Framework covers eight IPPC strategic work areas:

- General
- General Rights and Obligations
- Principles and Policies (Interpretation of the Convention)
- Pest Status
- Pest Risk Analysis
- Pest Management
- Phytosanitary Import & Export Regulatory Systems
- Diagnostics

LEGEND

FOR STANDARDS (left side of table):

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.

FOR OTHER GUIDANCE MATERIALS (right side of table):

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

IPPC Area: GENERAL
IPPC Strategic Objectives (SOs): A3, A4, B1, B2, B3, D2, D4

Concept standards - "what"		Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
1)	Audit in the phytosanitary context (2015-014) (Priority 1)	No gap.	Audit in the phytosanitary context		
					Guide on Audit in the phytosanitary context
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 Advocacy fact sheet for phytosanitary page	Reorganization of the Phytosanitary resources 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	IPPC-CBD joint work plan (2017-2018)	Sharing resources: ePhyto, evaluation tools

Concept standards - "what"		Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			<p>Training material for users on OCS</p> <p>IRSS study: Analyzing the benefits of implementing the IPPC</p>		
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</p>	<p>GEF project scoping through the IPPC Resource Mobilization Task Force (RMTF)</p>	<p>Protocol for alternative treatments for MB</p>

Concept standards - "what"		Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			the IPPC Coverage of Aquatic Plants		
5)	No gap.	No gap.	International cooperation among NPPOs		
			Manual on managing relationships with stakeholders		Cooperation on pest diagnostics among NPPOs. e.g.: training, guides, videos Mentoring on specific issues: PRA, risk based inspection, etc. Roster of experts High level symposium One Belt One Road
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

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
7)	No gap.	No gap.	Advocacy for NPPO resource mobilization PCE factsheet Manual on Establishing an NPPO Manual on Operation of an NPPO		Guide for Advocacy and gaining political support Strategies and policies for implementation of PCE tool PCE modernization of tool

IPPC GENERAL RIGHTS AND OBLIGATIONS
IPPC SOs: A1, A2, B2, B3, B4, C3, D3, Y4

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
8)	Elements of an effective NPPO e.g. training, engagement of stakeholders, competency (Priority 1)	No gap.	<p>Elements of an effective NPPO e.g. training, engagement of stakeholders, competency.</p> <p>Manual on Establishing an NPPO</p> <p>Manual on Operation of an NPPO</p> <p>Manual on managing relationships with stakeholders</p> <p>Manual of good practices for CPM participation</p> <p>NPPO establishment training kit</p> <p>NPPO operations training kit</p> <p>IPPC Introduction presentation</p> <p>PCE tool;</p> <p>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)</p>	<p>NRO e-learning (to be released)</p> <p>NRO UPDATE newsletter</p> <p>NRO Workshops and training materials</p>	<p>Strategies and policies for implementation of PCE tool</p> <p>PCE modernization of tool</p> <p>Strategy, policies and process for the development of IPPC guides and training materials</p> <p>Plant Health train the trainer workshops</p>

Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed

IPPC Guide to Resource Mobilization: Promoting contracting party partnerships

IRSS study: The Biosecurity approach: A review and evaluation of its application by FAO, internationally and in various countries

Training materials for PCE facilitator

Preparing a national phytosanitary Capacity Development Strategy - A Phytosanitary Capacity Development Training Tool For NPPOs

e-Learning: Introduction to the IPPC

NRO Procedures

NRO Guide

4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and Networking) and 13 NRO factsheets

NRO quality guidelines

Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
		<p>NRO lists</p> <p>NRO e-learning (to be released)</p> <p>NRO UPDATE newsletter</p> <p>NRO Workshops and training materials</p>		
<p>9) Revision: Pest reporting (ISPM 17) (Priority 2)</p>		<p>National Reporting Obligations</p> <p>Explanatory document (2005) on ISPM 17:2005 (Pest reporting)</p> <p>Explanatory document (2005) on ISPM 17 (Pest reporting)</p> <p>NRO Procedures</p> <p>NRO Guide</p> <p>4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and Networking) and 13 NRO factsheets</p> <p>NRO quality guidelines</p> <p>NRO lists</p> <p>NRO e-learning (to be released)</p>	<p>NRO e-learning (to be released)</p> <p>NRO UPDATE newsletter</p> <p>NRO Workshops and training materials</p>	

