

# Phytosanitary certification

## ePhyto

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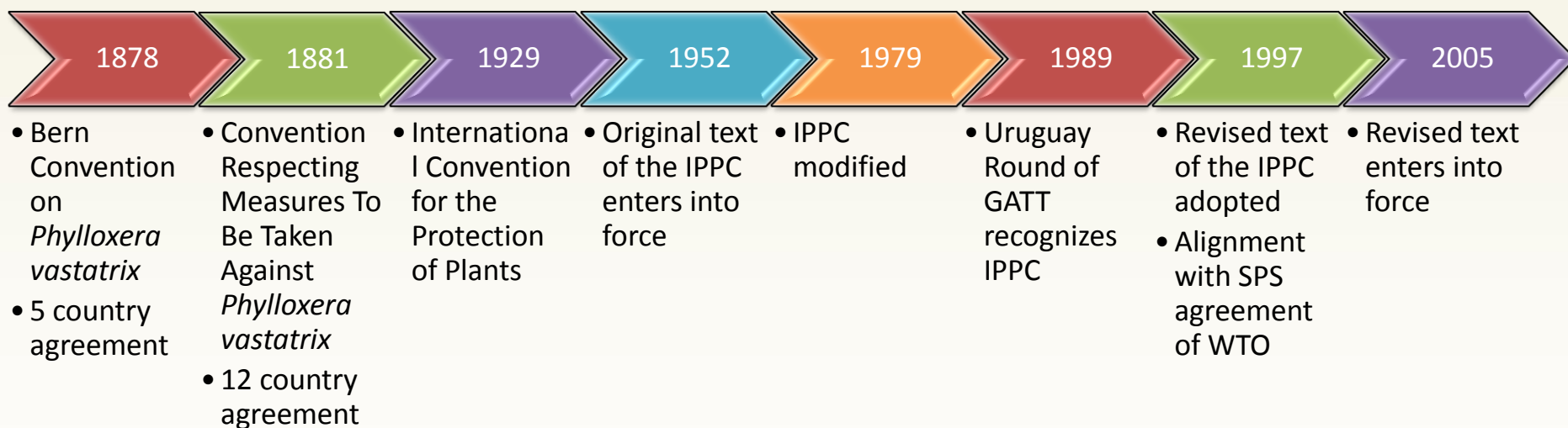
# Outline

- The IPPC
- Phytosanitary certification
- ePhyto
- The ePhyto Project



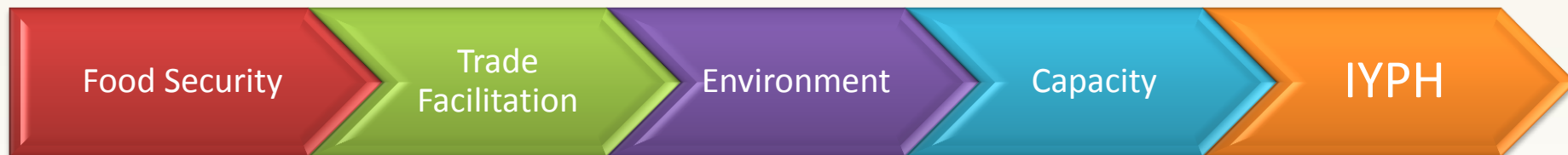
# The International Plant Protection Convention (IPPC) – Where we have been

*Article I “With the purpose of securing common and effective action to prevent the spread and introduction of pests of plants and plant products, and to promote appropriate measures for their control...”*



# The International Plant Protection Convention (IPPC) – Where we are going?

The IPPC has instituted a series of themes for this and the next four years, with the final year, 2020, hopefully being designated the International Year of Plant health by the UN General Assembly.



