



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention

2025
IPPC
REGIONAL
WORKSHOP

Africa Phytosanitary Programme (APP)

IPPC Secretariat



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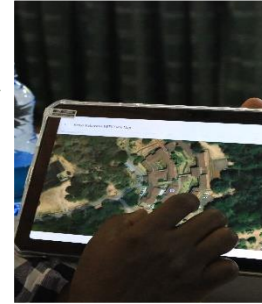


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Africa Phytosanitary Programme

Enhancing the capacity of NPPOs in Africa to use science and **digital technology** for better surveillance, and **timely and effective** control of pests with regulatory, economic and environmental significance.



Modernization: Providing modern science and GIS digital tools



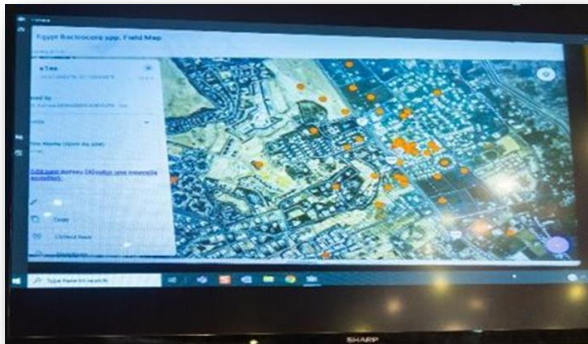
Safe trade: Promoting **safe trade practices** to protect plant health



Capacity building: Strengthening national phytosanitary systems



APP Objectives



1

Proactive surveillance of plant pests

2

Timely and accurate **pest identification and diagnostics**

3

Effective pest **data collection, storage, and analytics**



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APP implementation

- 1 Plant pest survey protocols
- 2 Tablets for pest surveillance
- 3 GIS HUB & mobile applications
- 4 Field supplies
- 5 APP regional and national trainings
- 6 Technical support





Phased implementation approach





Selection of countries per sub-region

01 North Africa: **Egypt and Morocco**

02 West Africa: **Guinea-Bissau, Mali and Sierra Leone**

03 Central Africa: **Cameroon and DRC**



04 East Africa: **Kenya and Uganda**

05 Southern Africa: **Zambia and Zimbabwe**

Selection of 5 pests of regulatory, economic and environmental importance.

Designation of 6 experts to become APP trainers for the 50 national field surveyors.



Pilot Phase Progress



All pilot countries submitted detailed **operational plans to guide APP implementation**

01

National trainings on **pest surveillance and early detection**.
IPPC e-learning courses

02

~46 tablets have been distributed to each pilot country, equipped with pre-loaded APP tools and resources

03

APP pilot countries are already using **APP tools (Field maps, Survey 1,2,3, GIS HUB)** for pest monitoring and surveys

04



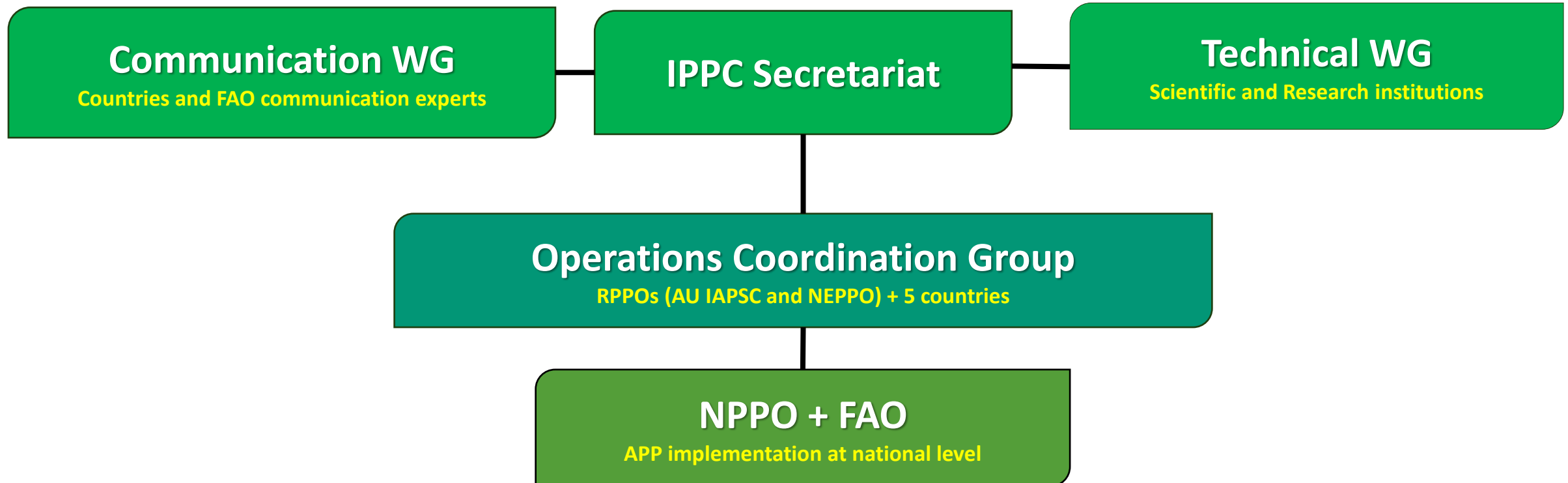
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Proposed APP Governance





