

ePhyto Overview

The 3rd IPPC Global Symposium on ePhyto

Kuala Lumpur, Malaysia

22nd January 2018



Contents

Background

Progress

Timeline (Next Steps)



Phytosanitary Certificates

Means by which national plant protection organizations communicate that a consignment meet phytosanitary import requirements

Article IV (2) *“The responsibilities ... the issuance of certificates relating to the phytosanitary regulations of the importing contracting party...”*

Article V (3) *“Each contracting party undertakes not to require consignments of plants or plant products or other regulated articles imported into its territories to be accompanied by phytosanitary certificates inconsistent with the models set out in the Annex to this Convention...”*

Phytosanitary certificates

- Model phytosanitary certificate (PC) and PC for re-export established in the Convention

PHYTOSANITARY CERTIFICATE
CERTIFICAT PHYTOSANITAIRE
TAIWAN

DESCRIPTION OF COMMODITY
DESCRIPTION DE LA MARCHANDISE

Origin
Origine

Place of origin
Lieu d'origine

List of pests and diseases
Liste des ravageurs et des maladies

Canada

PHYTOSANITARY CERTIFICATE FOR RE-EXPORT

Description of commodity
Description de la marchandise

Origin
Origine

Place of origin
Lieu d'origine

Georgia

What is an ePhyto?



NOT a paper certificate



NOT a scanned certificate

Electronic equivalent of a paper phytosanitary certificate

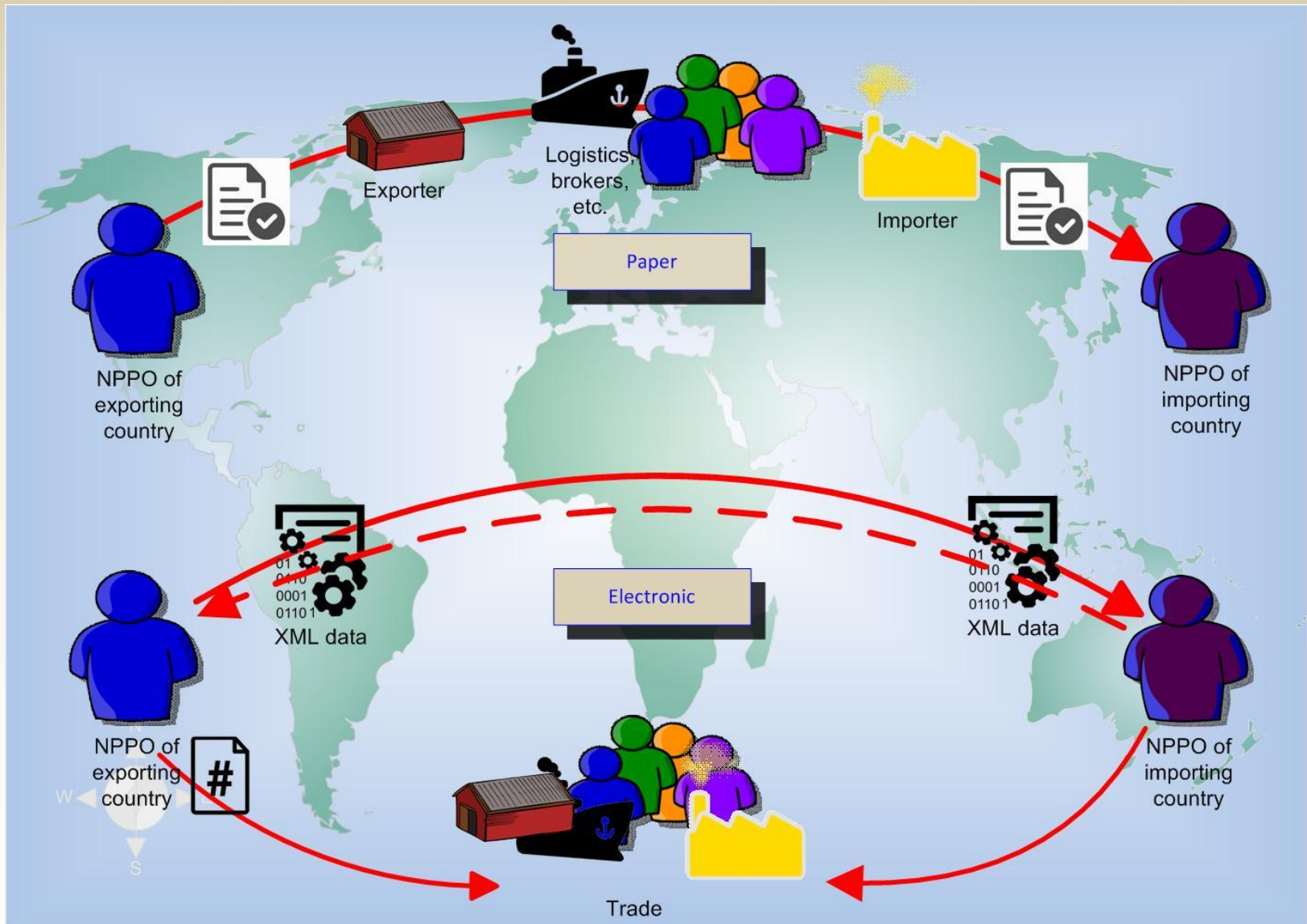
- Standardized XML schema (structure)