# CPM

- Commission on Phytosanitary Measures (CPM)
- Governing body of the International Plant Protection Convention (IPPC)
- Objective: Identify actions to control the spread of pests into new areas by developing and adopting international standards while facilitating trade
- Meets each year in March or April to advance the work plan in standard setting, national reporting obligations, and capacity development



# Standard Setting Process





# The Convention and certification

- Article IV (2) *“The responsibilities of an official national plant protection organization shall include the following: (a) the issuance of certificates relating to the phytosanitary regulations of the importing contracting party for consignments of plants, plant products and other regulated articles;...”*
- 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 certification

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

International Plant Protection Convention IPPC

ANNEX

**Model Phytosanitary Certificate**

Plant Protection Organization of \_\_\_\_\_ No. \_\_\_\_\_  
TO: Plant Protection Organization(s) of \_\_\_\_\_

**I. Description of Consignment**

Name and address of exporter: \_\_\_\_\_  
Declared name and address of consignee: \_\_\_\_\_  
Number and description of packages: \_\_\_\_\_  
Distinguishing marks: \_\_\_\_\_  
Place of origin: \_\_\_\_\_  
Declared means of conveyance: \_\_\_\_\_  
Declared point of entry: \_\_\_\_\_  
Name of produce and quantity declared: \_\_\_\_\_  
Botanical name of plants: \_\_\_\_\_

This is to certify that the plants, plant products or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered to be free from the quarantine pests specified by the importing contracting party and to conform with the current phytosanitary requirements of the importing contracting party, including those for regulated non-quarantine pests.

They are deemed to be practically free from other pests.\*

**II. Additional Declaration**  
[Enter text here]

**III. Disinfestation and/or Disinfection Treatment**

Date \_\_\_\_\_ Treatment \_\_\_\_\_ Chemical (active ingredient) \_\_\_\_\_  
Duration and temperature \_\_\_\_\_  
Concentration \_\_\_\_\_  
Additional information \_\_\_\_\_

Place of issue \_\_\_\_\_  
(Stamp of Organization) Name of authorized officer \_\_\_\_\_  
Date \_\_\_\_\_ (Signature)

No financial liability with respect to this certificate shall attach to \_\_\_\_\_ (name of Plant Protection Organization) or to any of its officers or representatives.\*

\* Optional clause

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# Phytosanitary certification

- ISPM 7 and 12 provide guidance on issuance of PCs and PCs for re-export
- ISPM 7 *Phytosanitary certification system* describes the components of a national system for the issuance of PCs
  - Topic added in 1994, standard adopted in 1997, revised in 2011
- ISPM 12 *Phytosanitary certificates* describes the content of PCs
  - Topic added in 1996, standard first adopted in 2001, revised in 2014



# Electronic certification

- 2011 open ended working group on electronic certificates established
- 2014 CPM approved Appendix 1 *Electronic phytosanitary certificates, information on standard XML schemas and exchange mechanisms* to ISPM 12 which describes the
  - Format and contents of ePhytos
  - Mechanism for exchange
  - Guidance on harmonized codes and schema

