



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention

Commission on Phytosanitary Measures | 20th Session

9–13 March 2026
Rome, Italy

CPM 20

Africa Phytosanitary Programme

Strengthening plant health systems across the continent through capacity building, digital innovation, and regional collaboration



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What is the APP?

Africa Phytosanitary Programme (APP) is an initiative developed by the IPPC Secretariat and African Union to strengthen **Africa's resilience against plant pests** that threaten agricultural productivity, food security and economic stability across the continent.





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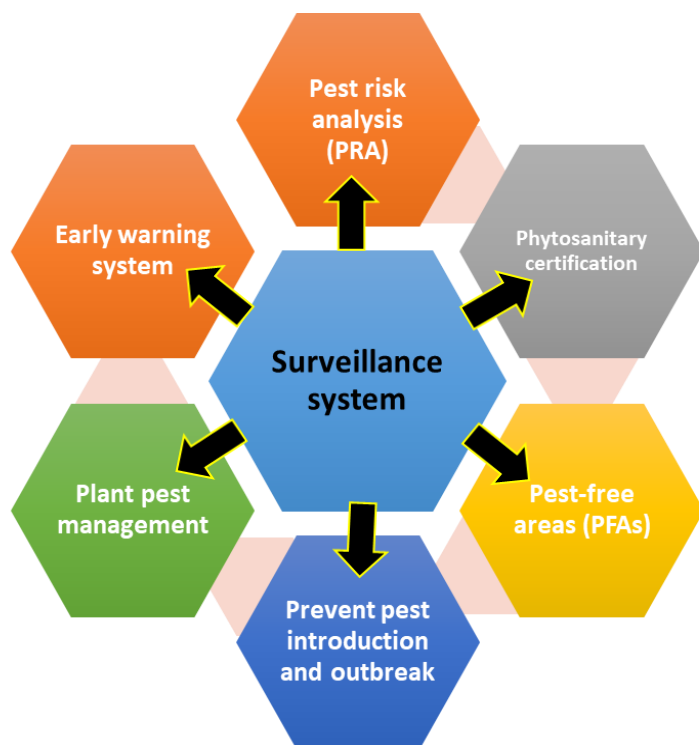
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Why APP?

The IPPC aims to protect **global plant resources** from the introduction and spread of plant pests, in order to preserve **food security, biodiversity** and **facilitate trade**.



20-40%

global annual crop loss
from plant pests¹ or around
USD 220 billion annual
economic loss



30-60%

of crop yields are lost in **Africa**
due to insects²



USD 65.6 billion

Estimated annual cost
attributed to damage caused
by invasive alien species in
Africa³.



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Programme Expansion and Country Engagement

11

Pilot Phase Countries

September 2023



9

Phase 2 Countries

Additional countries joined
in 2025



20

Total Coverage

Countries actively
implementing APP

Phase Two was launched through a Train-the-Trainer workshop in **South Africa in June 2025**. Countries were selected in consultation with RECs, AU-IAPSC and NEPPPO. All participating countries have submitted national APP implementation plans for 2025–2027, confirming their commitment to programme delivery.



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Current APP participating countries

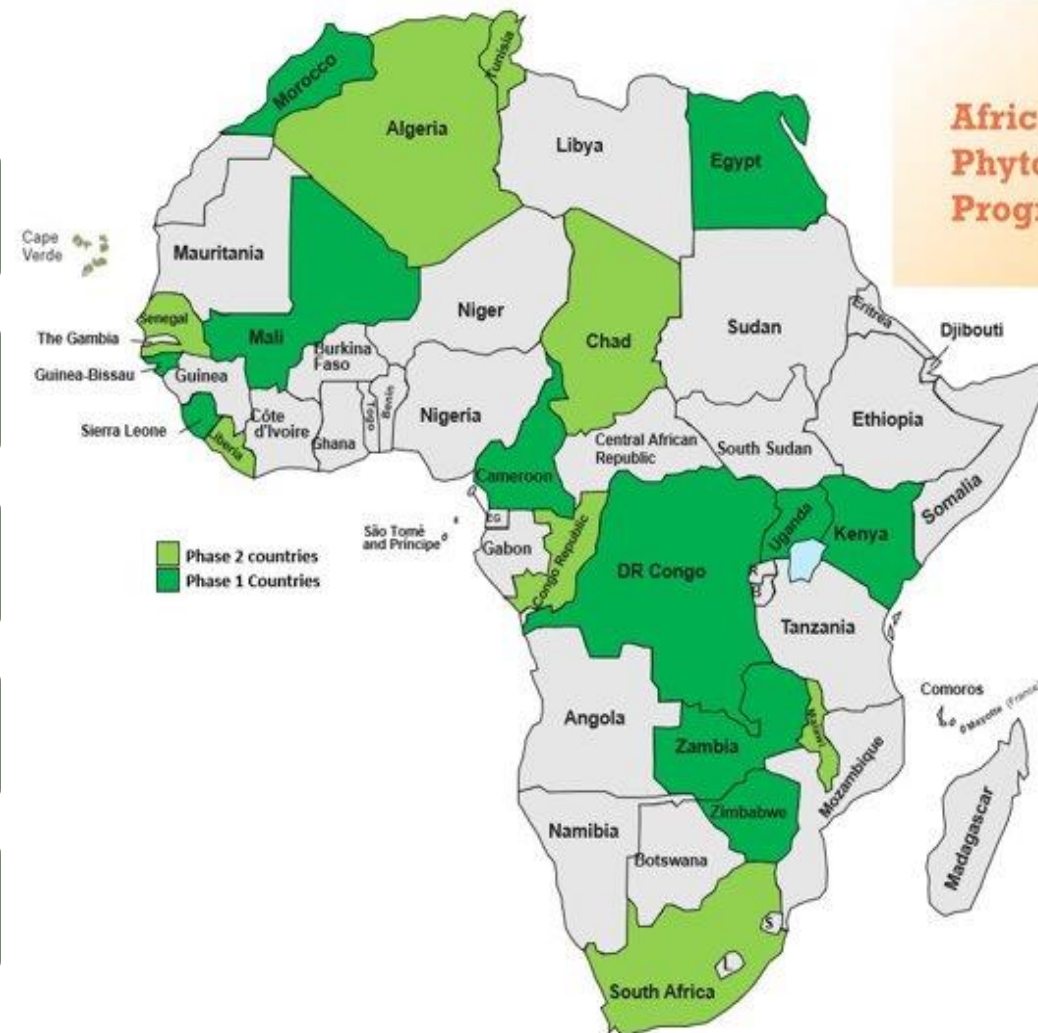
North Africa: Algeria, Egypt, Morocco, and Tunisia.

