

The ePhyto Solution



Improving Safe Trade in Plant and Plant Products

An overview of the project and its progress

27 June 2018

IPPC Secretariat 2018 IPPC Regional Workshop



Food and Agriculture Organization
of the United Nations



International Plant
Protection Convention

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 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

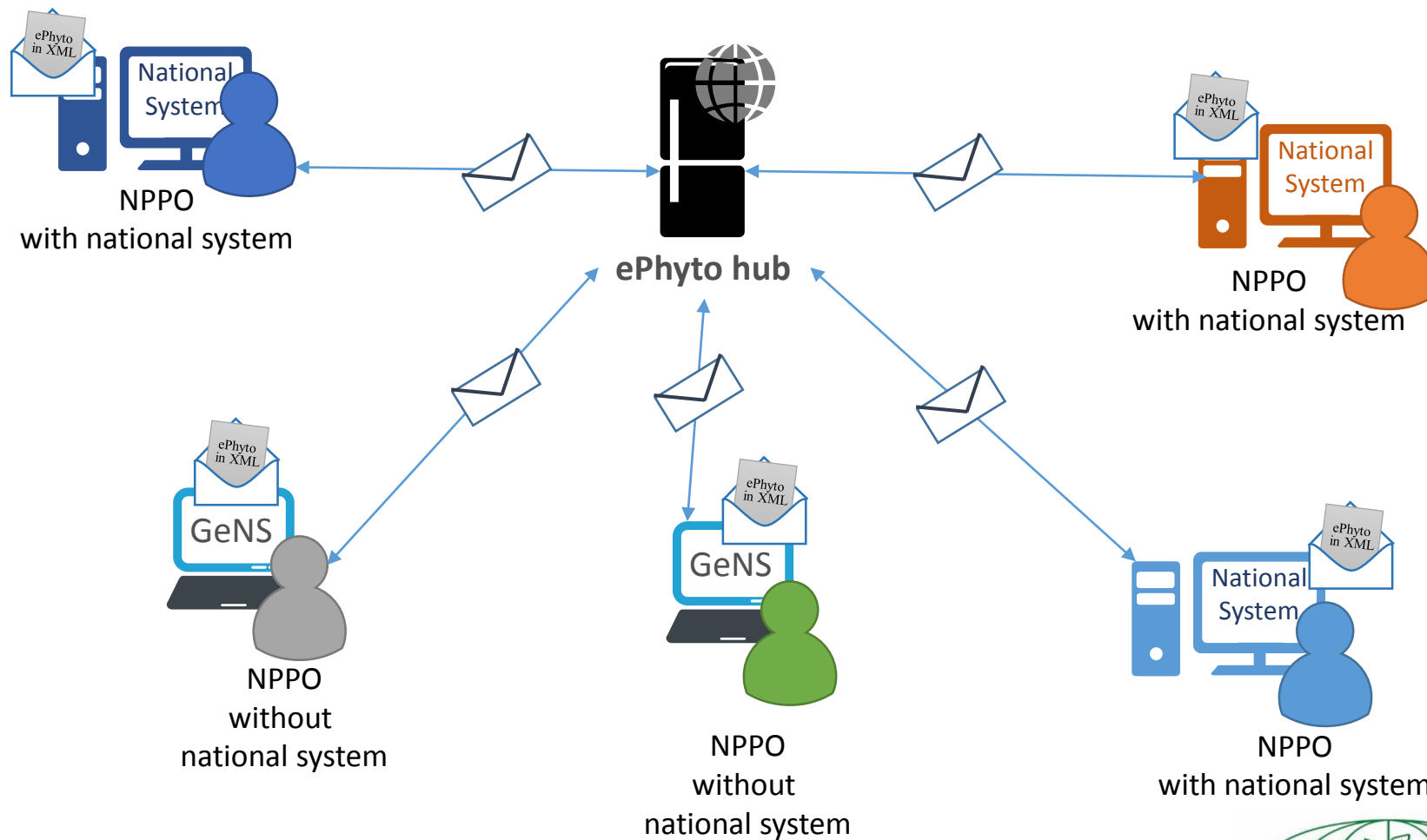