ePhyto

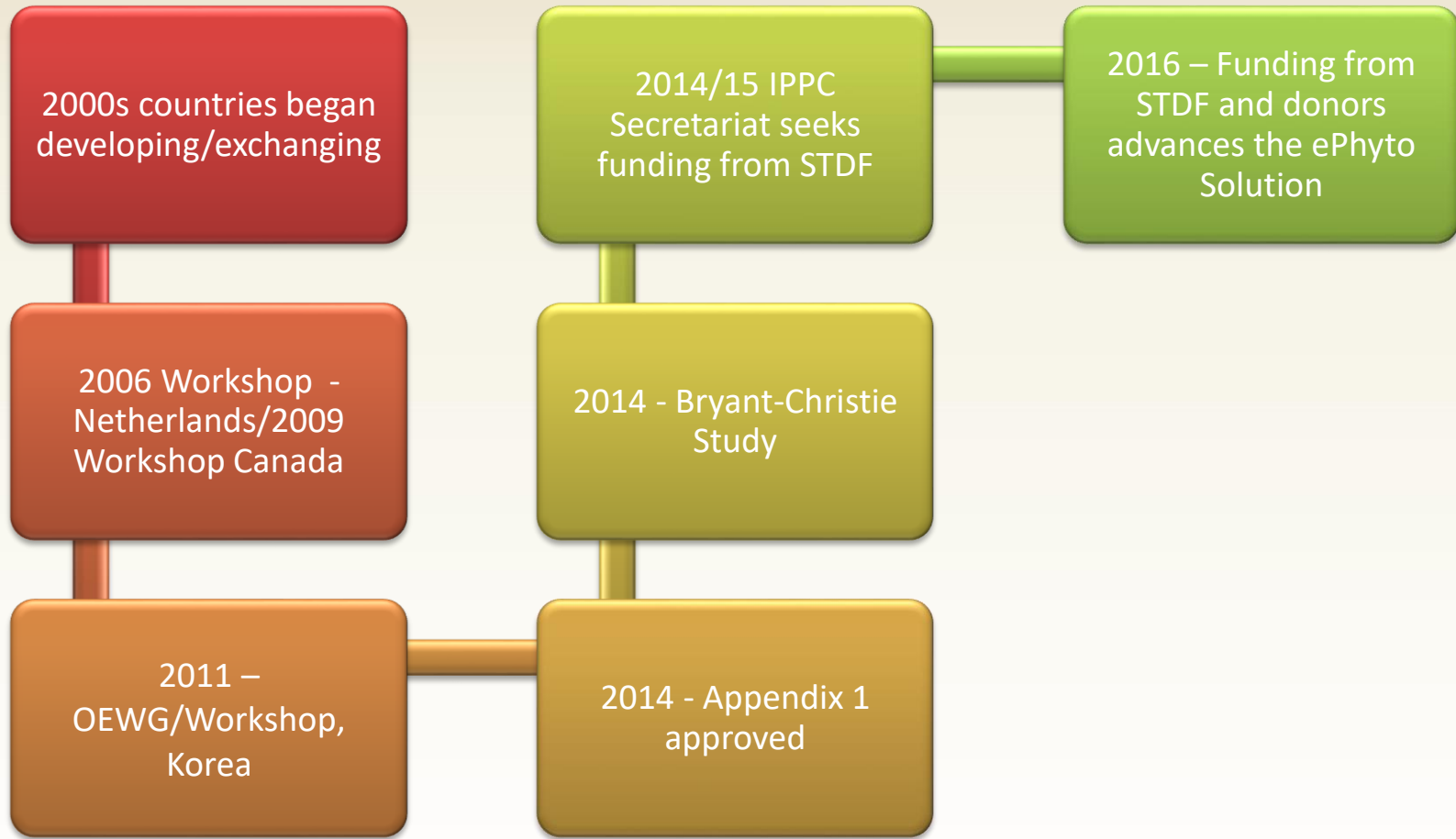
```

- <rsm:SPSCertificate xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:ram="urn:un:unece:uncefact:data:standard:
  xmlns:rsm="urn:un:unece:uncefact:data:standard:SPSCertificate:4" xsi:schemaLocation="urn:un:unece:uncefact:data:standard:SPSCertificate:4
  \SPSCertificate_1p0.xsd">
- <rsm:SPSExchangedDocument>
  <ram:Name>Phytosanitary Certificate</ram:Name>
  <ram:ID>KEPHIS/677536/2010</ram:ID>
  <ram:Description>Document / message issued by the competent body in the exporting country evidencing that plants, fruit, or
  consumption and giving details on fumigation or other treatment to which they may have been subjected.</ram:Description>
  <ram:TypeCode>851</ram:TypeCode>
  <ram:StatusCode>70</ram:StatusCode>
  <ram:IssueDateTime>2010-10-30T16:59:06.69</ram:IssueDateTime>
- <ram:IssuerSPSParty>
  <ram:ID>KEPHIS</ram:ID>
  <ram:Name>Kenya Plant Health Inspectorate Service (KEPHIS)</ram:Name>
</ram:IssuerSPSParty>
- <ram:RecipientSPSParty>
  <ram:ID>VWA</ram:ID>
  <ram:Name>Food and Consumer Product Safety Authority (VWA)</ram:Name>
</ram:RecipientSPSParty>
- <ram:IncludedSPSNote>
  <ram:Subject>Financial Liability</ram:Subject>
  <ram:Content>No financial liability with respect to this certificate shall attach to Kenya Plant Health Inspection Service or to
  representatives</ram:Content>
  <ram:SubjectCode>01</ram:SubjectCode>
</ram:IncludedSPSNote>
- <ram:SignatorySPSAuthentication>
  <ram:ActualDateTime>2010-10-30T16:59:06.69</ram:ActualDateTime>
- <ram:IssueSPSLocation>
  <ram:ID>KENBO</ram:ID>
  <ram:Name>Nairobi, Kenya</ram:Name>
</ram:IssueSPSLocation>
- <ram:ProviderSPSParty>
  
