



Use of the IPPC ePhyto solution in ACP countries

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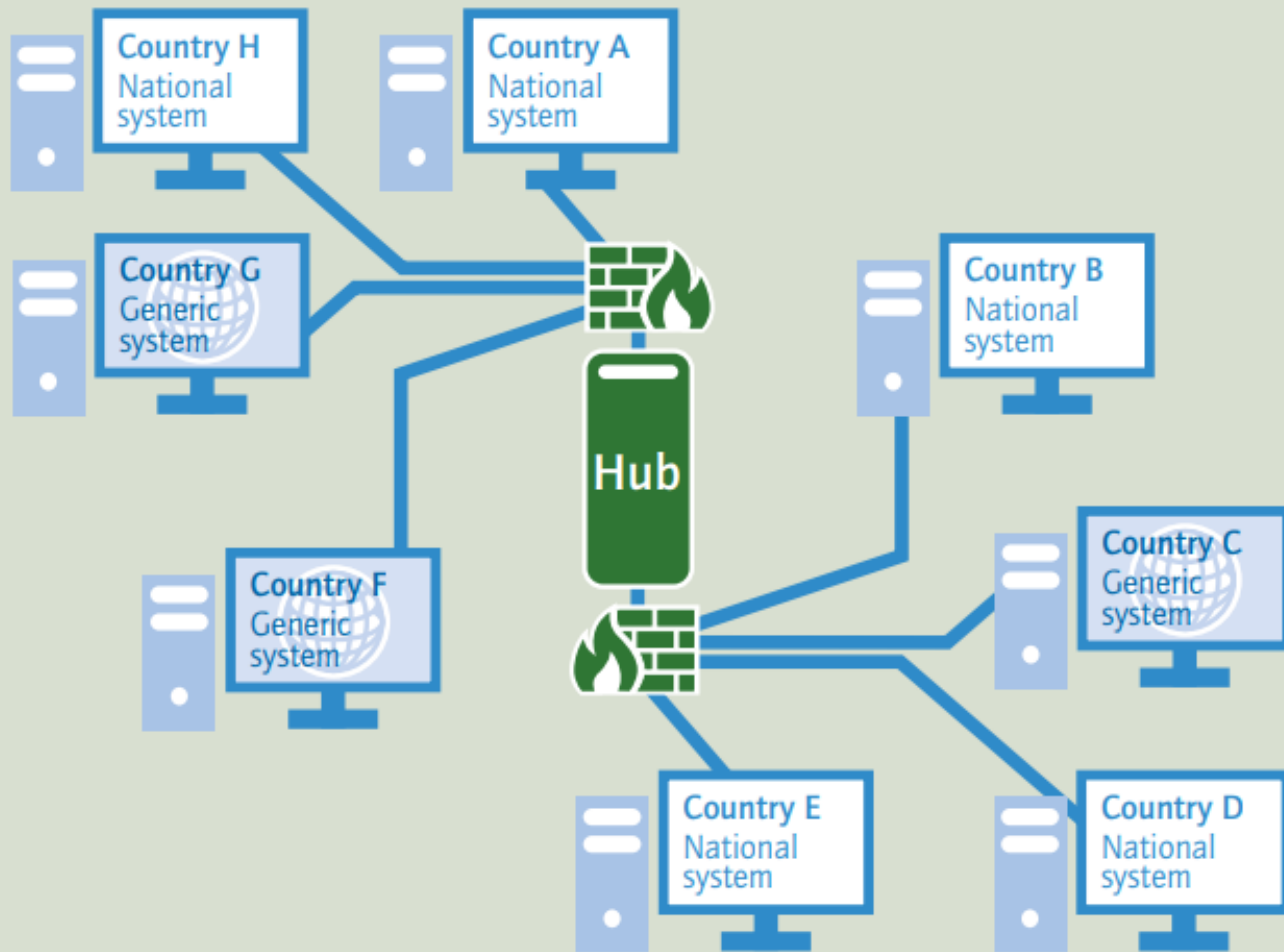
**COLEACP SPS meeting
28 June 2021**