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
		NRO UPDATE newsletter NRO Workshops and training materials			
10)	Revision: Guidelines on lists of regulated pests (ISPM 19) (Priority 2)	Pest reporting NRO Procedures NRO Guide 4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and Networking) and 13 NRO factsheets NRO quality guidelines NRO lists NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials	NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials	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	NRO e-learning (to be released) NRO UPDATE newsletter	Guidance on tools for harmonized notification	

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			<p>NRO Procedures</p> <p>NRO Guide</p> <p>4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and Networking) and 13 NRO factsheets</p> <p>NRO quality guidelines</p> <p>NRO lists</p> <p>NRO e-learning (to be released)</p> <p>NRO UPDATE newsletter</p> <p>NRO Workshops and training materials</p>	<p>NRO Workshops and training materials</p>	
12)	National legislation requirements (Priority 4)	No gap.	<p>Development of national phytosanitary legislation</p> <p>Guidelines for the revision of national phytosanitary legislation – FAO</p> <p>Manual on Establishing an NPPO</p> <p>Training kit on Establishing an NPPO</p> <p>Manual on Operation of an NPPO</p>	<p>NRO e-learning (to be released)</p> <p>NRO UPDATE newsletter</p> <p>NRO Workshops and training materials</p>	<p>Case studies</p> <p>Legal and policy frameworks of plant protection</p> <p>Strategies and policies for implementation of PCE tool</p>

Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
				<p>PCE modernization of tool</p>

Concept standards - "what"		Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
13)	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 adopted during CPM 12 (2017). Recognition procedures for RPPOs to be reviewed and Procedure for de-recognizing the RPPOs		

**IPPC Area: PRINCIPLES AND POLICIES (interpretation of the Convention)
IPPC SOs: B2, B3, C3, D1, D3**

Concept standards - "what"		Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
14)	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		

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
15)	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>)		
16)	Efficacy of measures (2001-001) (Priority 4)	No gap.	Efficacy of measures		
			Beyond the compliance tool		Studies on efficacy of measures (e.g. treatments for fruit flies)
17)	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	Guide on Pest Free Areas (PFA)	Guide on Suite of fruit fly standards (IAEA) Infographic (mini video) on Fruit Fly standards (IAEA) Global workshop on PFAs e-Learning on Pest Free Areas(PFA)
18)	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		Studies on efficacy of measures (e.g. ; treatments for fruit flies)

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			Beyond the compliance tool		
19)	Authorization of entities other than national plant protection organizations to perform phytosanitary actions (2014-002) (Priority 2)	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 Guide
20)	No gap.	No gap.	Appropriate level of protection		
21)	No gap.	No gap.	State of plant protection in the world		
			CPM materials The IPPC seminars 2016 Global emerging issues – a report of findings from the 2016 IPPC regional workshops questionnaire	Soil and plant health paper	Range of papers to be elaborated within the framework of IYPH CPM papers Wish list to communicate with others

IPPC Area: PEST STATUS
IPPC SOs: A1, A2, B1

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
22)		Revision of ISPM 8 Determination of pest status in an area (2009-005, Priority 1)	NRO Procedures NRO Guide 4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and Networking) and 13 NRO factsheets NRO quality guidelines NRO lists NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials	Guide on Pest Status NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials	
23)	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)	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		

