



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention

**2024
IPPC
REGIONAL
WORKSHOP**

The IPPC ePhyto Solution

Agenda Item 7.1 - Overview and updates of the IPPC ePhyto Solution



Improving Safe Trade in Plants and Plant Products



What is an ePhyto?

- **ePhyto** = electronic phytosanitary certificate
- ISPM 12 (1.2):
 - Phytosanitary certificates can be in paper form, or where it is accepted by the NPPO of the importing country, in electronic form.
 - Electronic phytosanitary certificates are the electronic equivalent of the wording and data of phytosanitary certificates in paper form ...



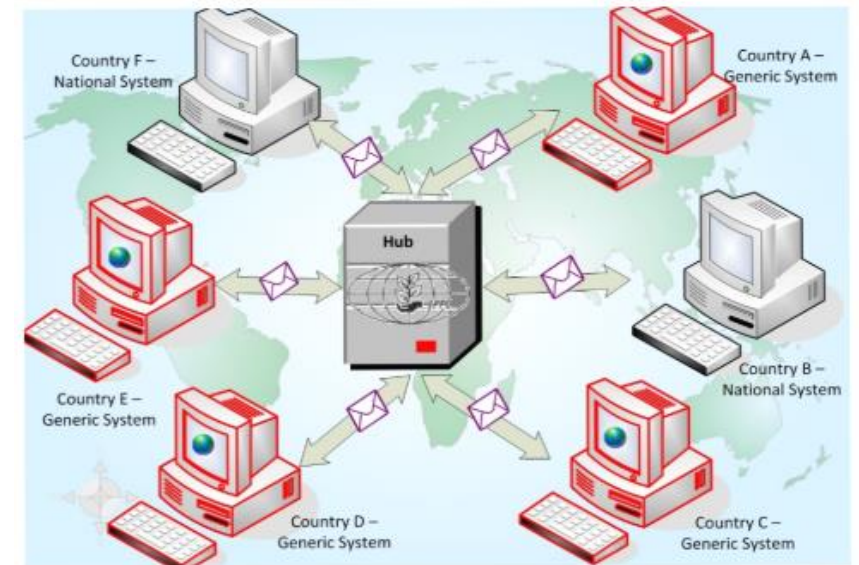
- Not a scanned certificate





What is the IPPC ePhyto Solution?

- **Hub:** no need for costly bilateral IT agreements and thus send and receive ePhytos from any other country also connected
 - **GeNS:** no countries excluded of the digital exchange
 - **Harmonization** of electronic phytosanitary certificates
- The IPPC ePhyto Solution makes trade safer, faster and cheaper





Why ePhyto?



