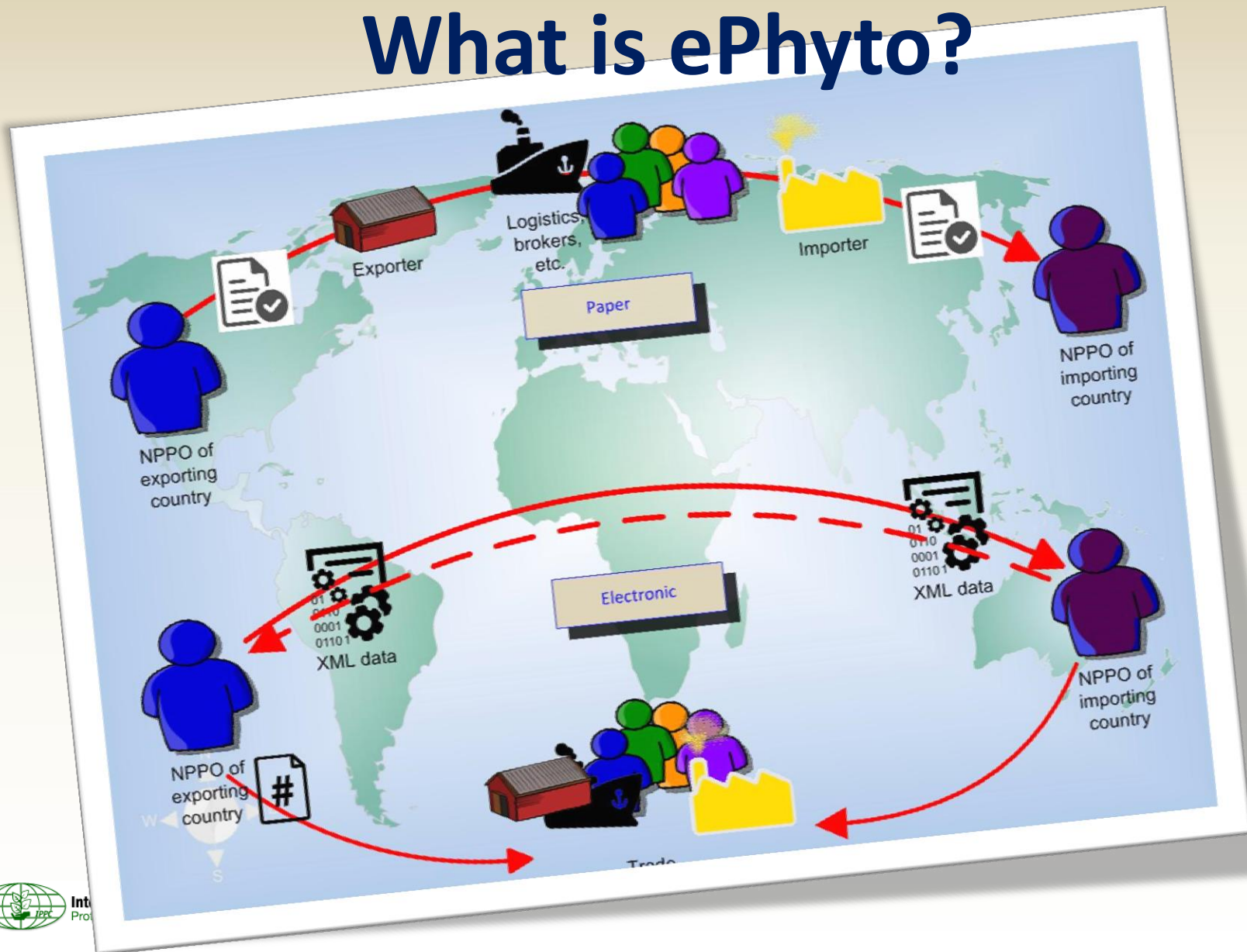


# ePhyto introduction

- CPM also encouraged the development of an ePhyto hub to facilitate harmonized exchange of ePhyto.
- The IPPC Secretariat sought funding from STDF to allow developing countries to more effectively participate in ePhyto
- In October 2015, STDF approved funding

