# The IPPC ePhyto Solution and Business Model Considerations

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## **Phytosanitary Certificates**

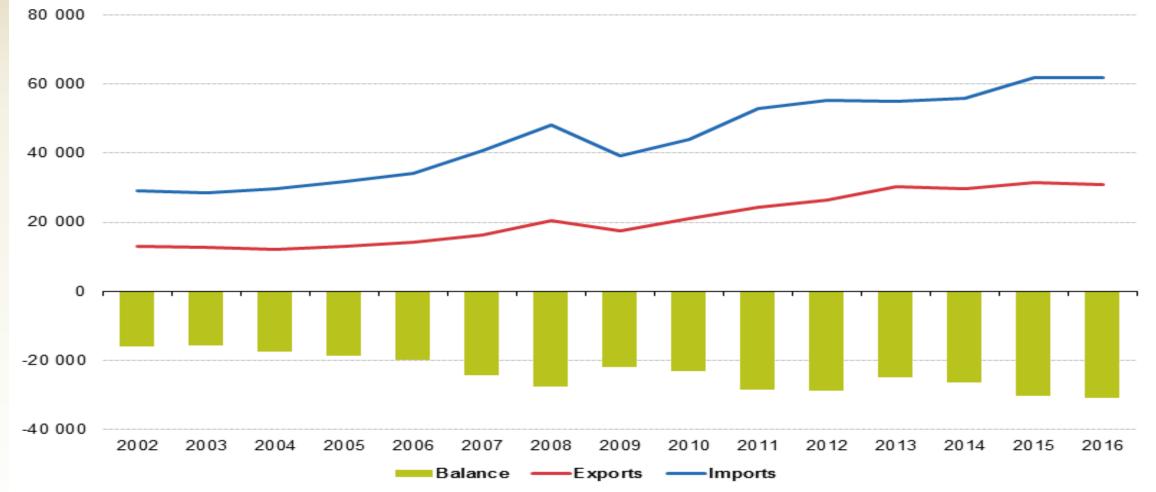
- ➤ Phytosanitary Certificates cover the export and import of plants, seeds, fruits and vegetables, cut flowers, grains, etc
- ➤ Plant and Plant Products Market worth hundreds of \$billions annually







# Extra-EU trade in agricultural products, category vegetables, EU-28, 2002 2016 (EUR million)







## **Phytosanitary Certificates**

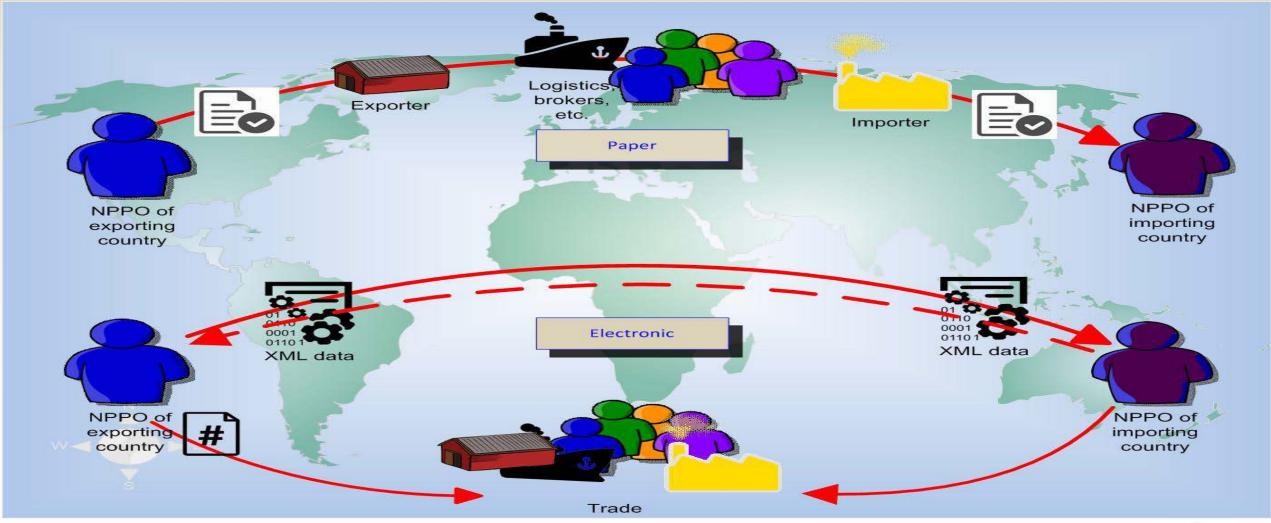
- >Covers plants, seeds, fruits and vegetables, cut flowers, grains, etc
- ➤ Plant and Plant Products Market worth hundreds of \$billions annually
- ➤ Issued by the National Plant Protection Organization (NPPO) of the exporting country to the NPPO of the importing country, to indicate that consignments of plants, plant products meet the specified phytosanitary requirements by the importing country
- ➤ Under the FAO's International Plant Protection Convention (IPPC)