Paper

versus

ePhyto

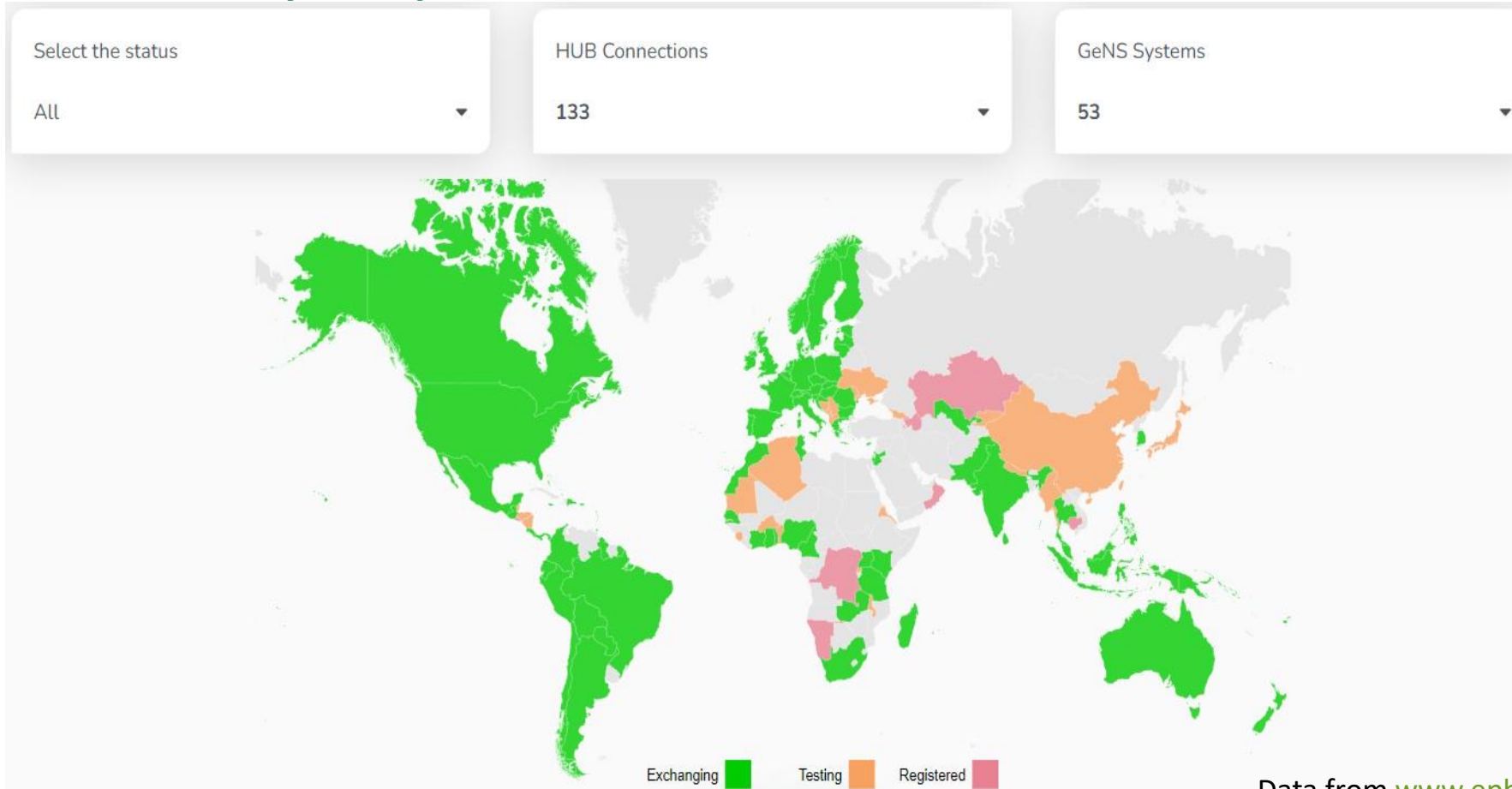


-  Signature, stamp can be falsified
-  Damaged
-  Lost
-  Handled by numerous parties
-  Costly re-issuance
-  Deterioration of commodities waiting for clearance
-  Problem of "original certificate" and copies
-  More problems with non-compliant documents than actual plant health issues

-  Very difficult to falsify
-  No deterioration
-  Bring with you as many as you want, accessible everywhere
-  Easy to circulate
-  Easy re-issuance
-  Faster clearance
-  No problem of obtaining "officially certified copies"
-  Less non-compliant documents thanks to harmonization



Status of ePhyto implementation worldwide



133 countries on board

Exchanging: 90 (29 GeNS)

Testing: 34 (19 GeNS)

Registered: 9 (5 GeNS)