```

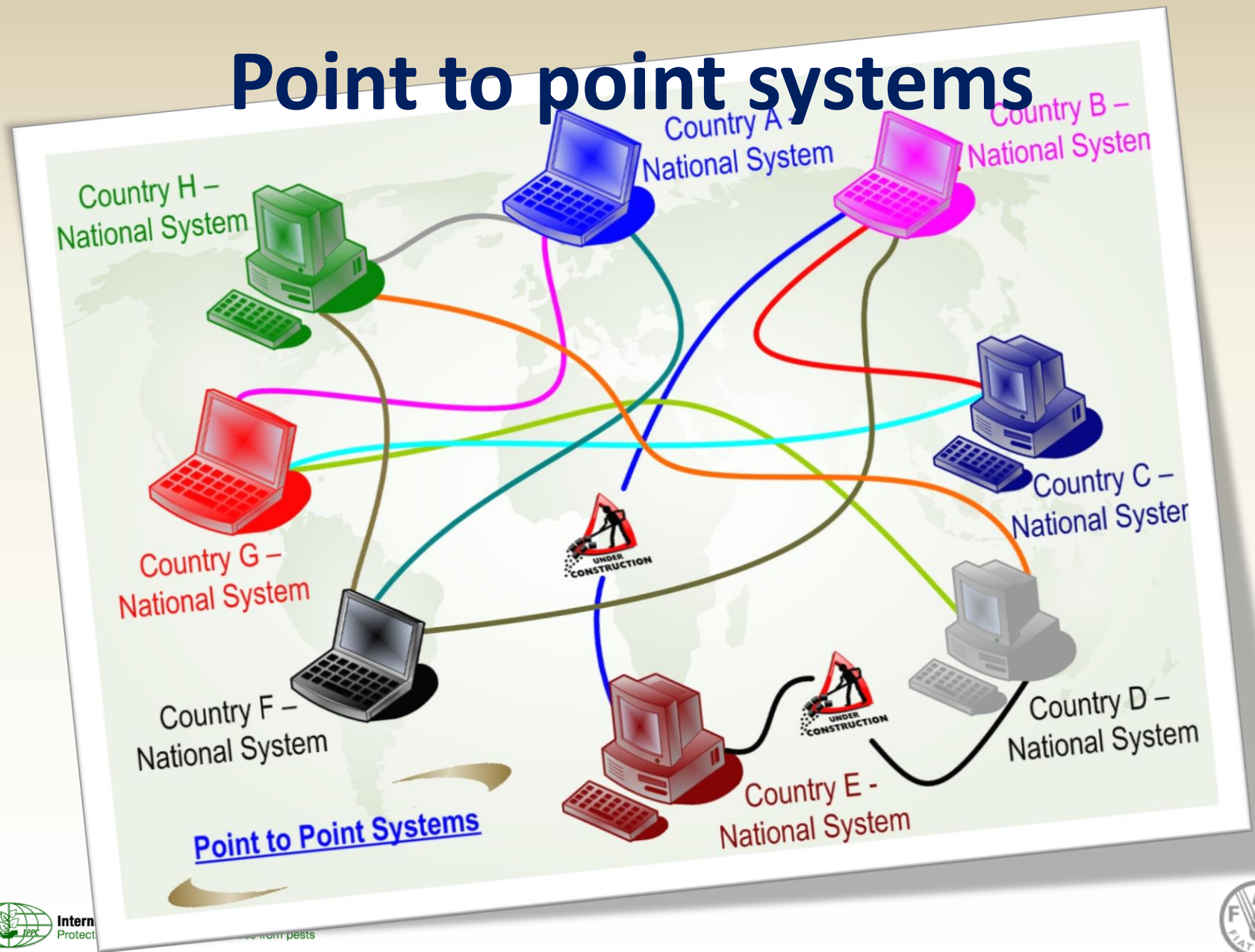
Protecting the world's plant resources from pests



Milestones in establishing the ePhyto Solution



Point to point systems



What is the ePhyto Solution?

