

# IPPC ePhyto Solution

## IPPC ePhyto Video



Food and Agriculture Organization  
of the United Nations



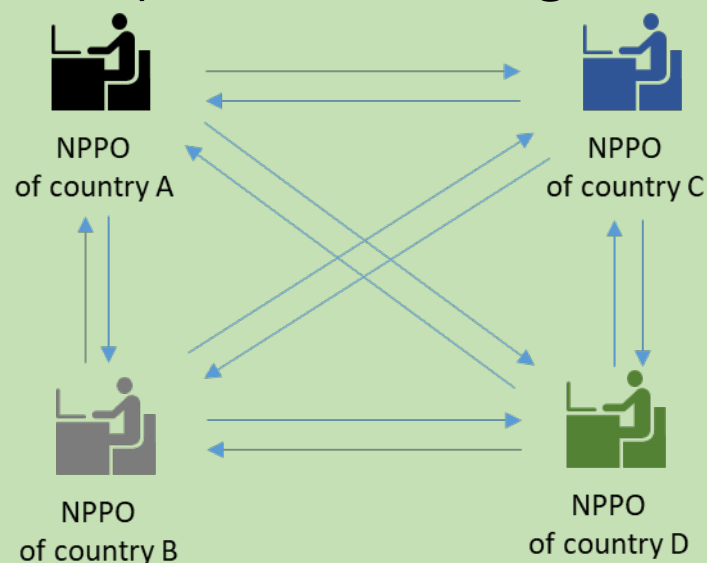
International Plant  
Protection Convention



Improving Safe Trade in Plants and Plant Products

## In the beginning...

- **Point-to-point:**
- Directly between National Plant Protection Organizations (NPPOs)
- Had to negotiate separate bilateral arrangements with each country to facilitate exchange
- High costs for establishing (@\$40K-120K per connection)
- Annual costs (\$20K-100K) for maintaining all the connections



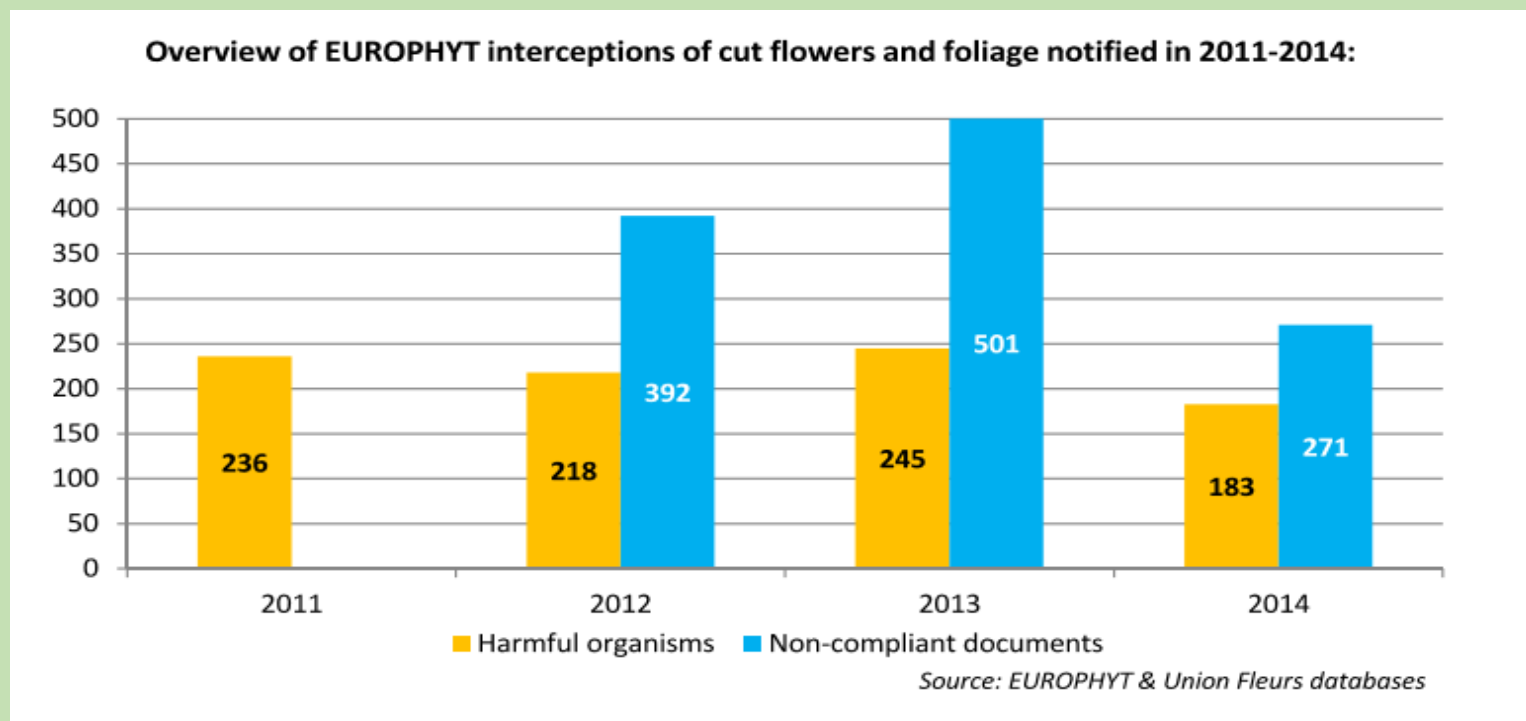
# Why ePhyto?

