37th **Technical Consultations among Regional Plant Protection Organizations (TC-RPPO)**

23–26 September 2025, Bangkok, Thailand

Food and Agriculture Organization of the United Nations

International Plant Protection Convention
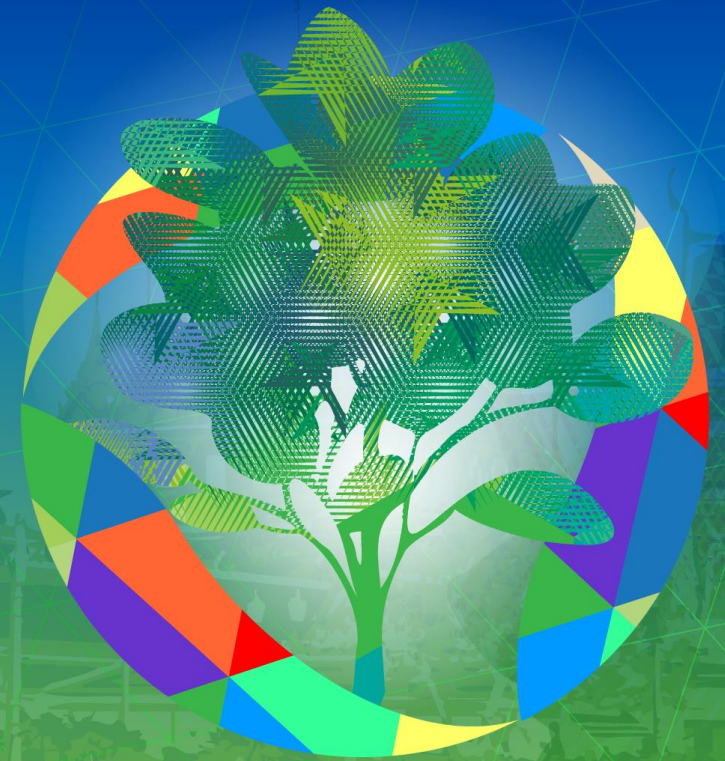
Updates on the IPPC ePhyto Solution

Implementation & Rodmap

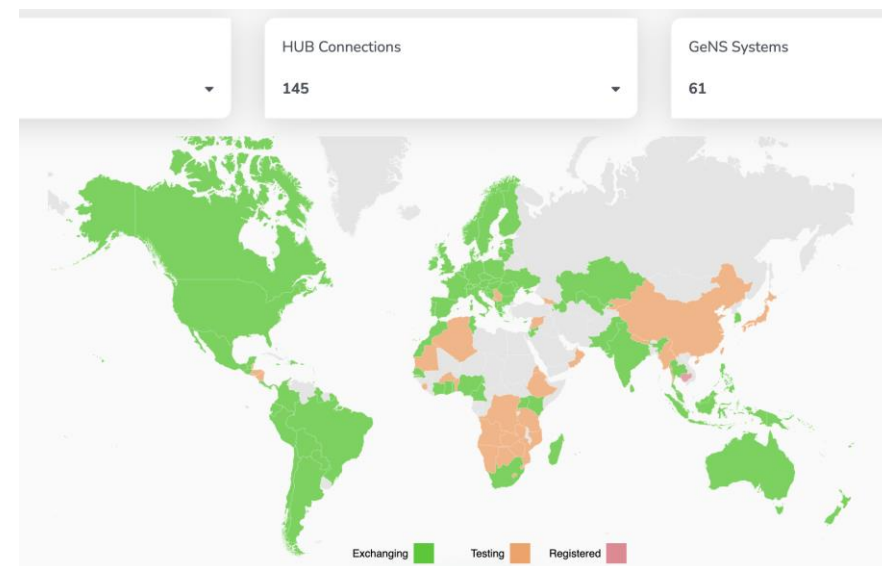# ePhyto Solution, a success that continues to grow

The IPPC ePhyto Solution is constantly growing, with 97 countries exchanging live as of July 2025

Joining the ePhyto Solution could be immediately switch to paperless with many countries (97 as of today)
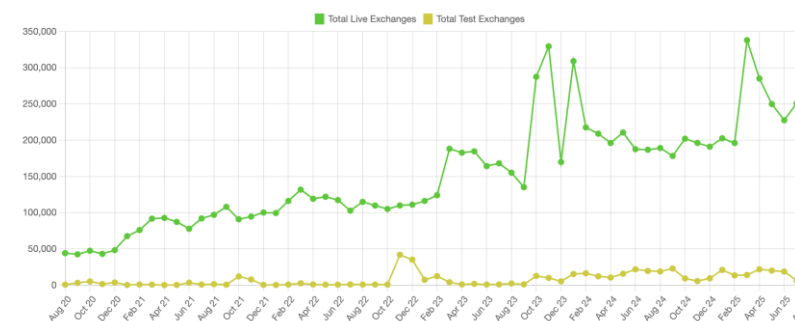
The HUB processes around 250k exchanges monthly