Hub

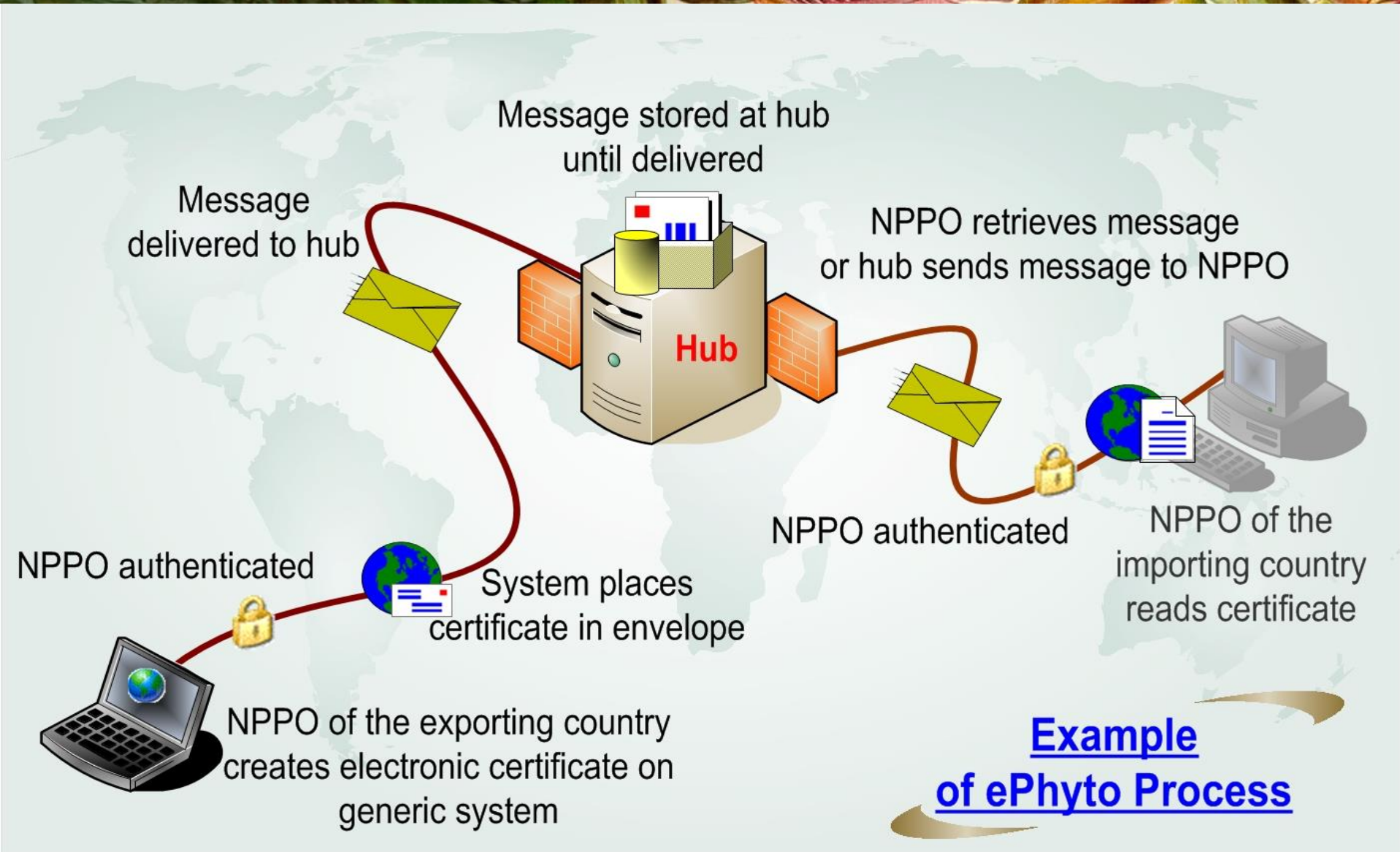
System to facilitate exchange of ePhytos between NPPOs

GeNS

Generic ePhyto National System

web-based system to allow countries without their own systems to produce, send and receive ePhytos in the XML format (like a client-side)





Example of ePhyto Process

Benefits

Electronic Certificates

- Reduced potential for fraud
- Improved efficiencies by reduced data entry and validation
- Improved security
- Expedited clearance of commodities
- Pre-arrival processing

ePhyto Solution

- Globally harmonized approach
- Expedite international trade
- Eventually lead to paperless trade
- Allow developing countries to participate equally
- Removes bilateral agreements between NPPOs on the details of exchange
- Potential to link with other e-systems (e.g. single window, other e-documents)



Solution components

Hub

- Build complete

GeNS

- Build being initiated

Pilot

- Hub pilot underway – expected complete by February 2018

Implementation guidance

- Development underway

Other components

- Policy on use in draft
- Business modelling/cost recovery – options being developed