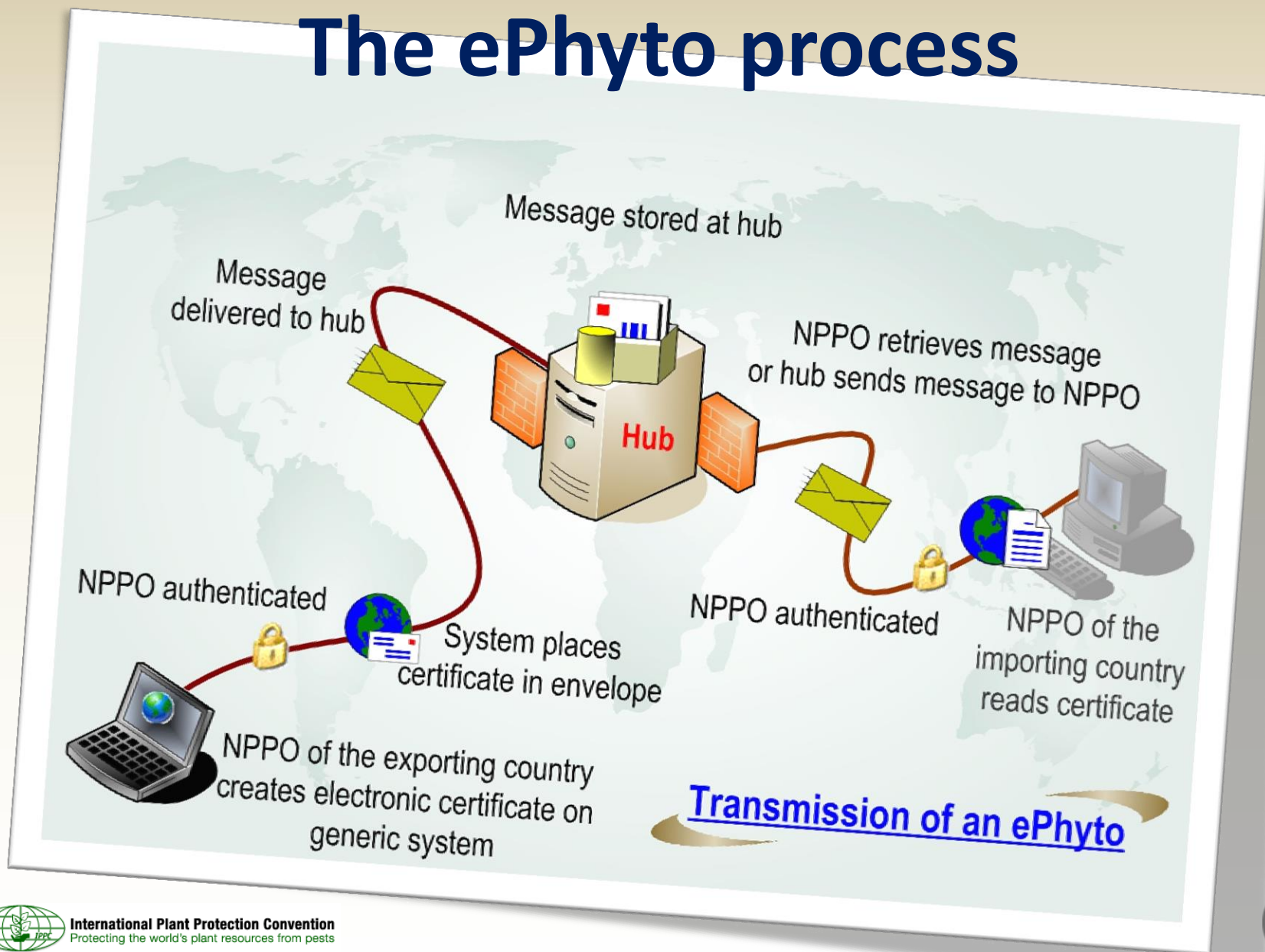


# What is ePhyto?





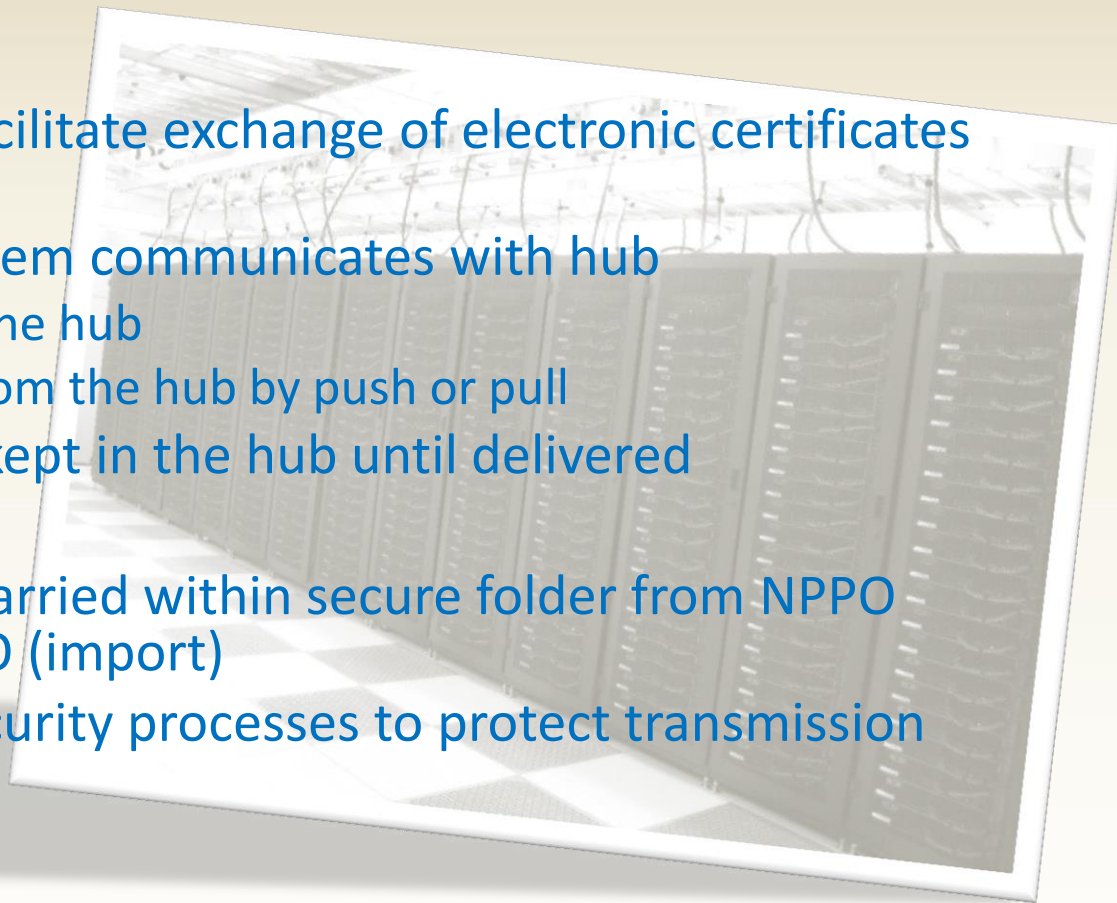
# The ePhyto process





# The hub

- Centralized server to facilitate exchange of electronic certificates between NPPOs.
- Generic or national system communicates with hub
  - Pushes certificates to the hub
  - Receives certificates from the hub by push or pull
- ePhyto messages only kept in the hub until delivered
- Secure NPPO access
- Electronic certificates carried within secure folder from NPPO (export) to hub to NPPO (import)
- Uses internet based security processes to protect transmission
- Highly configurable



# Generic national system

- Simple web-based system which:
  - produces an electronic certificate
  - transmits it to the hub under prescribed rules
  - allows NPPOs to either retrieve certificates or have the hub transfer the certificate to their system, and
  - Stores certificate data of produced and received e-certificates



# Project goals

- Improve the capacity of developing countries to facilitate safe, secure and efficient trade in plants and plant products through the establishment of a self-sustaining global framework for electronic phytosanitary certification
- ePhyto once established and accessible to all Contracting Parties should enable them to communicate phytosanitary assurances in a modern, cost effective and globally harmonized way



# Project Timeline

Analyse costing, methods for recovery  
and develop cost recovery plan

Develop, test and deploy capacity building and advocacy  
tools

Service  
arrangement

Develop/  
reconfigure  
hub and  
generic  
system

Pilot Solution

Business as usual operation

2016

Q1

Q2

Q3

Q4

2017

Q1

Q2

Q3

Q4

2018

Q1

Q2

Q3

Q4



# Questions?

