



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention



INTERNATIONAL YEAR OF
PLANT HEALTH

2020

PROTECTING PLANTS,
PROTECTING LIFE

IPPC Implementation and Capacity Development Resources

IPPC Secretariat

2020 IPPC RWs

National Phytosanitary Capacity

Definition: the ability of individuals, organizations and systems of a country to perform functions effectively and sustainably in order to protect plants and plant products from pests and to facilitate trade.

[IPPC National Phytosanitary Capacity Development Strategy \(2012-2018\)](#)

Development of Phytosanitary Capacity

National process:

- Led by an NPPO
- With the involvement of national stakeholders
- Supported and facilitated by:
 - The IPPC Secretariat
 - Regional plant protection organizations
 - FAO regional and Sub-regional offices
 - Donors and development agencies
 - International organizations



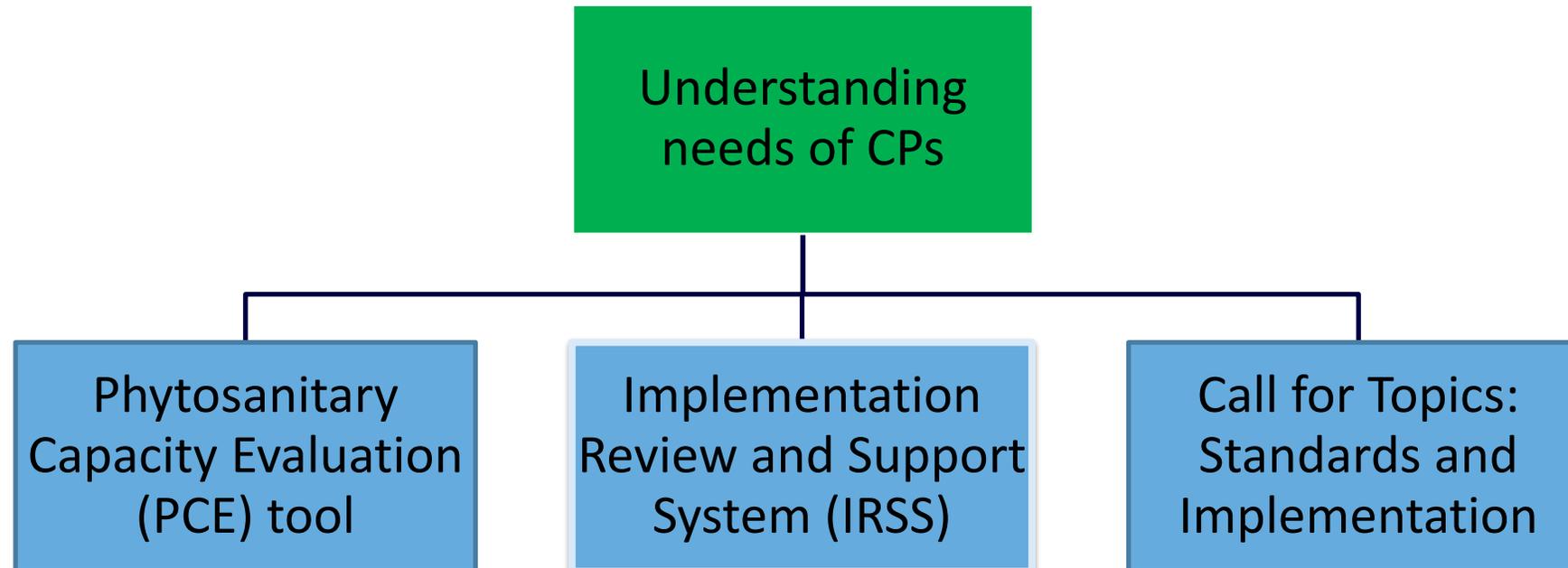
Technical Assistance

Art XX IPPC

The contracting parties agree to promote the provision of technical assistance to contracting parties, especially those that are developing contracting parties, either bilaterally or through the appropriate international organizations, with the objective of facilitating the implementation of this Convention



IPPC Tools for Needs Identification



Gaps recording - Framework for Standards and Implementation -

A1 Strategic objective A: *Enhance Global Food Security and Increase Sustainable Agricultural Productivity*
Key result area A1: All NPPOs have effective pest surveillance systems in place for timely detection of new pest arrivals and monitoring spread