West Africa: Cabo Verde, Guinea-Bissau, Liberia, Mali, Senegal, Sierra Leone.

Central Africa: Cameroon, Chad, Congo, and DRC.

East Africa: Kenya, Uganda.

Southern Africa: Malawi, South Africa, Zambia, Zimbabwe.





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Call for expression of Interest for Phase 3 – Country Responses

Countries that have submitted letters
of interest (14):

- Botswana
- Burkina Faso
- Central African Republic
- Comoros
- Djibouti
- Eswatini
- Ethiopia
- Gabon
- Gambia
- Mauritania

- Nigeria
- Niger
- Sudan
- Togo



Countries with letters pending
ministerial approval (3):

- Côte d'Ivoire
- Equatorial Guinea
- Sao Tome and Principe





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2025 Implementation Update

Digital systems and technical tools

- **766** active ArcGIS users with **2,597** recorded pest locations
- **Training videos** and digital guidance materials under development
- **Tablet procurement** for Phase Two at delivery stage
- **Field supplies** delivered to 9 Pilot Phase countries;
- 2 more scheduled for 2026

Capacity development and training

- **573+** phytosanitary officers trained
- **2 ToT** and **10** national trainings delivered, plus online sessions
- Tablets deployed in Phase One countries





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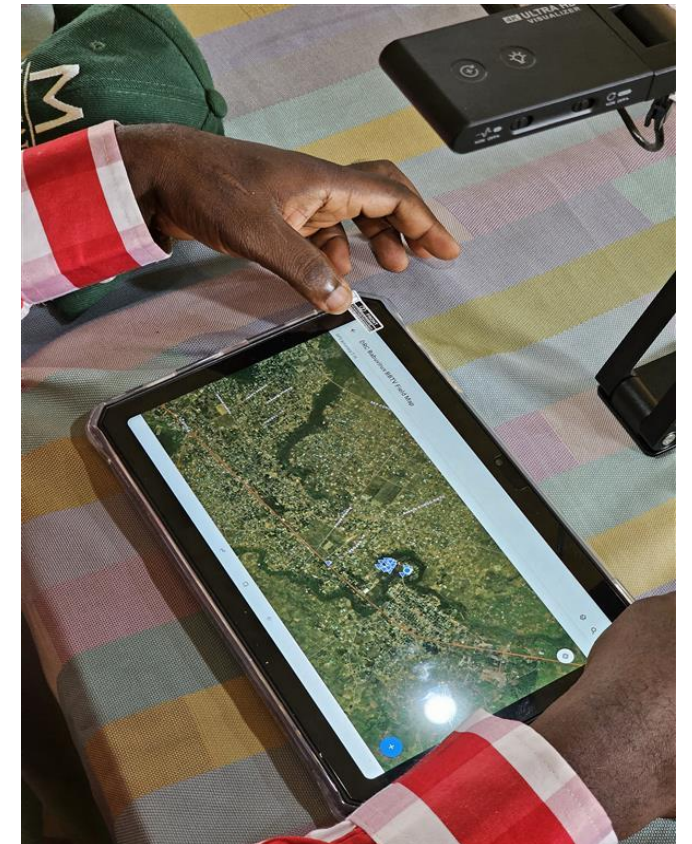
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GIS HUB updates and developments