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
	Guidelines on the interpretation and application of the concept of official control for regulated pests (ISPM 5 - Supplement 1)		recommendation CPM-9/2014/01) GMOs, Biosafety and Invasive Species: ICPM 3 (2001) decision Plant pest surveillance manual		
24)	Host and non-host status (Priority 3)	Determination of host status of fruit to fruit flies (Tephritidae) (ISPM 37)	Host and non-host status		
				Guide on fruit fly phytosanitary procedures (IAEA)	Range of materials might be elaborated under the pilot implementation programme on surveillance
25)	Surveillance (ISPM 6)				
26)	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 Factsheet on <i>Xylella fastidiosa</i> Special topic session on Red Palm Weevil presentations posted on the phyto page with additional presentations related to surveillance Factsheet on Invasive ants	Outputs of the implementation pilot on Surveillance (activities on three example pests) Factsheet on fruit flies	Surveillance, case study on <i>Xylella fastidiosa</i> Surveillance, case study on invasive ants Surveillance, case study on fruit flies Revision of Plant Pest surveillance Guide

Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
27)	<p><u>Revision of ISPM 4 Requirements for the establishment of pest free areas (2009-002) (Priority 4)</u></p> <p>Establishment of pest free areas for fruit flies (Tephritidae) (ISPM 26)</p>	Guidance on PFA, PFPP and ALPP for a pest or a group of pests		
			Guide on Pest Free Areas (PFA)	<p>Global workshop on PFAs</p> <p>Infographic (mini video) on Fruit Fly standards (IAEA)</p> <p>e-Learning on Pest Free Areas(PFA)</p>
28)	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 Guide on Pest Free Areas (PFA)	<p>Global workshop on PFAs</p> <p>Infographic (mini video) on Fruit Fly standards (IAEA)</p> <p>e-Learning on Pest Free Areas(PFA)</p>
29)	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	<p>Guide on Pest Free Areas (PFA)</p> <p>Guide on fruit fly phytosanitary procedures (IAEA)</p>	

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
30)	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>Guide on Pest Free Areas (PFA)</p> <p>Guide on fruit fly phytosanitary procedures (IAEA)</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"	Guidance: Developed	Under development	Planned/needed
31)	<p>Framework for pest risk analysis (ISPM 2)</p> <p>Supplement on Guidance on the concept of the likelihood of establishment component of a pest risk analysis for quarantine pests to ISPM 11 Pest risk analysis for quarantine pests (2015-010) (Priority 4)</p>	<p>Pest risk analysis for quarantine pests (ISPM 11)</p> <p>Pest risk analysis for regulated non-quarantine pests (ISPM 21)</p> <p>Categorization of commodities according to their pest risk (ISPM 32)</p> <p>Guidelines for the export, shipment, import and release of biological control agents and other beneficial organisms (ISPM 3)</p> <p style="color: red;">Guidance on climate change (supplement to ISPM 11) (Priority 3)</p>	<p>Commodity and host pest lists</p> <hr/> <p>PRA awareness toolkit</p> <p>PRA training (manual and eLearning)</p> <p>Diversion from Intended Use: Consideration of the extent of the issue</p> <p>Guidance for conducting pest risk analysis of living modified organisms (LMOs)</p> <p>NRO Procedures</p> <p>NRO Guide</p> <p>4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and Networking) and 13 NRO factsheets</p> <p>NRO quality guidelines</p> <p>NRO lists</p>	<p>Guide on Pest Risk communication</p> <p>NRO e-learning (to be released)</p> <p>NRO UPDATE newsletter</p> <p>NRO Workshops and training materials</p>	<p>Guidance on adherence to ISPM 32</p> <p>Pest modelling in context of PRA</p>

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials		
32)	Revision and combination of PRA standards (including ISPM 2, 11 and 21) (priority 4)		Commodity and host pest lists		
33)	Guidance on pest risk management (2014-001) (Priority 2)	Specific guidance on pest risk management for pests or a group of pests (Priority 3)	Pest risk management for pests or group of pests		
34)	Risk communication (Priority 3)		Risk communication		
35)	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		
36)	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		Template for economic analysis of pest impact