- Inefficient –
  - Labor intensive
  - Highly manual with paper being couriered around the world
  - Data re-entry multiple times
- Re-issuing of paper phytosanitary certificates leads to:
  - Delays
  - Increased costs
  - Loss of commodity
- Mountains of paper are produced, printed, stored, and destroyed annually



# Why ePhyto? An example

Non-compliant documents trigger a higher number of rejections than actual plant health issues:

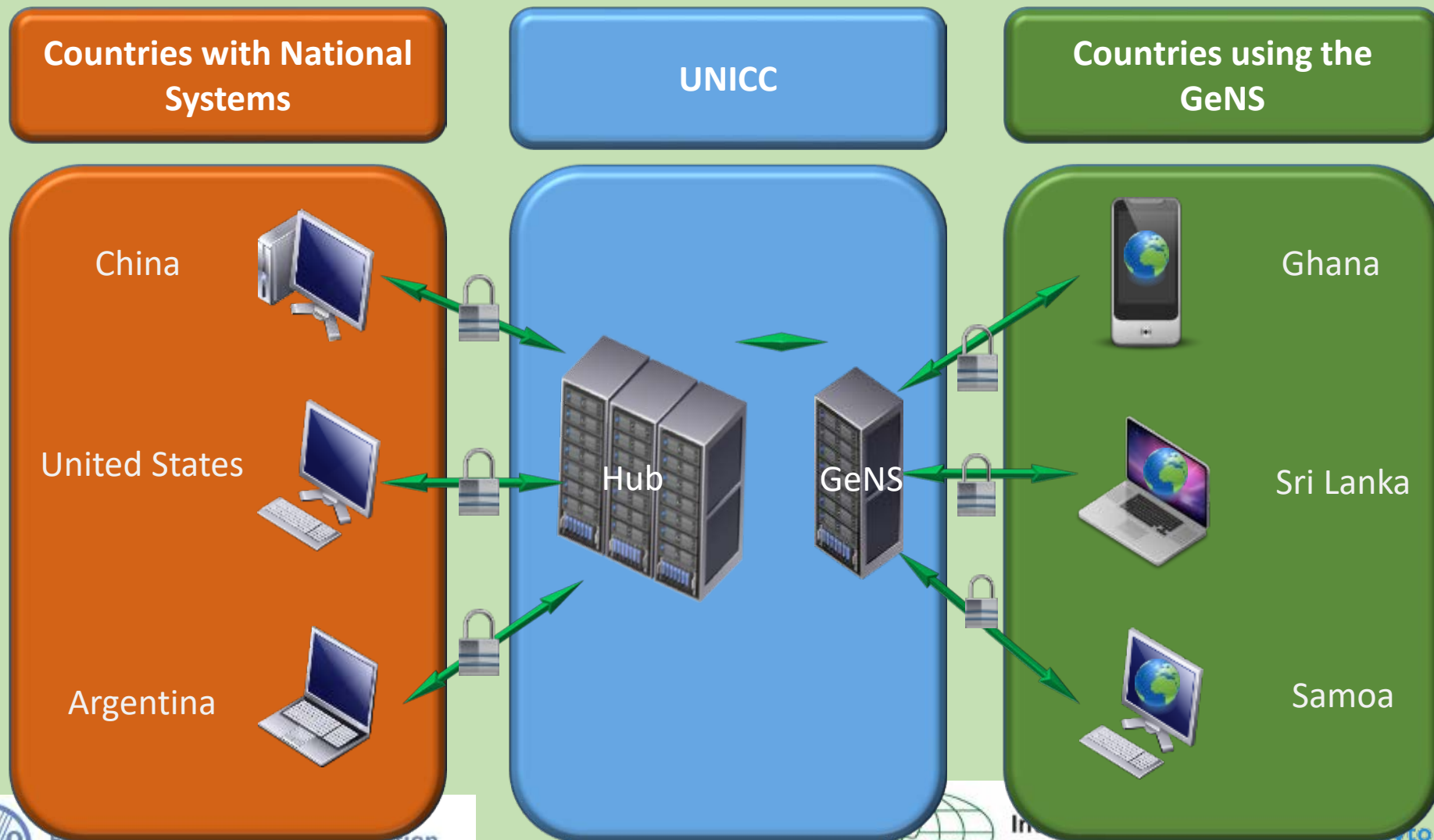


# International Plant Protection Convention (IPPC) ePhyto Solution

- 3 main components:
  - HUB
    - Centralized system to facilitate exchange between NPPOs
    - Single message format
    - Standardized
  - Generic ePhyto National System
    - Web based system
    - Only requires computer and internet
    - Any participating country automatically connect to Hub exchange
  - Harmonization
    - Ongoing; Leads to further automation



