



# Investing in plant health: **better lives for all**



Putting financial and technical resources to protect the world's plants and natural resources makes sense.

- » **It moves us closer to a zero-hunger world.** Healthy plants and agricultural crops provide food, nutrition and livelihoods, especially to food-insecure populations. When we improve global food security, we help alleviate poverty (and its effects) around the world.
- » **It protects precious biodiversity.** Protecting ecosystems from plant pests, preserving the diversity of flora and fauna, and maintaining an ecological balance fosters a healthy environment for plants and crops to thrive in.
- » **It promotes safe international trade.** Curbing the movement of plant pests and diseases across international borders not only ensures smooth import and export transactions but also protects economies and livelihoods from trade disruptions.

## Contributing to the UN 2030 Sustainable Development Goals



The International Plant Protection Convention (IPPC), a multilateral treaty for the protection of plants and natural resources ratified by 185 countries, is focusing on eight development agenda items (DAIs) or key areas of work in plant protection to support food security, environmental protection and safe trade in this decade. The DAIs are anchored in the IPPC Strategic Framework 2020-2030 which sets out the overall structure and priority areas of IPPC's work.



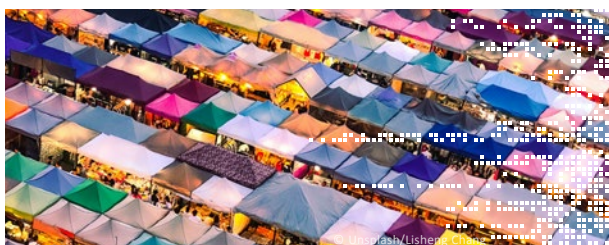
**1. Harmonizing electronic data exchange** – connecting countries to the IPPC ePhyto Solution to replace paper phytosanitary certificates with digital ePhyto certificates. This makes trade safer, faster, more cost-effective and eliminates the risk of fraud, delay, damage or loss associated with paper certificates. By 2030, 193 FAO member countries will be exchanging ePhytos.

Status: Ongoing  
Total budget: USD 9.6 million



**2. Supporting market access through commodity-specific plant health standards** – commodity-specific International Standards for Phytosanitary Measures (ISPMs) will help facilitate market access, simplify and accelerate trade negotiations, create market opportunities and simplify safe trade in plants and plant products.

Status: Ongoing  
Total budget: USD 2.2 million



**3. Managing e-commerce and postal and courier pathways** – an improved system to protect plants and plant products traded through small parcels.

Status: Ongoing  
Total budget: USD 234 000



**4. Developing guidance on the use of third-party entities** – provide options for NPPOs to use third-party entities to conduct phytosanitary actions such as inspection, testing, surveillance, pest diagnosis, treatment and auditing.

Status: Ongoing  
Total budget: USD 605 000



**5. Strengthening Pest Outbreak Alert and Response Systems (POARS)** – a more robust system for countries to communicate emerging pest risks. POARS is envisioned to provide countries with regular information on new pest interceptions and alert them to pest outbreaks and changes in the status of the most important pests.

Status: Ongoing  
Total budget: USD 3.24 million



**6. Assessing and managing climate-change impacts on plant health** – scientific analysis is captured in a published technical resource; phytosanitary issues are given more prominence in the international debate on climate change.

Status: Ongoing  
Total budget: USD 322 000  
Phase 2 (2026–2028) contingent on the CPM review.  
If approved, the provisional annual budget would be USD 161,000.



**7. Establishing global phytosanitary research coordination** – a system to avoid overlap in research activities, advance plant health more quickly and use research resources more efficiently.

**Status:** To commence in 2024

**Total budget:** USD 142 000



**8. Establishing diagnostic laboratory networking** – a lab network that provides reliable and timely diagnoses. It is expected that NPPOs will have almost instant access to reliable plant pest laboratories or plant-health clinics, with a broad range of analytical capacities. This will allow NPPOs to establish technically justified phytosanitary measures, facilitate safe trade and respond to pest outbreaks more quickly.