APP key achievements (1)



570 ESRI user accounts created for 11 APP Phase 1 countries

1

500 tablets with APP software distributed to countries

2

Additional tablets for 8 APP Phase 2 countries

3

1 APP GIS HUB platform operational on the IPP

4

57 GIS maps of priority pests created

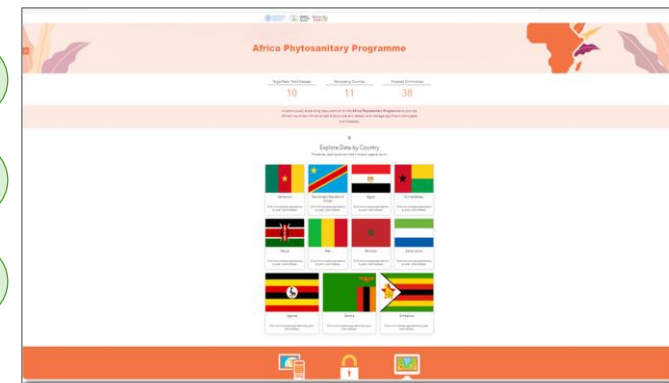
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38 plant pest survey protocols developed

6

Technical
Infrastructure

Technology
deployment





APP Key achievements (2)



Training and engagement

2 Train-the-trainer workshop

1

8 APP national training sessions organized (5 training country-funded workshops)

2

11 APP visits to ministers and FAO Representatives in Phase 1 countries

3

1 engagement with Africa Regional Group (ARG) to the three Rome-based United Nations agencies

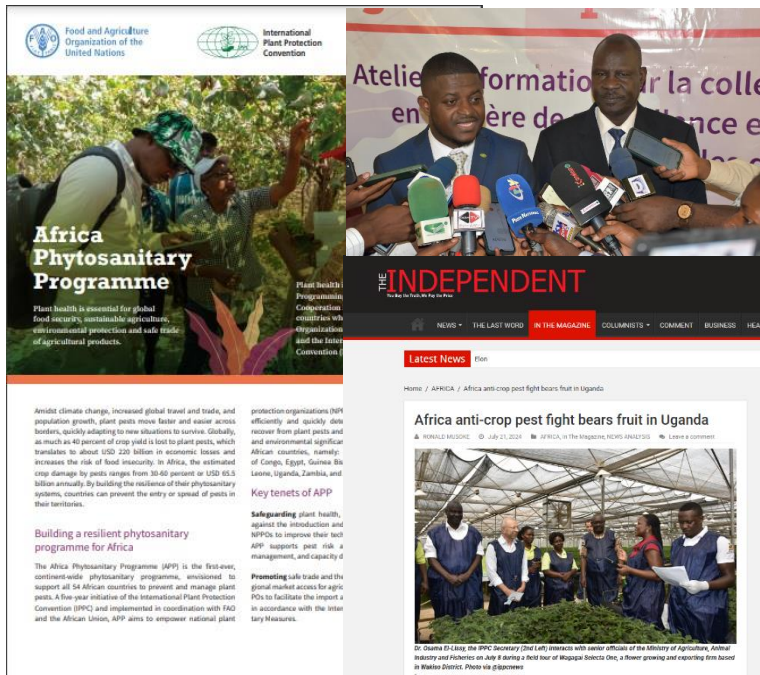
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The USDA – APHIS training of three IPPC Secretariat staff as transitional step