Background



- **ePhyto** is short for “electronic phytosanitary certificate”.
 - An ePhyto is the electronic equivalent of a phytosanitary certificate in XML format.
 - All the information contained in a paper phytosanitary certificate is also in the ePhyto.
 - ePhytos are produced in accordance with ISPM 12 including Appendix 1.
- The IPPC ePhyto Solution consists of three main elements:
 - **A central server (Hub):** to facilitate the transfer of electronic phytosanitary certificates between NPPOs, either from and to their own national electronic system or by using a generic system.
 - **A Generic ePhyto National System (GeNS):** a web-based system to allow countries that do not have a national electronic system to produce, send and receive ePhytos.
 - **Harmonization:** the structure and transmission of ePhytos follow a harmonized format through the use of standardized mapping, codes and lists.
- The Solution allows countries to electronically exchange ePhytos with each other at no purchase cost.
- Countries can join the system for free once they meet the necessary requirements.

Main characteristics

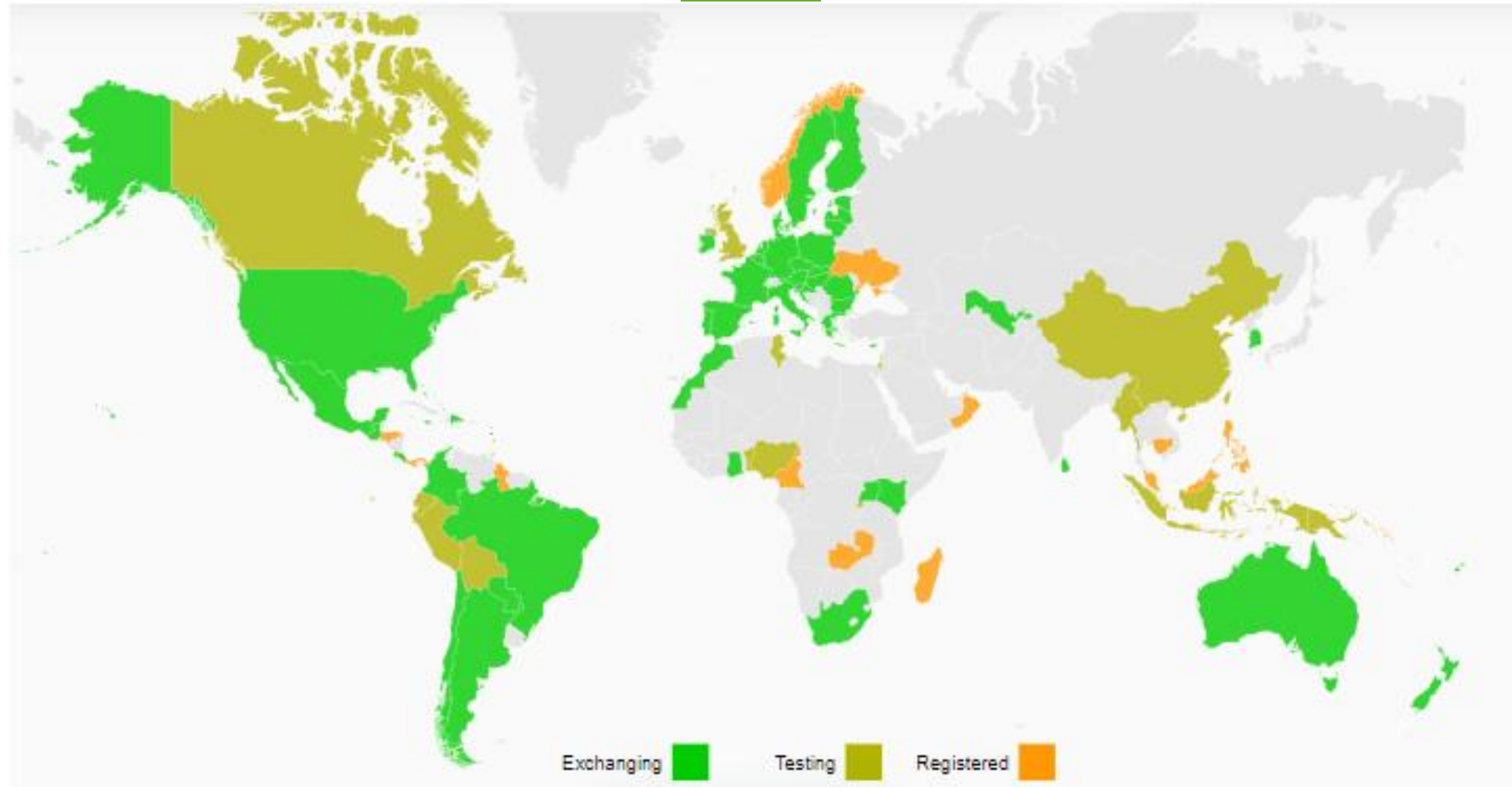


- The risk of loss, damage or fraud to the certificate is greatly reduced, as is the administrative burden on both border agencies and business.
- Discussed for many years, began in earnest in 2015 with Standard Trade and Development Facility (STDF) grant award for US\$1 million.
- First ephytos exchanged in Dec. 2017 and fully operational and in service as of July 2019 (Hub and GeNS)
- System initially set up to exchange electronic phytosanitary certificates, but any certificate (animal health, food safety, etc.), once coded in XML, can be exchanged.