Generic ePhyto National System

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 ePhyto Solution



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

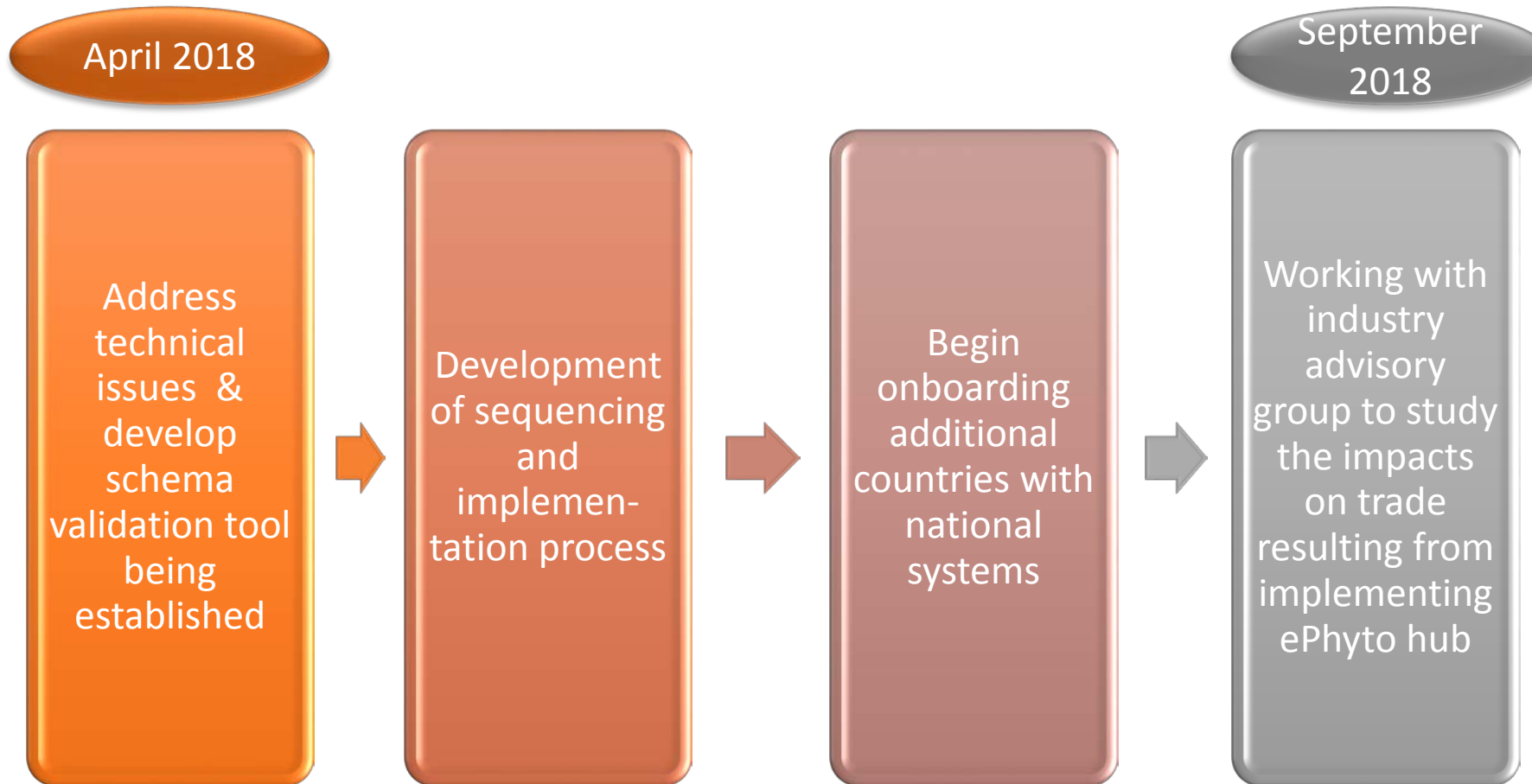


Hub pilot outcomes and next steps

- 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 – Ongoing Activities



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



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)