5



APP Key achievements (3)



Communication & advocacy

1 APP brochure in 4 languages (AR, EN, FR, PT)

1

3 APP training videos (GIS HUB, citrus greening, mobile applications)

2

102 APP mentions in national, regional, and international media

3

100+ social media messages on X, Facebook and LinkedIn with 150k views

4

1 Policy article in Frontiers science journal

5

11+ news articles on the IPPC website (IPP)

6



APP Phase 2

2024/2025 Nominated Countries

Sub-Region	Country
West Africa	Cape Verde, Liberia, Senegal
Central Africa	Congo, Chad
Southern Africa	Malawi, South Africa
North Africa	Algeria, Tunisia

Each country : list of the top **five priority pests**

Nominated 5 experts for the onboarding training in
June 2025

APP training phase 2 Countries

Assessment for APP phase 1 countries

01

Organize a Train-the-trainer workshop
for **APP Phase 2 countries**
23-27 June 2025 in **South Africa**

02



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Recommendations



More **strategic guidance** to advance APP plans to support countries



More staff and specialized **technical support** to the IPPC secretariat



More **countries** and **stakeholders' engagement** to maximize impact

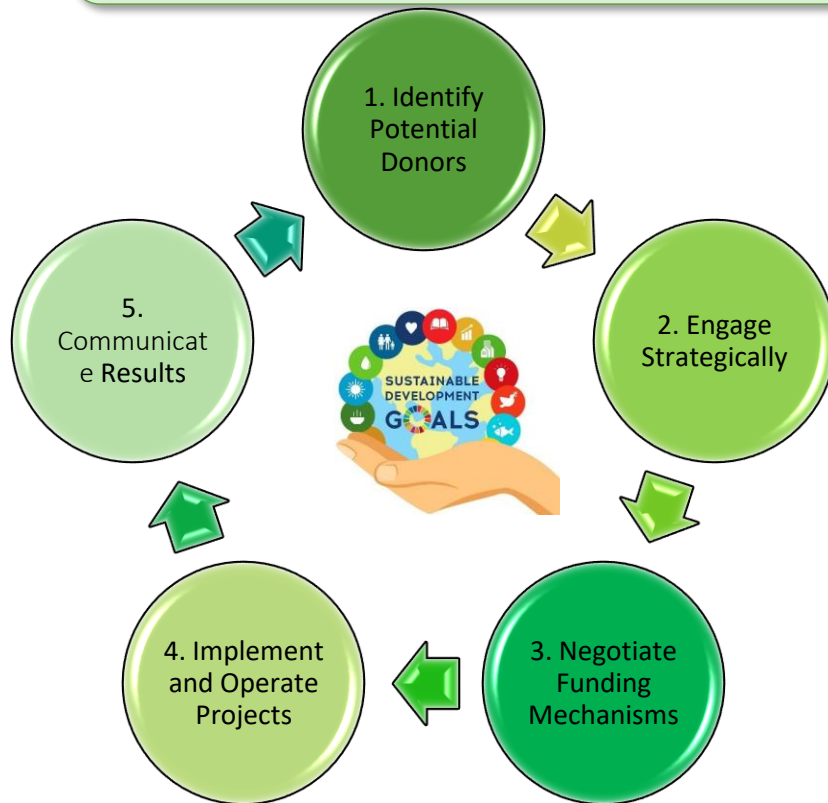


More **resource mobilization** to ensure APP's long-term sustainability.





Resource Mobilization



Technology and Data

- Enhancement of the APP GIS HUB
- Survey Protocols
- Operational Maintenance

Communication and Advocacy

- Communication and outreach materials (brochures, headlining's, videos, blogs, stories, photography)

Training Programs

- Regional "Train-the-Trainers" workshops
- Tailored in-country trainings to build local capacity
- Continuous technical expertise

Sustainable Support

- Robust financial resources to sustain and scale activities over time

Field Equipment

- Tablets and other laboratory equipment.
- Field Supplies (Lures, Traps, Pheromones, Diagnostic kits)

Coordination

- Coordination of the Programme by the APP team
- Ability to provide support, assist in innovation and implementation by the APP team.



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Thank you

IPPC Secretariat

Food and Agriculture Organization
of the United Nations (FAO)
ippc@fao.org | www.ippc.int