# Hub and GeNS



# Argentina – ePhyto

```

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```

# Paper Representations

## Argentina (paper version)

## Argentina (ePhyto)

CERTIFICADO FITOSANITARIO PHYTOSANITARY CERTIFICATE		
N° 779068		
DE: Organización Nacional de Protección Fitosanitaria de ARGENTINA FROM: National Plant Protection Organization of ARGENTINA PARA: Organización Nacional de Protección Fitosanitaria de ESTADOS UNIDOS TO: The Plant Protection Organization of United States		
DESCRIPCIÓN DEL ENVÍO / DESCRIPTION OF THE CONSIGNMENT		
1 - Nombre y dirección del exportador Name and address of the exporter <b>CAMPO GRANDE S A</b> 2022421, PEDREGAL (5529), MENDOZA, ARGENTINA	2 - Nombre y dirección declarada del destinatario Declared name and address of consignee PAPA YA FRUIT GROWTH SALG OG BANANAMONGING I/S GRONLOKKEVEJ 10 - 5000 ODENSE C P.IVA DK 32 86 72 78	
3 - Medio de transporte declarado Declared means of conveyance Marítimo - Buque Contenedor Maritime - Container ship	4 - Punto de entrada declarado Declared point of entry NEW YORK	
5 - Nombre del producto, número y descripción de paquetes Name of produce, number and description of packages 15 cajas de Ajo Fresco 15 box of Fresh Garlic	6 - Cantidad declarada Quantity declared 40.0000 kg 40.0000 kg	
7 - Nombre botánico de la planta Botanical name of plant Allium sativum	8 - Lugar de origen Place of origin ARGENTINA - MENDOZA	9 - Marcas distintivas Distinguishing marks CAMPO GRANDE
10 - Por el presente se certifica que las plantas, productos vegetales u otros artículos reglamentados descritos aquí han sido inspeccionados y/o analizados de acuerdo con procedimientos oficiales adecuados, y se consideran libres de plagas cuarentenarias especificadas por la contraparte importadora y que cumplen con los requisitos fitosanitarios exigidos por esta, incluyendo los relativos a plagas no cuarentenarias reglamentadas. This is to certify that the plants, plants products or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered 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.		
DECLARACIÓN ADICIONAL / ADDITIONAL DECLARATION		
11 - Sin Declaraciones Adicionales No additional declarations Fecha de inspección: 22-enero-2018 Inspection date: 22-january-2018		
TRATAMIENTO DE DESINFESTACIÓN Y/O DESINFESTACIÓN / DISINFESTATION AND/OR DISINFESTATION TREATMENT		
12 - Tratamiento / Treatment	13 - Producto químico y concentración (Ingr. activo) / Chemical and Concentration (active ingredient)	
14 - Duración / Duration	15 - Temperatura / Temperature	16 - Fecha / Date
17 - Información adicional: Additional information:		
DATOS DE EXPEDICIÓN / INFORMATION OF EXPEDITION		
 Lugar y fecha de expedición Place and date of issue CIUDAD AUTONOMA DE BUENOS AIRES, 22-enero-2018 CIUDAD AUTONOMA DE BUENOS AIRES, 22-january-2018		
Oficial autorizado / Authorized officer AR - 85 - BUIGUES GUSTAVO		
CUVE 257790688582		

PCIT Generated Foreign Certificate Derived from Electronically Supplied Data		FOR OFFICIAL USE ONLY
