



Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

**2025**  
**IPPC**  
**REGIONAL**  
**WORKSHOP**

## Getting In Touch About CPM FG on Global Diagnostic Laboratory Networks (FG DLN)

Prepared by IPPC Secretariat for the IPPC Regional Workshops 2025



## Background & Strategic Relevance

- One of the key development programmes of the IPPC Strategic Framework 2020–2030:  
*“Promote diagnostic laboratories and establish laboratory networks.”*
- Global pest spread requires fast, accurate identification to trigger responses
- Many NPPOs lack access to reliable diagnostics or harmonized protocols
- A coordinated laboratory network can improve global readiness and harmonization





Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

**2025**  
**IPPC**  
REGIONAL  
WORKSHOP

## Why It Matters

- Early pest detection is only as good as the diagnostics behind it
- Delays in accurate pest ID can cause:
  - Spread of invasive species
  - Trade disruptions
  - Ineffective or delayed phytosanitary action
- Global diagnostic capacity is uneven:
  - Many NPPOs rely on external labs or outdated protocols
  - No formal structure exists for knowledge or protocol sharing
  - Lack of expertise
- A network can close the gap, improve response time, and promote harmonization







Food and Agriculture  
Organization of the  
United Nations

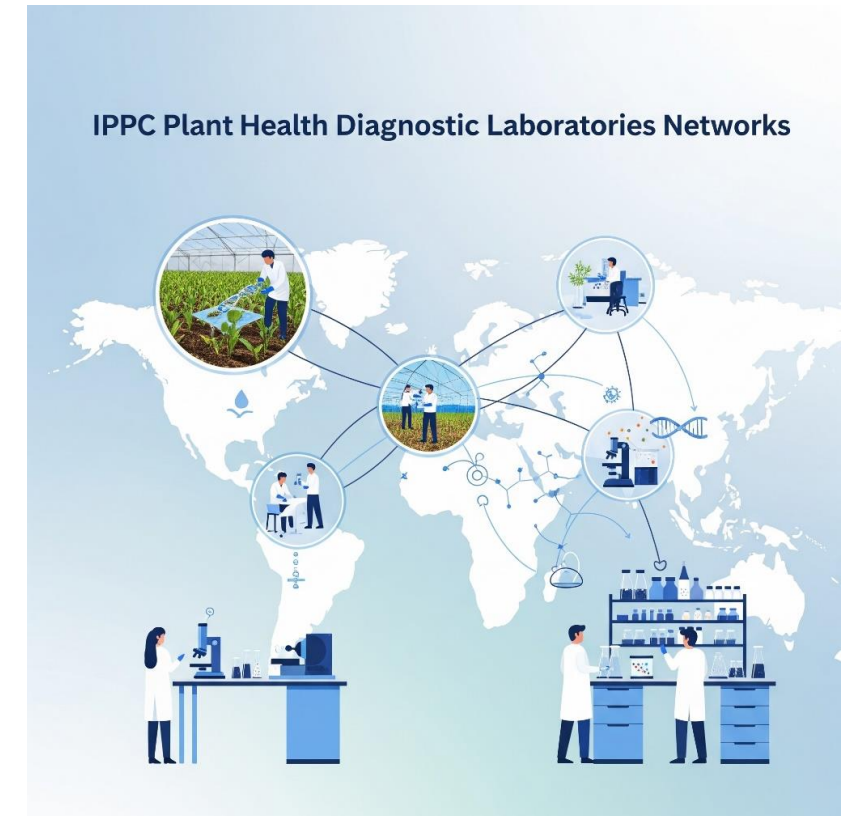


International  
Plant Protection  
Convention

2025  
IPPC  
REGIONAL  
WORKSHOP

## Focus Group Mandate & Scope

- Focus Group established by CPM-17 (2023), term extended until CPM-22 (2028). However, its work did not yet start.
- It will operate under Terms of Reference adopted by CPM-18 (2024)
- **Objectives:**
  - ✓ To assist in gathering information for the design of a global network of diagnostic laboratory services and diagnostic protocols for plant pests.
  - ✓ Also, to analyze the results of an assessment on the current “state of the art on diagnostic laboratories network in the world, successes and gap analysis” provided by an international consultant.
  - ✓ The focus group is also to define the scope of what would constitute an “IPPC laboratory diagnostic networking” and develop an implementation action plan for this IPPC Strategic Framework 2020 – 2030 development agenda item.
- Reporting to CPM via Bureau, with inputs from IPPC Strategic Planning Group (SPG)





Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

**2025**  
**IPPC**  
REGIONAL  
WORKSHOP

## Foundational Work in Progress

- **South Africa based in-kind consultant** supporting background analysis on information gathering on existing network
- Key activities:
  - Literature review of diagnostic networks
  - Interviews with NPPOs, RPPOs, and leading networks of organizations
  - Case studies of successful networks
  - Conduct gap analysis
- Draft of first findings and discussions to be presented at to the First Focus Group meeting and then to the SPG meeting (October 2025)





Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

**2025**  
**IPPC**  
REGIONAL  
WORKSHOP

## Current Activities and Timeline

- **Call for Experts launched: June 2025 – Extended call until 10 August!**
  - Open to NPPOs and RPPOs
    - ✓ Ensure experts have the proper time to dedicate to the focus group and to this development agenda item
  - Bureau will review and appoint members
- **First Focus Group Meeting: October 2025 (in person)**
  - Kick-off technical discussion using consultant's report
  - Define priorities, approach, and expected deliverables







Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

**2025  
IPPC  
REGIONAL  
WORKSHOP**

## Vision & Ways to Contribute

- Target: a practical, scalable global laboratory network for diagnostics
- Expected outcomes by 2026, 2027 and final report in 2028:
  - Recommendations to CPM
  - A phased implementation framework
- Stakeholder engagement:
  - Nominate experts
  - Share national/regional practices
  - Participate in technical consultation rounds





Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

# 2025 IPPC REGIONAL WORKSHOP

# Thank you

**IPPC Secretariat**

Food and Agriculture Organization  
of the United Nations (FAO)  
[ippc@fao.org](mailto:ippc@fao.org) | [www.ippc.int](http://www.ippc.int)