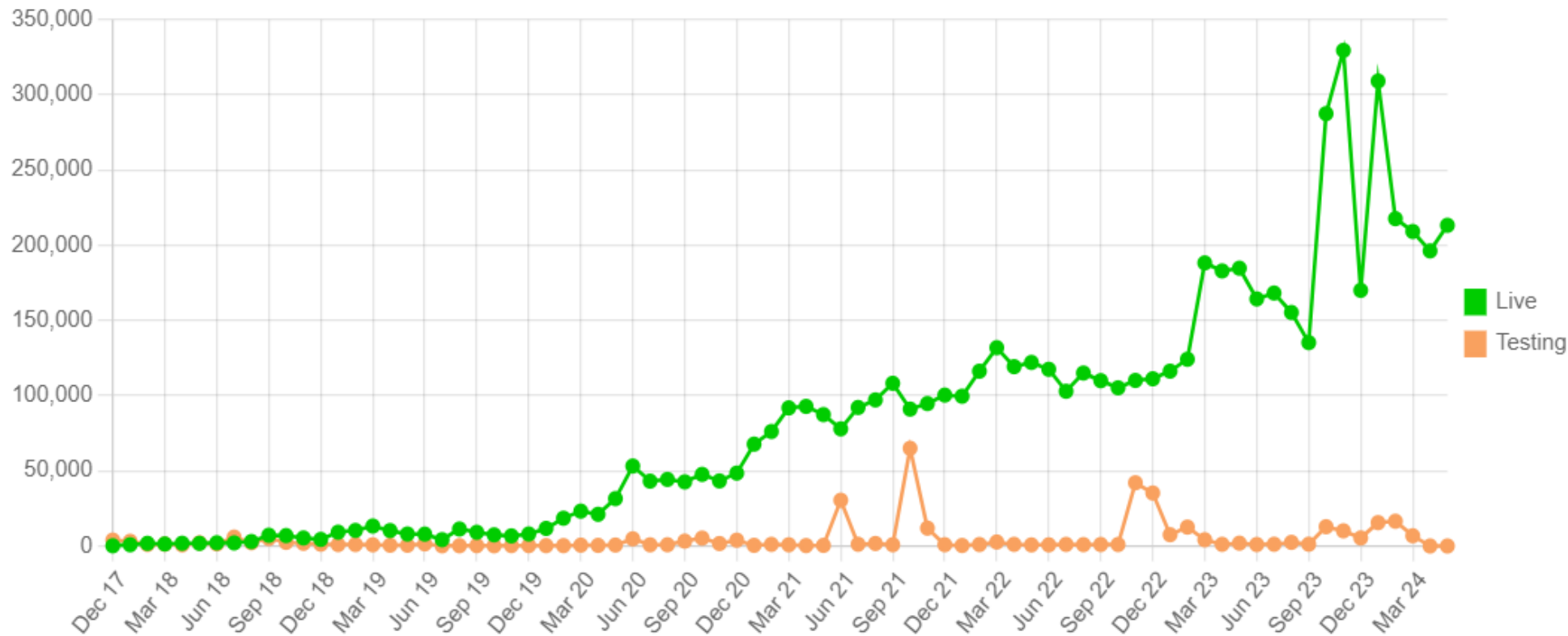
TOTAL: 133 (53 GeNS)

Data from www.ephytoexchange.org as per 31 May 2024



Number of ePhytos exchanged

Summary of the certificates successfully exchanged through the HUB



Total Live Exchanges:
6,361,221

Total Test Exchanges:
364,587

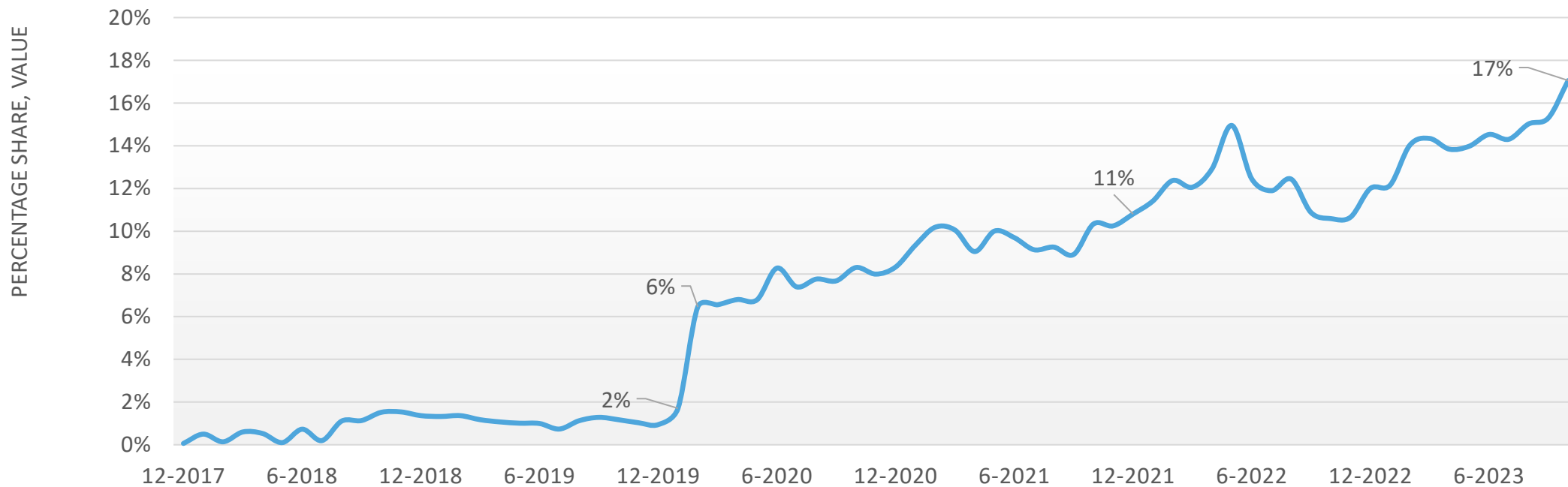
Data from www.ephytoexchange.org as per 31 May 2024