Servicio Nacional de Sanidad y Calidad Agroalimentaria		PLACE OF ISSUE PUERTO DE BUENOS AIRES (CIUDAD AUTONOMA DE BUENOS AIRES)
PHYTOSANITARY CERTIFICATE		
TO: THE PLANT PROTECTION ORGANIZATION(S) OF United States		NO. 779068
		DATE INSPECTED April 10, 2018
CERTIFICATION		
This is to certify that the plants, plant product 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.		
DISINFESTATION AND/OR DISINFESTATION TREATMENT TREATMENT DETAILS		
DESCRIPTION OF THE CONSIGNMENT		
1. NAME AND ADDRESS OF EXPORTER CAMPO GRANDE S A 2022421, PEDREGAL (5529), MENDOZA, ARGENTINA	2. DECLARED NAME AND ADDRESS OF THE CONSIGNEE PAPA YA FRUIT GROWTH SALG OG BANANAMONGING I/S GRONLOKKEVEJ 10 - 5000 ODENSE C P.IVA DK 32 86 72 78	
3. NAME OF PRODUCE AND QUANTITY DECLARED (1) garlic (Bulbs) 40.0000 kilogram	4. BOTANICAL NAME OF PLANTS (1) Allium sativum	
5. NUMBER AND DESCRIPTION OF PACKAGES (1) 15 Box	6. DISTINGUISHING MARKS (1) CAMPO GRANDE	
7. PLACE OF ORIGIN (1) MENDOZA	8. DECLARED MEANS OF CONVEYANCE Container ship (Maritime transport)	
	9. DECLARED POINT OF ENTRY NEW YORK	
ADDITIONAL DECLARATION		
No additional declarations		
Page 1 of 1		
10. DATE ISSUED April 10, 2018	11. INSPECTOR	12. NAME OF AUTHORIZED OFFICER (Type or Print) AR - 85 BUIGUES GUSTAVO
No financial liability with respect to this certificate shall attach to Servicio Nacional de Sanidad y Calidad Agroalimentaria or to any of its officers or representatives.		

Standardized format leads to easier document review.



## Recent Highlights

- G-20 Agriculture Ministers endorsed the IPPC's efforts on ePhyto
- HUB fully operational since June 2018
  - Argentina, Chile, Netherlands, New Zealand, and United States are using the HUB
  - 27 other countries in various stages of connecting
- Generic ePhyto National System (GeNS) pilot began in Fall 2018
  - Sri Lanka, Samoa, and Ghana
  - Official go-live date July 15, 2019
- Workshops on ePhyto in Latin America (18 countries represented) and Asia Pacific (28 countries represented) – total of 75 representatives trained on ePhyto
- Training workshop for the Western Caribbean nations – total of 35 representatives trained on GeNS
- In September – providing training to Samoa on GeNS; attending the Pacific Plant Protection annual meeting in Fiji – estimated 70 representatives trained on ePhyto
- Early industry case studies (9)
  - Time savings: 1-2 hours up to 1-2 days; Cost savings: \$25-100 per shipment



# Protecting the world's plant resources from pests

## Planned 2020 Activities

- HUB
  - Facilitate the other 27 countries in various stages of connecting to the HUB
- Generic ePhyto National System (GeNS)
  - Continue to facilitate participation in the GeNS
  - Facilitate/host training workshop for representatives from 40 Africa nations (November 2019)
- Continue development of PCIT to support Customs and Border Protection's ability to view ePhytos
- Continue development of HUB to facilitate industry's receipt of ePhytos
- Continue industry case studies



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