IPPC Area: PEST MANAGEMENT
IPPC SOs: A1, A2, B1, B2, B4, C2, D1

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
37)	Management of regulated pests (Priority 4)	No gap.	Management of regulated pests		
				CDC document on Phytosanitary measures	
38)	No gap.	No gap.	Pest management options		
			Beyond the compliance tool		Studies on efficacy
39)	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 NRO Procedures NRO Guide 4 NRO leaflets (Benefits of reporting, Consequences of not reporting, Official Contact Points: advantages & consequences and	Communication plan for Xylella NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials	Guidelines for development of contingency plans Products of workshops for contingency planning and emergency response

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			Networking) and 13 NRO factsheets NRO quality guidelines NRO lists NRO e-learning (to be released) NRO UPDATE newsletter NRO Workshops and training materials		
40)	No gap.	Criteria for treatments for wood packaging material in international trade (draft annex to ISPM 15) (2006-010) (Priority 2) Revision of annex 1 and 2 of ISPM 15 (Inclusion of the Phytosanitary treatment <i>Sulphuryl fluoride fumigation of wood packaging material</i> and <i>Revision of dielectric heating section</i>)	Treatment of wood packaging material Replacement of MB (CPM 3/1)		Guide on ISPM 15 treatment: Approval and monitoring of Heat treatment and dielectric heat treatment facilities (IFQRG) Guide on ISPM 15 treatment: Dielectric heat treatments (IFQRG)
41)	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

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
42)	<u>Requirements for the use of irradiation as a phytosanitary measure (Revision to ISPM 18) (2014-007) (Priority 3)</u>		Guidelines for the use of irradiation as a phytosanitary measure		
			Explanatory document (2006) on ISPM 18:2003 (<i>Guidelines on the use of irradiation as a phytosanitary treatment</i>)		Guide for irradiation
43)	No gap.	Requirements for the use of fumigation as a phytosanitary measure (2014-004) (Priority 1)			Guide on fumigation as phytosanitary measure
44)	No gap.	Requirements for the use of temperature treatments as a phytosanitary measure (ISPM 42)			Guide on temperature treatments as phytosanitary measure
45)	No gap.	Requirements for the use of modified atmosphere treatments as a phytosanitary measure (2014-006) (Priority 2)			Guide on modified atmosphere treatments as a phytosanitary measure
46)	No gap.	Requirements for the use of chemical treatments as a phytosanitary measure (2014-003) (Priority 3)			Guide on chemical treatments as a phytosanitary measure
47)	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	Communication plan for Xylella	Guide for development of contingency plan Guide for eradication Products of workshops for contingency planning and emergency response

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			CPM9 side session material on natural disaster		
48)	No gap.	Phytosanitary procedures for fruit fly management (Annex 3 of ISPM 26)	Phytosanitary procedures for fruit fly	Guide on fruit fly phytosanitary procedures (IAEA)	
49)	Integrated measures plants for planting (ISPM 36)		Integrated measures & systems approach		
50)	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) Use of systems approaches in managing risks associated with the movement of wood commodities (2015-004) (Priority 3) Specific guidance on systems approaches for commodities or pests (Priority 4)	Beyond the compliance		Guide on Pest Risk Management

IPPC Area: PHYTOSANITARY IMPORT & EXPORT REGULATORY SYSTEMS
IPPC SOs: A3, B4, C1, C2, C3, D3

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
51)	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 related documents Factsheet on Plant Health and trade facilitation IRSS study: Internet Trade (e-Commerce) in Plants: Potential Phytosanitary Risks	ePhyto (proposed system: HUB)	Guide on e-commerce
52)	Consignments in transit (ISPM 25)		Transit		
			Transit manual		
53)	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
54)	Guidelines for a phytosanitary import regulatory system (ISPM 20)		Import regulation		
			Import verification manual	ePhyto (proposed system: HUB)	Guide on e-commerce

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			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 ePhyto related documents Factsheet on Plant Health and trade facilitation IRSS study: Internet Trade (e-Commerce) in Plants: Potential Phytosanitary Risks		
55)		Guidelines for a phytosanitary import regulatory system (ISPM 20) Use of specific import authorization (2008-006) (ISPM 20, new annex) (Priority 4)	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		