ePhyto and global trade

Steady increase of plants and plant products exports accompanied by ePhytos

Figure 1: Share of plants and plant products exports of ePhyto exporters in total plants and plant products exports, %



Source: FAO's CFI & EST



CPM-18 outcomes: ePhyto Strategic Implementation Plan 2024-2030 approved

Core elements of the ePhyto Strategic Implementation Plan 2024-2030

- Governance
- Finance
- Operations
- Country implementation
- International cooperation
- Communication



CPM-18 outcomes: ePhyto funding model approved as a transitional pilot

- Some CPs were ready to contribute *versus* CPs needed more time or wanted modifications
- CPM Bureau will govern the funding model until alternative governance mechanism is agreed by CPM
- Non-mandatory contributions
- Funding model implemented as a transitional pilot, starting 2025, and reviewed after 2 years (2027)
- Term of Focus Group extended until CPM-19 (2025) to explore on modifications and adjustments
- CPs to provide any additional suggestions to the Secretariat for consideration by the Focus Group
- CPs wanting FAO funding to promote this through their permanent representatives



Summary of the ePhyto funding model

- Initial total annual funding set at USD 1,263,000
- Funding from FAO and other donors can reduce total amount to be funded
- Base fee: 66% of annual funding
- Usage fee: 33% of annual funding

			DEVELOPMENT STATUS			
			LOW/LDC	LOWER-MID	UPPER-MID	HIGH
USAGE	LOW < 5000	Base Fee	\$ -	\$ -	\$ 8,000	\$ 16,000
		Usage Fee	\$ -	\$ -	\$ -	\$ -
		Total	\$ -	\$ -	\$ 8,000	\$ 16,000
	MEDIUM 5,000 - 49,999	Base Fee	\$ -	\$ 4,000	\$ 8,000	\$ 16,000
		Usage Fee	\$ 6,900	\$ 6,900	\$ 6,900	\$ 6,900
		Total	\$ 6,900	\$ 10,900	\$ 14,900	\$ 22,900
	HIGH 50,000 - 149,999	Base Fee	\$ -	\$ 4,000	\$ 8,000	\$ 16,000
		Usage Fee	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800
		Total	\$ 13,800	\$ 17,800	\$ 21,800	\$ 29,800
	VERY HIGH 150,000+	Base Fee	\$ -	\$ 4,000	\$ 8,000	\$ 16,000
		Usage Fee	\$ 27,600	\$ 27,600	\$ 27,600	\$ 27,600
		Total	\$ 27,600	\$ 31,600	\$ 35,600	\$ 43,600

More details: paper [CPM 2024/15 Rev1](#)



Current and future developments

- Maintenance and enhancements of the Hub & GeNS
 - Channel enhancements: linkage to other government / non-government systems
 - eSeal for consignments sent to the EU
 - eBilling with the GeNS operational
 - GeNS available in Arabic, English, French, **Russian and Spanish!**
- ePhyto cost-benefit analysis along with ePhyto impact study on global trade
- Seeking long-term funding: funding model endorsed at CPM-18 as a transitional pilot
- NPPO workshops with IPPC/ePhyto Industry Advisory Group (IAG)
- Ongoing projects with the Global Alliance and World Bank for country support
- ePhyto initiative for Africa



Partnership/Collaboration

- Regional Plant Protection Organizations and regional programme
- Global Alliance for Trade Facilitation of the World Economic Forum
- The Standards and Trade Development Facility
- The World Bank and International Finance Corporation
- World Customs Organization
- ePhyto Industry Advisory Group (IAG)





ePhyto website

www.ephytoexchange.org

How to join, technical documentation, case studies and other information!

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Thank you

IPPC Secretariat

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