	Standards	Implementation
Developed materials	<ul style="list-style-type: none"> Requirements for the establishment of pest free areas (ISPM 4) Surveillance (ISPM 6) Determination of pest status in an area (ISPM 8) Requirements for the establishment of pest free places of production and pest free production sites (ISPM 10) Requirements for the establishment of areas of low pest prevalence (ISPM 22) Establishment of pest free areas for fruit flies (<i>Tephritidae</i>) (ISPM 26) Recognition of pest free areas and areas of low pest prevalence (ISPM 29) 	<ul style="list-style-type: none"> Guide, Plant Pest Surveillance Guide, Pest Free Area
List of topics	<ul style="list-style-type: none"> Revision of ISPM 8 Determination of pest status in an area (2009-005, Priority 1) Revision of ISPM 4 Requirements for the establishment of pest free areas (2009-002, Priority 4) 	<ul style="list-style-type: none"> Symposium on Pest Free Areas and Surveillance (2017-053, Priority 1) Guidelines for surveillance of <i>Xylella fastidiosa</i> (2018-037, Priority 1) Pest Free Areas (PFA), eLearning (2017-044, Priority 2) Pest Status, Guide (2017-048, Priority 2) Fruit fly phytosanitary procedures, Guide (2017-040, Priority 3) Fruit fly standards, Guide on suite of standards (2017-041, Priority 3) Fruit fly standards, Infographic (FAO/IAEA) (2017-042, Priority 3) Plant Pest Surveillance Guide Revision (2017-049, Priority 3) Implementation of official control (ISPM 5; Supplement 1) and pest free areas (ISPM 4) (2018-007, Priority 3) Smart phone application to monitor <i>Xylella fastidiosa</i> for all relevant stakeholders and a mapping system to follow up on its global distribution (2018-023, Priority 4) Plant Health Surveillance portal (2015-015, Pending) Surveillance, case study on fruit flies (2016-017, Pending) Surveillance, case study on invasive ants (2016-018, Pending) Surveillance, case study on <i>Xylella fastidiosa</i> (2016-019, Pending)
Gaps identified	<ul style="list-style-type: none"> Specific guidance on surveillance for a pest or a group of pests (Priority 3)¹³ Specific guidance on PFA, PFPP and ALPP for a pest or a group of pests (Priority 4)¹⁴ 	<ul style="list-style-type: none"> Specific guidance on surveillance for a pest or a group of pests Specific guidance on PFA, PFPP and ALPP for a pest or a group of pests
Supporting documents		

¹³ Standard and Implementation material for this topic could be developed potentially simultaneously.

¹⁴ Standard and Implementation material for this topic could be developed potentially simultaneously.

Current activities: IPPC Global Plant Health Surveillance Initiative

The eight key surveillance products and activities planned in 2019-2020:

Global activities:

- A special session on surveillance was dedicated during the IPPC International Symposium for PFAs and Surveillance - *delivered*
- IPPC Surveillance Manual Reviewed – *in progress*
- IPP Surveillance Landing Page – *in progress*

Current activities: IPPC Global Plant Health Surveillance Initiative

The eight key surveillance products and activities :

Contributed resources being developed by Australia

- e-Learning Surveillance Training Package
- Global Plant Health Surveillance Information Portal
- Global Surveillance Experts Register

Global Surveillance Projects Register to be embedded in the current
Implementation and Capacity Development projects webpage – *in progress*

IPPC Guides and training materials

All IPPC Guides and training materials are freely available at:

<https://www.ippc.int/en/core-activities/capacity-development/guides-and-training-materials/>

Guides

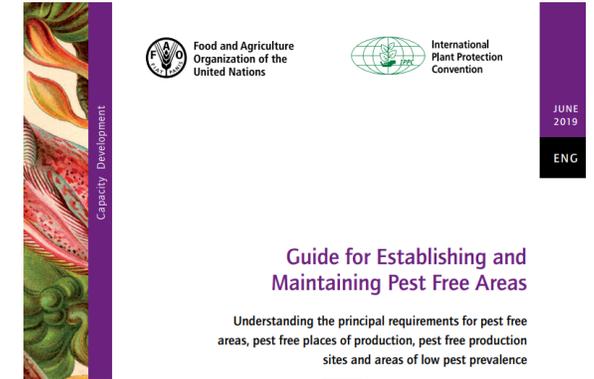
- [Market Access](#)
- [Transit](#)
- [Establishing a National Plant Protection Organization](#)
- [Operation of a National Plant Protection Organization](#)
- [Managing Relationships with Stakeholders](#)
- [Import Verification](#)
- [Export Certification](#)
- [Plant Pest Surveillance](#)
- [Guide to Delivering Phytosanitary Diagnostic Services](#)
- [Good practices for CPM participation](#)