- **Comprehensive GIS training package**
Standardised training on the GIS Hub, mobile tools, tablet management and foundational map creation skills for participants and shareholders
- **Automated APP Alert System**
Early warning functionality to support rapid response to pest detections
- **Integration of FAO geospatial layers**
Crop cover, temperature and rainfall data embedded to strengthen risk analysis
- **Pest dynamics modelling tools**
Predictive analytics to support evidence-based surveillance and decision-making





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Financial situation and resource implications

Confirmed Funding Sources

United Kingdom



Approximately USD **1.2 million** (2025-2026)

European Commission



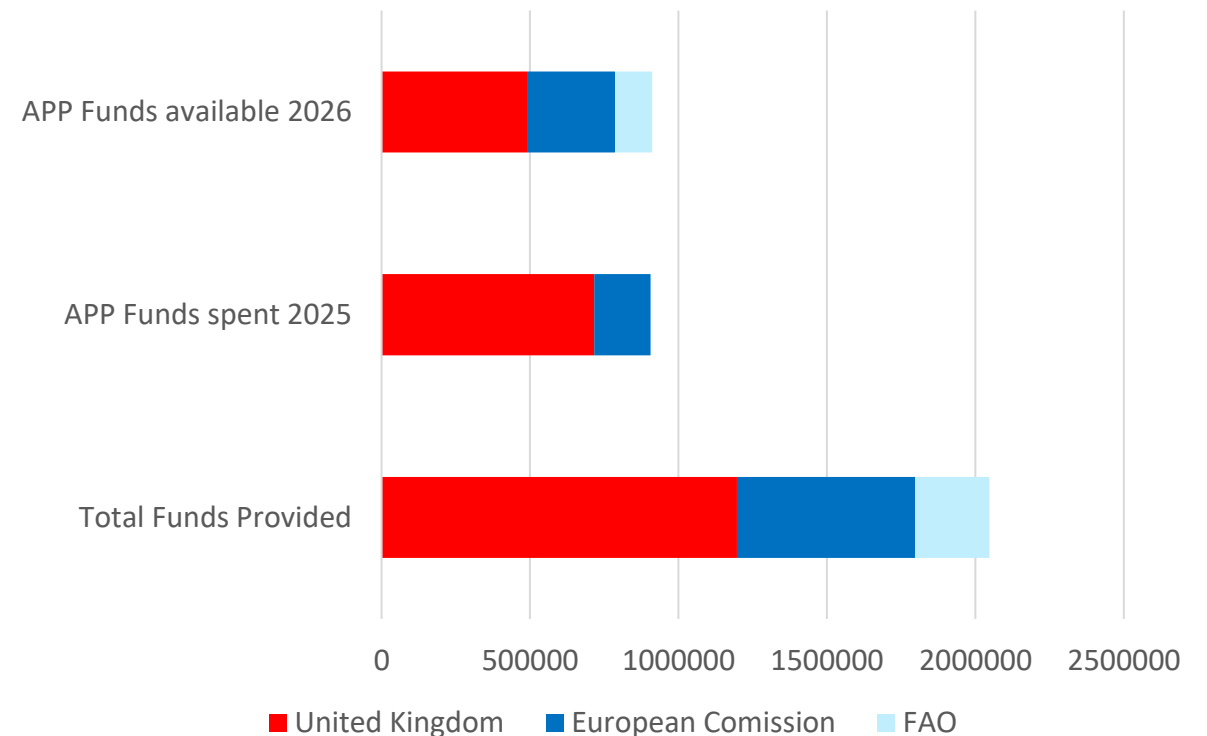
USD **600 000** (2025-2027)

FAO



USD **250 000** under Programme of Work and Budget
(2026–2027)

The estimated available funds for 2026: **USD 796,000**





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Key Observations and Way Forward

Key observations

- APP implementation in 2025 delivered **tangible results** at national level
- Demand from countries and partners **exceeds available resources**
- **Additional funding** required for continued delivery and sustainability

Way forward

- Continue national training and technical support under **approved work plan**
- Advance **resource mobilization**, including through the APP MDTF
- Prepare the next phase of implementation and lay the foundation for a future **Global Phytosanitary Programme**





Operational Success with Strategic Funding Imperative

APP has transitioned from pilot intervention to operational national system in the majority of Phase 1 countries and South Africa. Continued catalytic funding will consolidate gains and ensure sustainability.

83% Operational Uptake

10 out of 12 NPPOs have operationalised APP systems (fully, partially or initiated), confirming broad institutional adoption.

58% National Budget Integration

7 out of 12 of participating countries have already allocated domestic resources to APP activities in 2025, signaling transition from project to government function.

4.4 / 5 – Usefulness of Surveillance Data

NPPOs rate APP-generated information as highly useful for national phytosanitary decision-making, indicating strong operational relevance and practical value of digital systems.

3.8 / 5 – Overall Programme Impact

Countries report strong perceived impact on surveillance quality, coordination and pest monitoring performance.

Technical Barriers Improving Across the Board

Staff capacity improving in **11 of 12** countries

Equipment constraints improving or resolved in **11 of 12**

Budget constraints remain the primary sustainability gap

Conclusion: APP's technical model is validated and functioning.

The remaining **constraint is financial consolidation**, not design or feasibility.



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Thank you

IPPC Secretariat

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