The ePhytos Solution



An overview of the project and its progress 27 June 2018

IPPC Secretariat 2018 IPPC Regional Workshop





ePhyto in Ibrief

- 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 equivalent 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

GeNS

GenericePhytoNational System

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

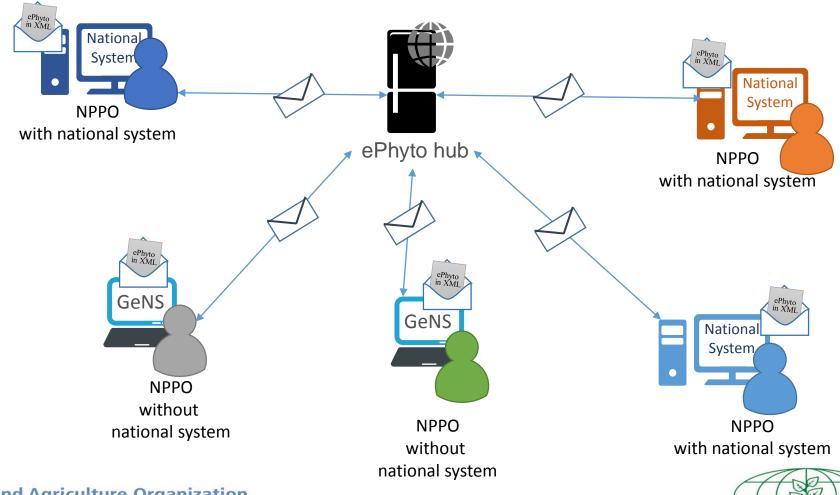
Standardized message

Uniform format, structure and accompanying codes and lists where applicable





The ePhytos Solution







Hub Pilot

- Commenced in October 2017
- Successfully completed in March 2018

Hub pilot countries:

Argentina

Kenya

Australia

Korea

• Chile

Netherlands

China

New Zealand

• Ecuador

USA





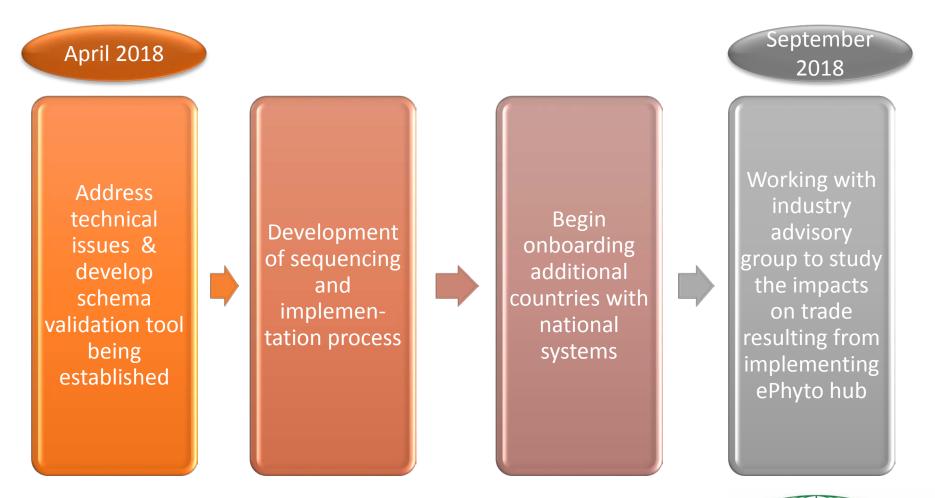
Hub pilot outcomes and next steps

- 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







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

Samoa



• Ghana



• Sri Lanka







ComingsSoonWorkshops

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

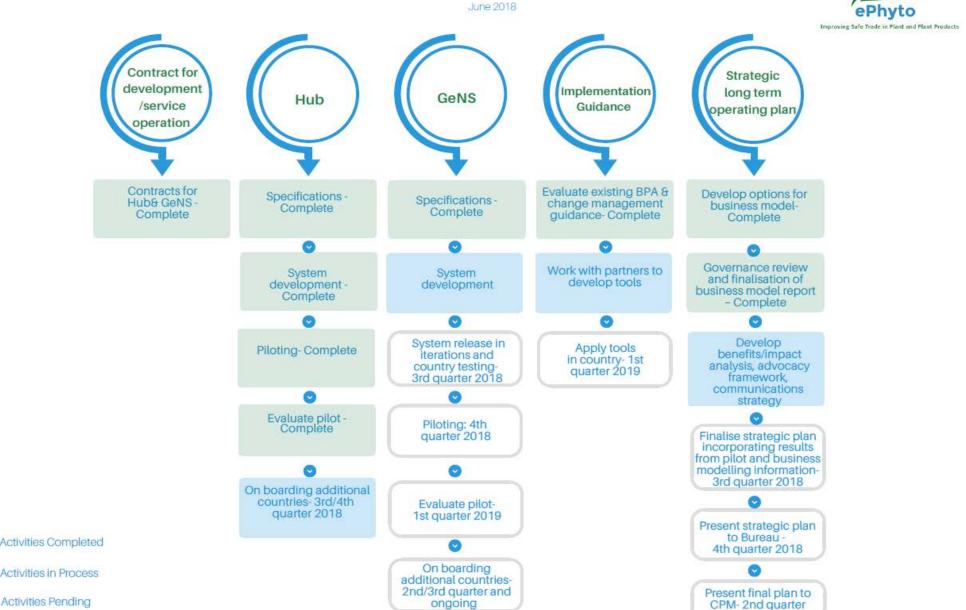
 Near East/Africa Workshop: Dubai, UAE- November 2018 (exact dates still tbc)





ePhyto Solution Development Timeline





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

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