The ePhytos Solution



An overview of the project and its progress 27 June 2018

IPPC Secretariat 2018 IPPC Regional Workshop







ePhyto in brief

- Project to facilitate the exchange of electronic phytosanitary certificates
- The only project of its kind among the three SPS "sisters"
- Initial funding from the STDF, Contracting Parties and the World Bank
- Project is focused on technology and knowledge tools to support country implementation





What is an ePhyto?

- ePhyto is short for "electronic phytosanitary certificate".
- ePhyto is the electronic <u>equivalent</u> of a paper phytosanitary certificate (ISPM 12)





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What is the ePhyto Solution?

Hub

System to facilitate exchange of ePhytos between NPPOs GenericePhytoNational System

GeNS

Centralized web-based system to allow countries without their own systems to produce, send and receive ePhytos in the XML Standardized message

Uniform format, structure and accompanying codes and lists where applicable



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Hub Pilot

- Commenced in October 2017
- Successfully completed in March 2018

Hub pilot countries:

- Argentina
- Australia
- Chile
- China
- Ecuador

- Kenya
- Korea
- Netherlands
- New Zealand
- USA





Hub pilot outcomes and next steps

- Technical success
 - 11,000 certificates exchanged through the testing environment
 - 7000 certificates exchanged through the production environment
- Challenges
 - Some normal technical issues
 - Harmonization with ePhyto schema takes time/collaboration
- Several countries exchanging in production environment. Others testing, and working to implement production exchange.
- June 14th 2018 IPPC announced that the Hub is open for use





Hub-OngoingActivitites





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GeNS

- Generic ePhyto National system
- Web-based system to support without their own national system
- System specifications developed based on generic workflow







GeNS Next Steps

- System development to be completed by September/October 2018
- Pilot countries working with ESG members/ Secretariat
 - Business reengineering to implement automation within business workflow
 - Legal analysis
 - Infrastructure improvements, etc.
- Pilot expected to commence November/December 2018



• Pilot countries



• Ghana

Samoa



• Sri Lanka





Coming Soon Workshops

• Latin America Workshop: Buenos Aires Argentina-September 11-13 2018

 Near East/Africa Workshop: Dubai, UAE- November 2018 (exact dates still tbc)



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 For further information on ePhyto go to : <u>https://www.ippc.int/en/ephyto/</u>

Or contact Shane Sela (<u>shane.sela@fao.org</u>)





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