Training Kits

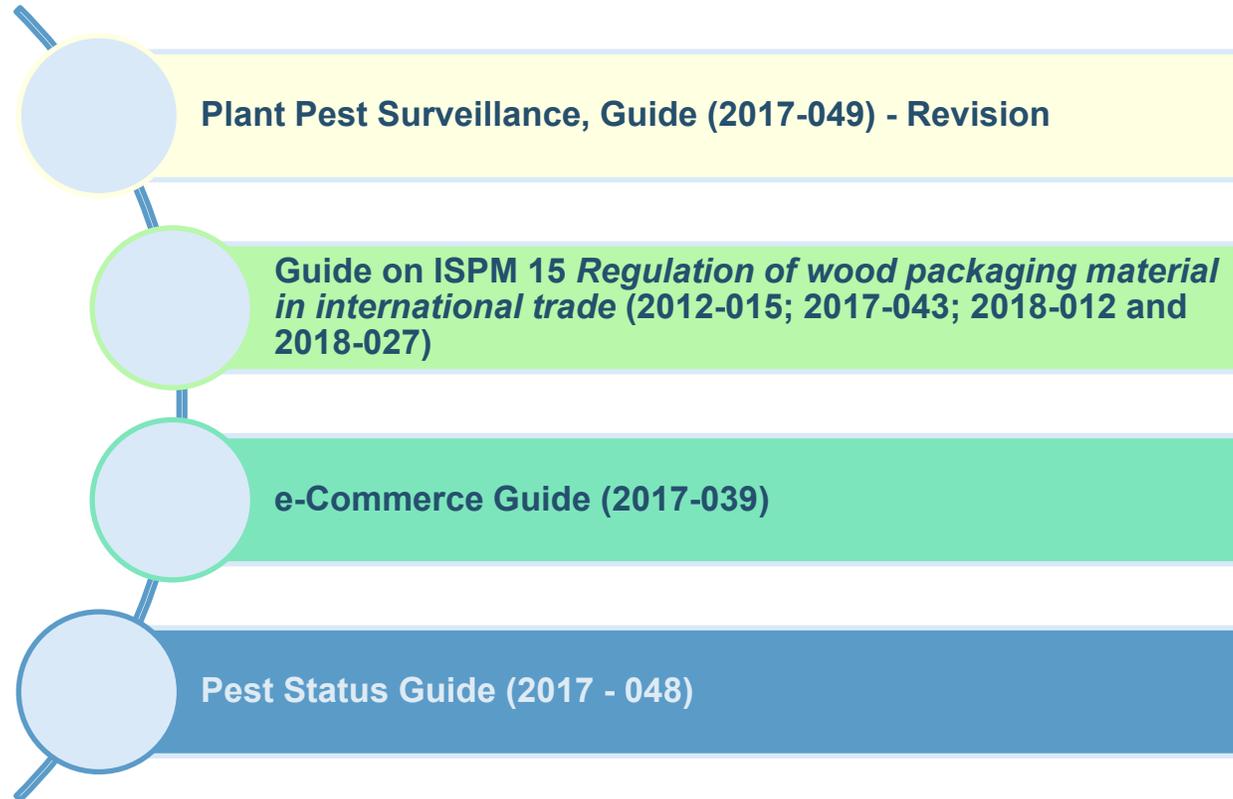
- [e-learning course "Introduction to the International Plant Protection Convention"](#)
- [e-learning on PRA](#)
- [e-learning: Trade in forest commodities and the role of phytosanitary measures](#)
- [e-learning course on National Reporting Obligations](#)
- [PRA awareness material](#)
- [Training materials on PRA](#)
- [Participation in the CPM](#)
- [NPPO establishment training kit](#)
- [NPPO operations training kit](#)
- [IPPC introduction presentation](#)

Fact sheets

- [Dielectric heat treatment fact sheet](#)
- [Plant Pest Surveillance](#)
- [Establishment and Operation of NPPOs](#)
- [Fact sheet on Managing Relationships with Stakeholder](#)
- [PCE overview](#)
- [PCE extended view](#)
- [Facing the threat of Xylella fastidiosa together](#)
- [Invasive ants as a biosecurity threat](#)
- [Implementation Review and Support System](#)
- [Reducing the spread of invasive](#)



IPPC Guides under the Development



For more information consult :

[Guides and training materials at https://www.ippc.int/en/core-activities/capacity-development/guides-and-training-materials/](https://www.ippc.int/en/core-activities/capacity-development/guides-and-training-materials/)
[Development of guides and training materials at https://www.ippc.int/en/core-activities/capacity-development/guides-and-training-materials/development-guides-and-training-materials/](https://www.ippc.int/en/core-activities/capacity-development/guides-and-training-materials/development-guides-and-training-materials/)

Design thinking study

Challenges

- **Travel restrictions** due to the global pandemic
- Limited **team resources** within Secretariat to cover physical touchpoints
- Diverse **audiences** with various needs in terms of training material
- High **turnover rates** among NPPOs
- Low use of guides and current training materials
- Need for **cost-efficient** approaches to deliver capacity development



How can we leverage digital methods to efficiently deliver IPPC implementation and capacity development activities at global, regional and national levels?

Design thinking study: a three steps approach



01 Scope

Understand IPPC activities and define the scope of the research (users/countries)

- Kick-off Workshops with IFU Team

(2020/07/10)

- Interviews to IFU staff



02 Understand

Understand the target user experience

- Interviews to NPPO staff

of two developing

countries

- Research debrief



03 Define

Prioritize the opportunities and redesign one of the journey

- Debrief/prioritization workshop

- Design sprint

Enhanced implementation on IPPC website

- Webpages for each component of a phytosanitary system are being developed where standards, guides & training material and contributed resources will be presented for easy NPPO access
- Implementation & Capacity Development webpages on the IPP have been restructured in a more user friendly style



Contact us

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