The GeNS supports issuing 25k electronic certificates monthly, 8228 users for 375 offices

A constant increase of in adoption and exchanges is recorded.

https://www.ephytoexchange.org/landing/index.html

https://www.ephytoexchange.org/landing/hub/index.html#infographics

ePhyto Solution, delivering savings

- Several studies have already been conducted to quantify the benefits of digitalizing phytosanitary certifications:
  - Per shipment savings from ~3.7 to 83.5 USD (depending on the commodity, importing country, etc.)
  - Savings in the range of millions per Year (depending on the trade volumes)
  - As more countries adopt the system, the potential for cost savings increases because more trade flows benefit from the lower trade costs

Cost of obtaining the certificate	Savings: Transport and communication costs for the certificate
Costs associated with delays or reissues of certificates	Savings: Reissue costs and/or storage, demurrage and power costs while the shipment waits
Administration printing costs	Savings: Printing certificate forms
Setup costs for ePhyto	Very low with the GeNS or with an existing system that would just need to connect to the HUB
Operational costs	Very low with the GeNS, personnel in the country to implement and support
Greenhouse gas emissions associated to reissues of PCs	Savings

ePhyto Solution, Product Management

- Implement running costs monitoring to keep the utilized technical resources effective and within budget.

- Improve the implementation process (see next slide)

- Prioritize enhancements to continue to improve the solution and bring additional value to connected countries by improving harmonization, interoperability, reporting, and collaboration (see solution roadmap slide).

- Explore and lead collaboration and harmonization initiatives across organizations (ie WTO, WCO, WHOA) and trade documents (Sanitary and Health Certificates)

Implementation road map

The support model is shifting from reactive to proactive, with initial controls in place to optimize consumption and capacity. **Further improvements will enhance technical monitoring and strengthen roll-out and country support.**

Implementation Package

The **Implementation Package standardizes onboarding to the IPPC ePhyto Solution**, offering flexible options and a structured assessment to guide country-specific implementation.

Implementation Monitoring

A regular process will be established to identify issues in ePhyto adoption, implementation, and exchange quality. This will generate consistent data to inform decision-making within the ESG, Bureau, and IPPC Secretariat.

ePhyto Solution Enhancements Roadmap

ePhyto is currently managing a significant backlog of functional and technical updates, which are essential to ensure system stability, security, and cost efficiency. **Below is a summary of the key planned changes.**