Pilot Countries

Hub

Argentina

Australia

Chile

China

Ecuador

Kenya

Korea

Netherlands

New Zealand

USA

GeNS

Ghana

Samoa

Sri Lanka



Hub Pilot Progress

Commenced October 2017

8 of ten countries in various stages of implementing connection to hub

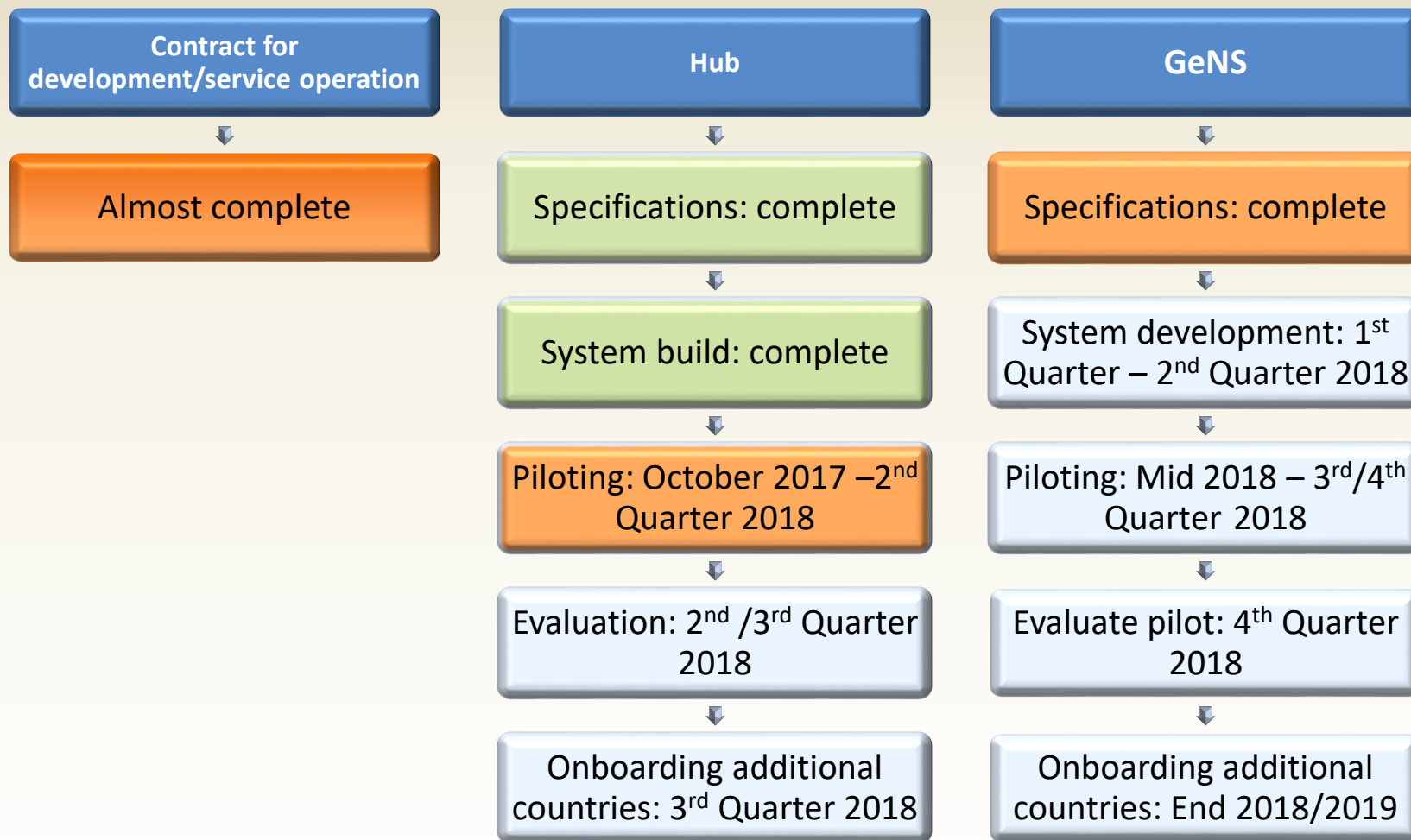