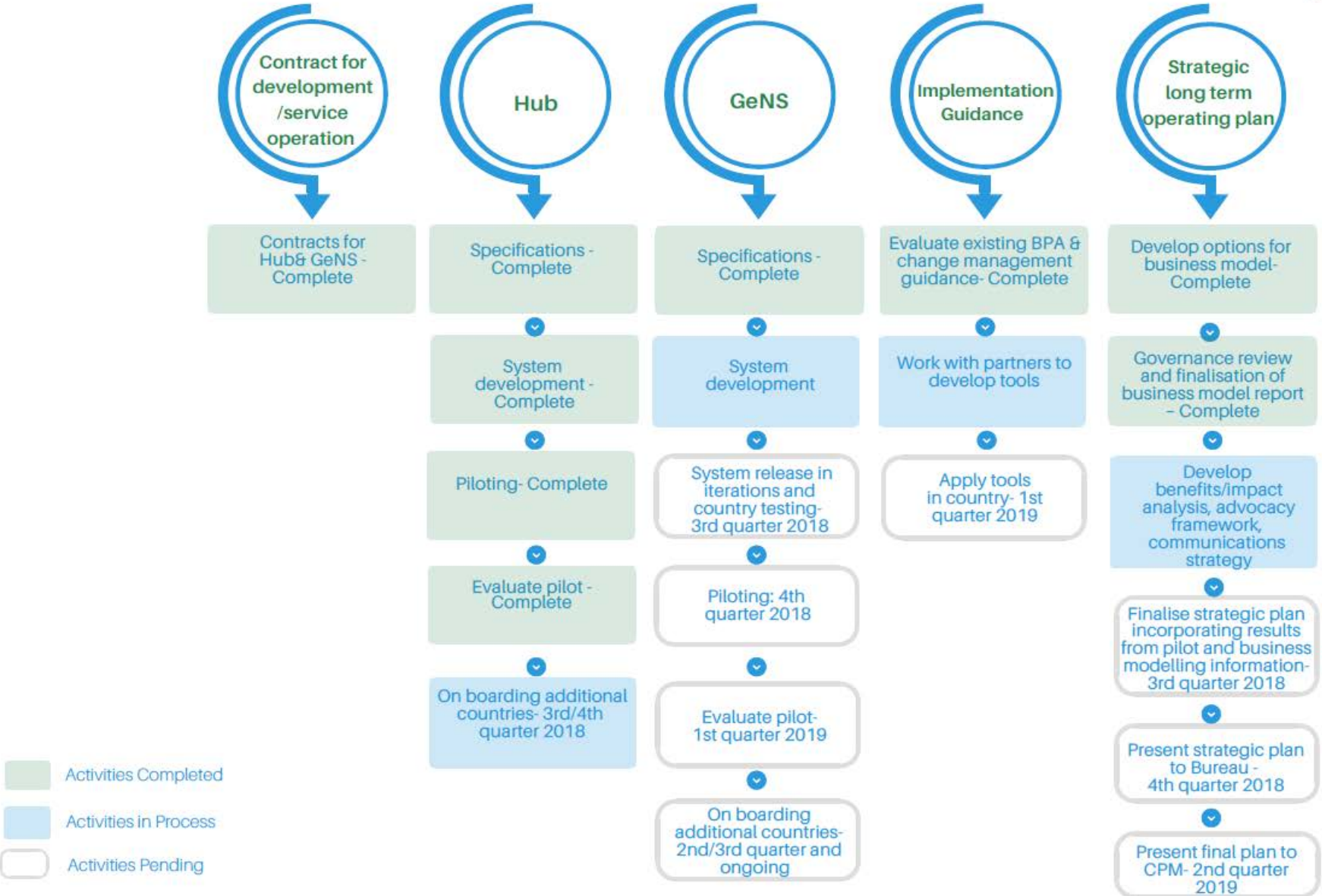


ePhyto Solution Development Timeline

June 2018



Improving Safe Trade in Plant and Plant Products



- Activities Completed
- Activities in Process
- Activities Pending

- For further information on ePhyto go to :
<https://www.ippc.int/en/ephyto/>
- Or contact Shane Sela (shane.sela@fao.org)



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