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
56)	No gap.	Guidelines for inspection (ISPM 23)	Inspection		
					Guide on inspection
57)	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		Guide on sampling
58)	No gap.	Design and operation of post-entry quarantine stations for plants (ISPM 34)	Post-entry quarantine stations for plants		
					Design plan for PEQ
59)	No gap.	No gap.	Dispute avoidance and settlement		
			IPPC Dispute settlement procedures(2001) Factsheet : A brief guide to dispute settlement under the IPPC		Revision of IPPC Dispute settlement procedures (2001) Guide on Dispute avoidance and settlement
60)	Arrangements for the verification of compliance of consignments by the importing country in the exporting country (Annex 1 of ISPM 20)	No gap.			

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
61)	No gap.	No gap.	Traceability		
					Proposed trace back guidance
62)	No gap.	Minimizing pest movement by air containers and aircrafts (2008-002) (Priority 3)	Pathways		
					Code of conduct
63)	No gap.	International movement of cut flowers and foliage (2008-005) (Priority 4)	International movement of cut flowers and foliage		
					Procedural guide related to ISPMs
64)	No gap.	Safe handling and disposal of waste with potential pest risk generated during international voyages (2008-004) (Priority 2)	Safe handling and disposal of waste		
					Procedural guide related to ISPMs Code of conduct
65)	No gap.	International movement of growing media in association with plants for planting (ISPM 40)	International movement of growing media		
					Procedural guide
66)	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 CPM Complementary action plan sea containers		Guidance for the implementation of the CPM recommendation on sea containers

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
			Factsheet on Sea container cleanliness		
67)	No gap.	International movement of grain (2008-007) (Priority 1)	International movement of grain		
			Protocol for alternative treatments for MB		Guide on grain Procedural guide related to ISPMs
68)	No gap.	Regulation of wood packaging material in international trade (ISPM 15) <i>(Revision of ISPM15 to include fraudulent use) (Priority 2)</i>	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		Guide on ISPM 15 treatment: Dielectric heat treatments (IFQRG)
69)	No gap.	International movement of used vehicles, machinery and equipment (ISPM 41)	International movement of used vehicles, machinery and equipment		
					Codes of conduct
70)	No gap.	International movement of seeds (ISPM 38)	International movement of seeds		
			Phytopsanitary treatments		Procedural guide related to ISPMs
71)	No gap.	International movement of wood (ISPM 39)	International movement of wood		
			Phytopsanitary treatments (MB etc.)		Procedural guide related to ISPMs

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
72)	No gap.	International movement of wood products and handicrafts made from wood (2008-008) (Priority 2)	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) Materials of the CPM12 special topic session on e-commerce.		

IPPC Area: DIAGNOSTICS
IPPC SOs: A1, B1, B4

	Concept standards - "what"	Implementation standards - "how"	Guidance: Developed	Under development	Planned/needed
73)	Diagnostic protocols for regulated pests (ISPM 27)	Annexes to Diagnostic protocols for regulated pests (ISPM 27) <i>Citrus leprosis virus</i> (Priority 2) <i>Pyricularia oryzae</i> (syn. <i>Magnaporthe oryzae</i>) on <i>Triticum</i> spp. (Priority 1) <i>Microcyclus ulei</i> (Priority 1) <i>Mononychellus tanajoa</i> (Priority 2) <i>Puccinia graminis f.sp. tritici</i> UG 99 (Priority 1) <i>Monilophthora rorer</i> (Priority 3) <i>Solanum rostratum</i> (Priority 2) <i>Amaranthus palmeri</i> (Priority 2)	Requirements for diagnostics Guide to delivering phytosanitary diagnostic services CPM11 recommendation on the importance of plant pest diagnosis (R-07)	Assessment framework for diagnostic services Specimen imaging guide for contracting parties	
74)	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
75)	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 (R-07)		Inventories of taxonomic collections Roster of taxonomic experts