Some exchanging test certificates

Most expected to begin exchanges in the next few weeks

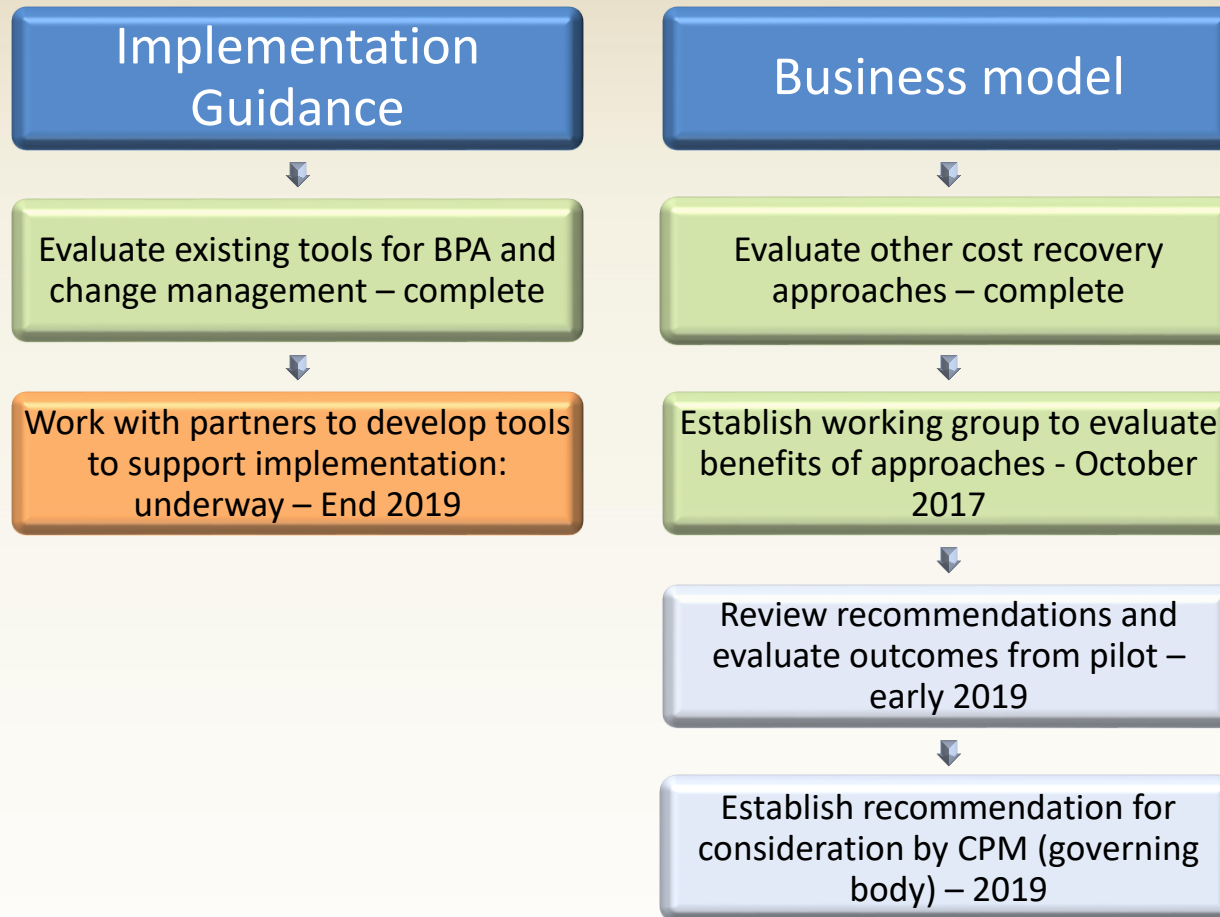
Evaluation of technical and non-technical elements of hub implementation:

- Questionnaire
- Help desk reporting

Timeline



Timeline



Thank you!

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