Country participation – Hub and GeNS - May 2021



European
Commission



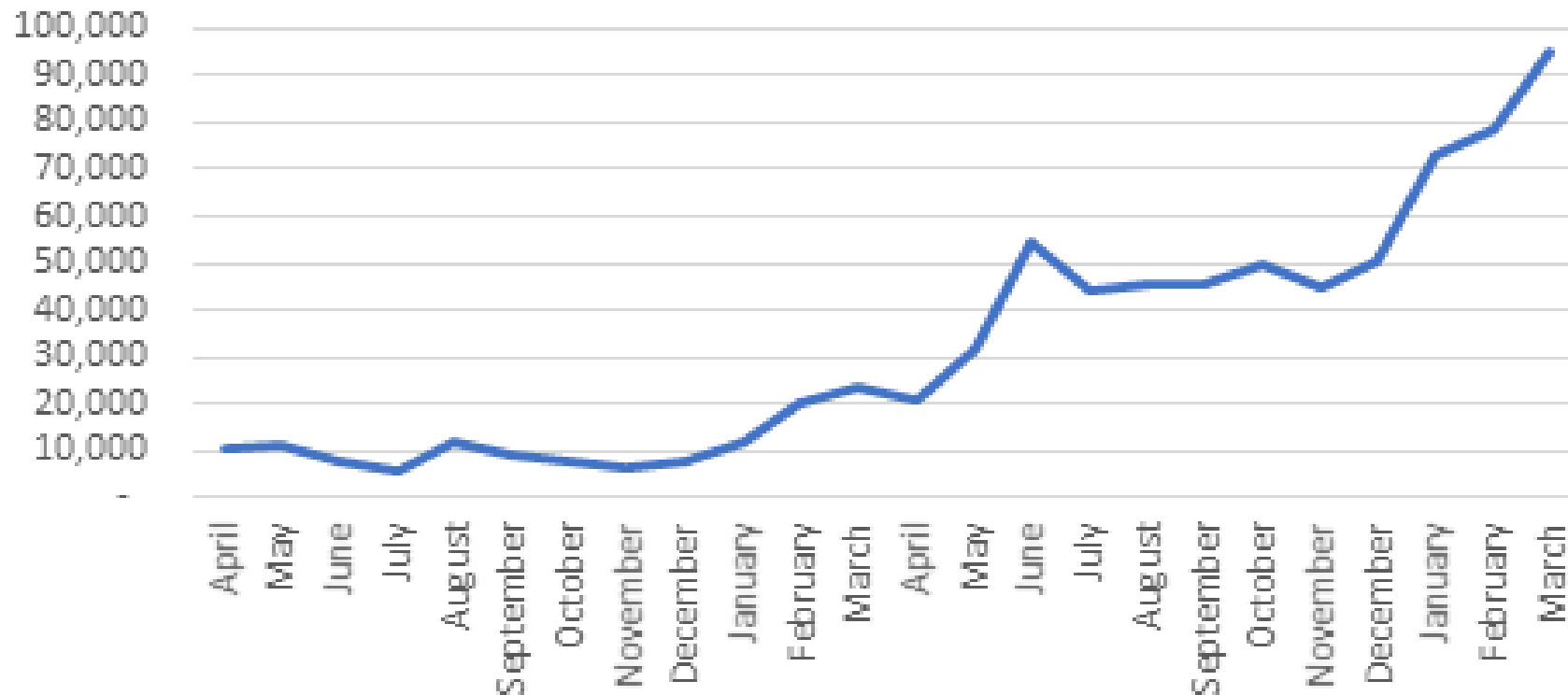
Food Safety

HUB usage statistics

- 1 091 497 certificates exchanged since Dec. 2017
- May 2021
 - 94 countries registered in the world, 53 in production, 37 in test
 - 32 GeNS implemented (of which 9 in production)
 - 90414 certificates exchanged (25000 with the EU TRACES system)
 - 10869 certificates issued in April/May 2021 from GeNS

Trends and capacity

Production ePhytos exchanged through the Hub
April 2019 to March 2021



The system is currently handling approximately 95,000 certificates per month, with the capacity to handle (in the current configuration) up to 100,000 certificates per day.

ACP countries' participation



Registered

Cameroon
Guyana
Antigua and Barbuda (GeNS)
Cook Islands (GeNS)
Saint Vincent and the Grenadines (GeNS)
Sao Tomé and Príncipe (GeNS)
Solomon Islands
Zambia (GeNS)

In test

Benin
Bahamas (GeNS)
Dominican Republic (GeNS)
Grenada (GeNS)
Madagascar (GeNS)
Marshall Islands (GeNS)
Nigeria (GeNS)
Papua New Guinea (GeNS)
Rwanda (GeNS)
Saint Kitts and Nevis (GeNS)
Saint Lucia (GeNS)
Trinidad and Tobago (GeNS)

In production

Kenya
South Africa
Dominica (GeNS)
Fiji (GeNS)
Ghana (GeNS)
Jamaica (GeNS)
Samoa (GeNS)
Uganda (GeNS)