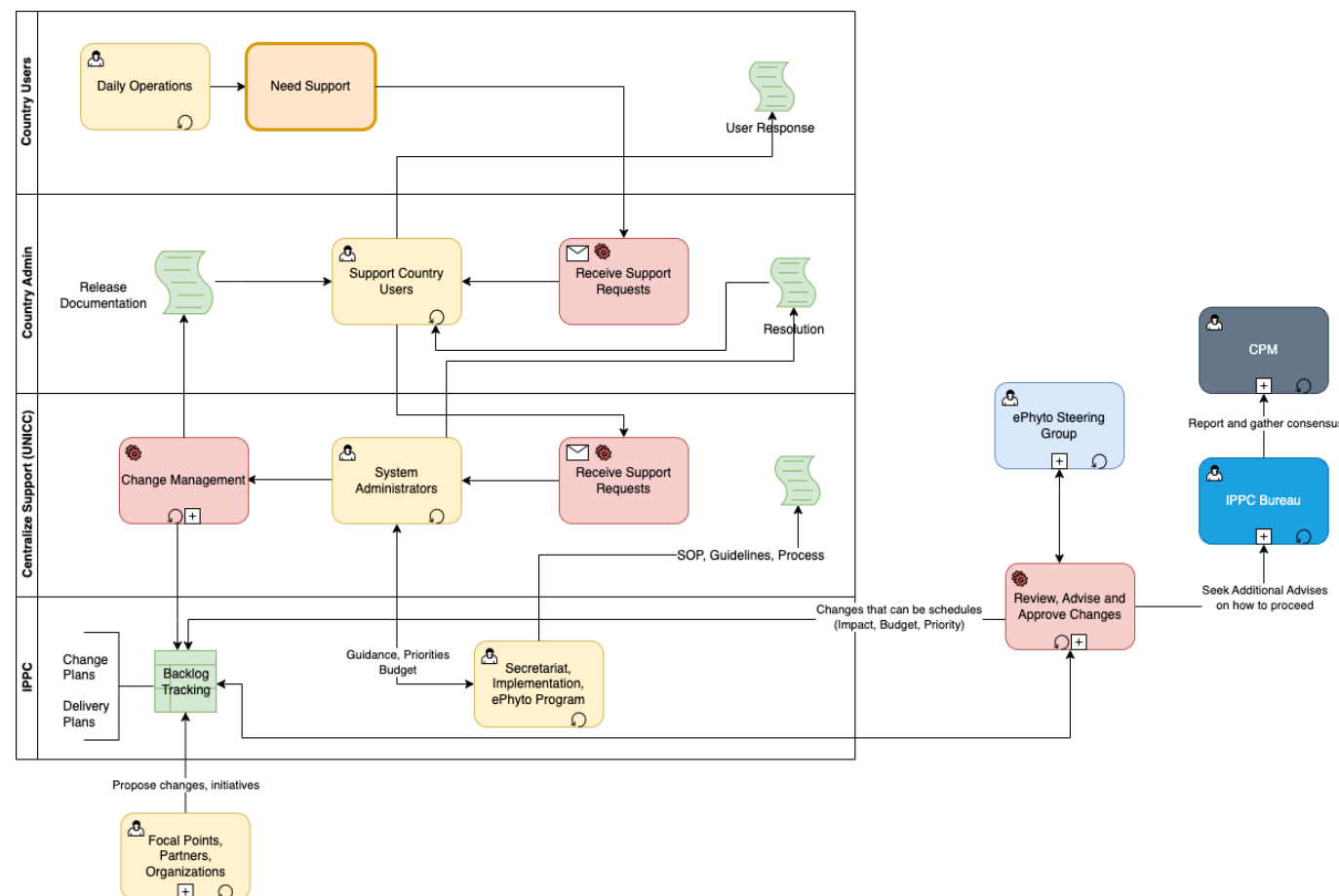|	
inclusion of mixed commodity	**Support the structured inclusion of mixed commodity definitions in ePhyto** to address current digitalization gaps. Enable harmonized import requirements and additional declarations per commodity
Implementing Non-Compliance Alerts	**Enhance and implement the non-compliance notification** using the implemented country response/SPSAcknowledge
Improve learning tools	**Improve and revamp the learning tools,** with improved and multi-language content, using the IPPC plant health campus
Reuse and Interoperability	**Reuse and Interoperability: expand HUB use to other certificates** and improve system interconnections to boost efficiency and sustainability through shared resources

ePhyto Solution, the goverance model

- Day to day operations are monitored and supported by countries

- Technical issues are reported to UNICC (Technical Provider) analyzed, and proposed for review to the IPPC Product Manager

- The ePhyto Steering Group (ESG) reviews and approves changes, considering impact, costs and all change managements indicators

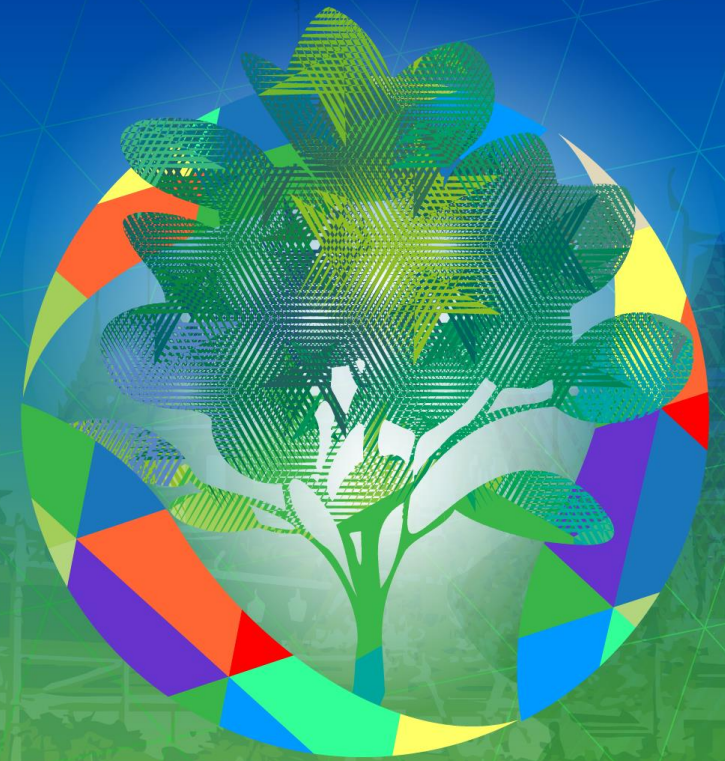- Changes may require the IPPC CPM Bureau and CPM review and approval

Thank you