**Status:** Preliminary work started

**Total budget:** USD 1 478 000

| Agenda Item                                                             | 2023         | 2024                    | 2025                    | 2026                    | 2027                    | 2028   | 2029                  | 2030                  |
|-------------------------------------------------------------------------|--------------|-------------------------|-------------------------|-------------------------|-------------------------|--------|-----------------------|-----------------------|
| 1. Harmonization of electronic data exchange                            | Delivery     |                         | Review                  | Ongoing core activity   |                         |        |                       |                       |
| 2. Commodity-specific ISPMs                                             | Delivery     |                         |                         |                         |                         | Review | Ongoing core activity |                       |
| 3. Management of e-commerce and postal and courier pathways             | Delivery     | Complete & Review       | Scope & Plan            | CPM Go or Stop decision |                         |        |                       |                       |
| 4. Developing guidance on the use of third-party entities               | Delivery     |                         | Scope & Plan            | CPM Go or Stop decision | Delivery                |        |                       | Review                |
| 5. Strengthening Pest Outbreak Alert and Response Systems               | Scope & Plan | CPM Go or Stop decision | Delivery                |                         |                         |        | Review                | Ongoing core activity |
| 6. Assessment and management of climate change on plant health delivery | Delivery     |                         | Complete & Review       | Scope & Plan            | CPM Go or Stop decision |        |                       |                       |
| 7. Global phytosanitary research coordination                           | Not started  |                         | Scope & Plan            | CPM Go or Stop decision |                         |        |                       |                       |
| 8. Diagnostic laboratory networking                                     | Not started  | Scope & Plan            | CPM Go or Stop decision | Delivery                |                         |        |                       |                       |

**Table 1.** Phased implementation plan.

Source: Author's own elaboration

| Budget summary                                                 | 2023<br>(USD'000) | 2024<br>(USD'000) | 2025<br>(USD'000) | 2026<br>(USD'000) | 2027<br>(USD'000) | 2028<br>(USD'000) | 2029<br>(USD'000) | 2030<br>(USD'000) | Total         |
|----------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| 1. Harmonisation of electronic data                            | 971               | 1 147             | 1 163             | 1 263             | 1 263             | 1 263             | 1 263             | 1 263             | 9 596         |
| 2. Commodity and pathway specific ISPMs                        | 254               | 254               | 324               | 254               | 324               | 309               | 239               | 239               | 2 197         |
| 3. Management of e-commerce and courier pathways               | 112               | 122               | -                 | -                 | -                 | -                 | -                 | -                 | 234           |
| 4. Developing guidance on the use of third-party entities      | -                 | -                 | 50                | 81                | 91                | 121               | 111               | 151               | 605           |
| 5. Strengthening Pest Outbreak Alert and Response Systems      | 265               | 425               | 425               | 425               | 425               | 425               | 425               | 425               | 3 240         |
| 6. Assessment and management of climate change on plant health | 161               | 161               | -                 | -                 | -                 | -                 | -                 | -                 | 322           |
| 7. Global phytosanitary research coordination                  | -                 | -                 | 47                | 96                | -                 | -                 | -                 | -                 | 143           |
| 8. Diagnostic laboratory networking                            | 54                | 54                | 125               | 165               | 285               | 245               | 265               | 285               | 1 478         |
| <b>Total</b>                                                   | <b>1 817</b>      | <b>2 163</b>      | <b>2 134</b>      | <b>2 284</b>      | <b>2 388</b>      | <b>2 363</b>      | <b>2 303</b>      | <b>2 363</b>      | <b>17 975</b> |
| <b>Total excluding electronic exchange</b>                     | <b>846</b>        | <b>1 016</b>      | <b>1 121</b>      | <b>1 021</b>      | <b>1 125</b>      | <b>1 100</b>      | <b>1 040</b>      | <b>1 100</b>      | <b>8 379</b>  |

**Table 2.** Summary of proposed implementation budget.

Source: Author's own elaboration



## Funding mechanism

Contact us to find out how you can contribute financially or in kind by sending an email to [ippc-dai@fao.org](mailto:ippc-dai@fao.org) and [ippc@fao.org](mailto:ippc@fao.org).

**Invest in the IPPC development agenda items today  
and help make a better world for all.**

## CONTACT US

International Plant Protection Convention Secretariat

[ippc@fao.org](mailto:ippc@fao.org) | [www.ippc.int](http://www.ippc.int)

Food and Agriculture Organization of the United Nations

Rome, Italy



Some rights reserved. This work is available under a CC BY-NC-SA 3.0 IGO licence.