Channel delegation

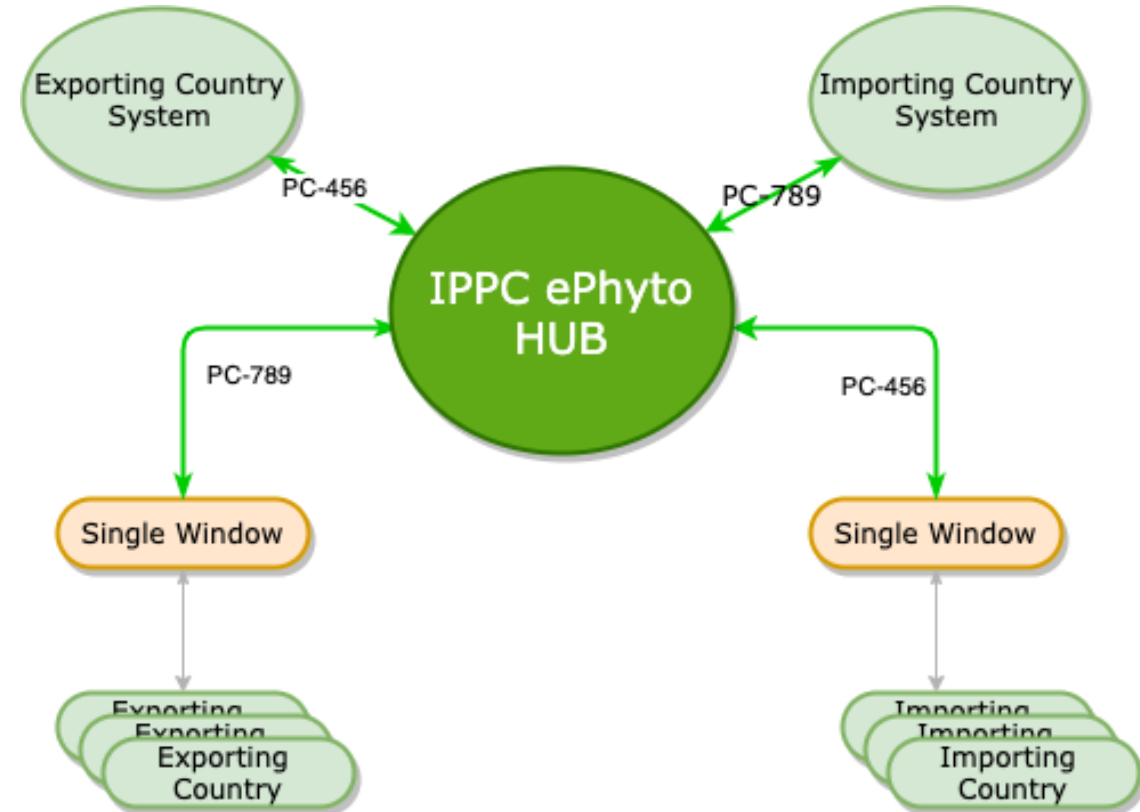


Single Window systems can now connect to the HUB to send/receive ePhytos on behalf of countries they manage.



The EU Traces system is using this feature.

- Countries can send ePhytos to any EU member through the HUB, and the message will be pulled by the Traces system and delivered to the intended country.
- Any EU member can send ePhytos to countries from or through the Traces system and the message will be pushed by the Traces system through the HUB and delivered to the intended country



TRACES and ePhyto



ePhytos to the EU

- Since 12 May 2020: ePhytos addressed to EU Member States – except NL - from 13 non-EU countries connected to the IPPC Hub:
 - About 25000 per month
 - Morocco 10300, **Kenya 3800**, USA 2800*, Chile 2900, Costa Rica 2100, Argentina 1100*, **Uganda 900**, New Zealand 540*, Mexico 464, **Samoa 13**, **Fiji 15**, **Jamaica 44**, Sri Lanka 7
- Contact taken so far with certain ACP countries: South Africa, Ghana, Zambia
- XI (Northern Ireland) configured with a delegation channel to TRACES on 20 May 2021
- Contact taken with Switzerland in October 2020 to propose the delegation channel to TRACES

ePhytos from the EU

- TRACES ability to send ephytos through the Hub:
 - France to USA, Argentina and Chile (in electronic format)
 - Malta to Lybia, UK, Australia, UAE, **Côte d'Ivoire** (in paper format)

Useful links



















- <https://www.ippc.int/en/ephyto/>
- <https://www.ephytoexchange.org/landing/>
- <https://www.youtube.com/watch?v=gjDz7aOv-Ys>

- case stories:

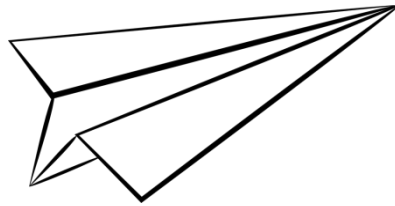
<https://www.ephytoexchange.org/landing/caseStories.html>

The IPPC Secretariat is putting together a Compendium of Case Stories on the experience of countries that have successfully implemented the IPPC ePhyto Solution, either through their own National System or the Generic ePhyto National System (GeNS).

All Case Stories

	Argentina	 View.pdf
	Fiji	 View.pdf
	Jamaica	 View.pdf
	New Zealand	 View.pdf
	Uganda	 View.pdf
	USA	 View.pdf
	Republic of Korea	 View.pdf
	Uzbekistan	 View.pdf

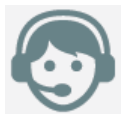
Thank you!



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<https://webgate.ec.europa.eu/tracesnt/ecas-login>

https://ec.europa.eu/food/animals/traces_en



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