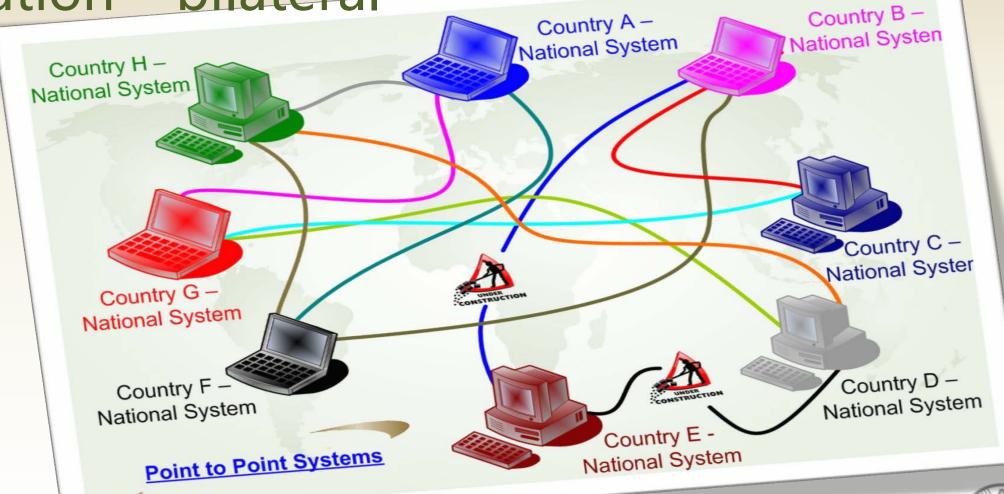
#### ePhyto Verses Paper Phytosanitary Certificate Flow





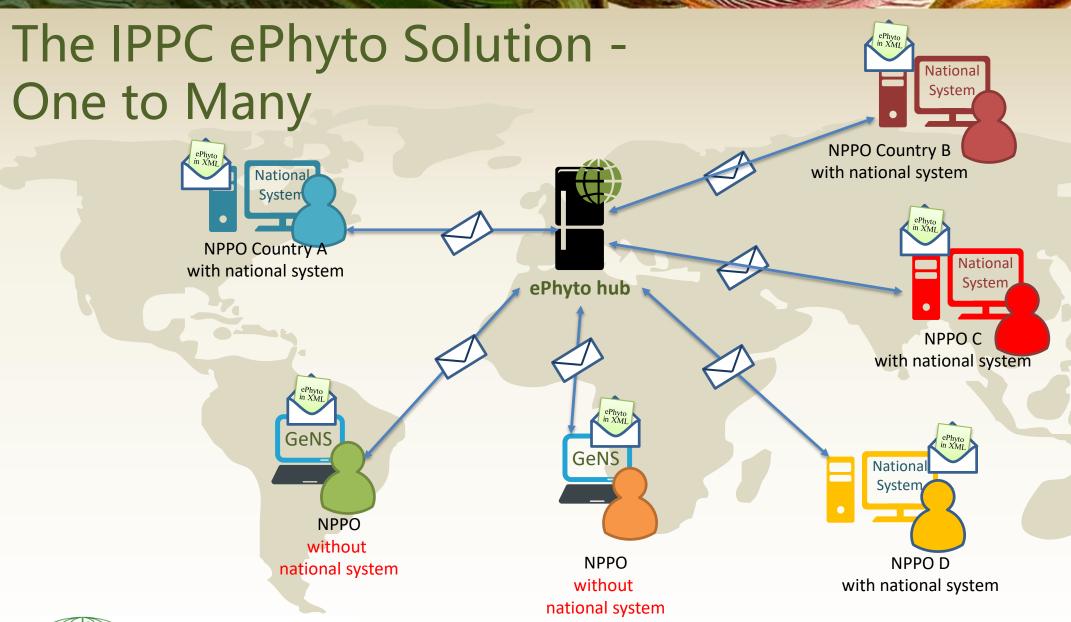


National electronic phytosanitary certification – bilateral











## So the essentials of the IPPC ePhyto Solution are ...

#### ePhyto Schema

Consistent (harmonized) message structure and content

#### Hub

System to facilitate exchange of ePhytos between NPPOs

#### **GeNS**

Generic ePhyto National System





## Pilot Countries, 2018-2019









## ePhyto and Single Window

- ePhyto is a classic opportunity for SW implementors
  - Ghana considering integrating ePhyto within SW (they will initially use the GeNS)
  - Morocco (potential) project to implement ePhyto will consider SW implementation
- Major enhancement of benefits when integrated with Customs
- ..... and other related document as per this conference!



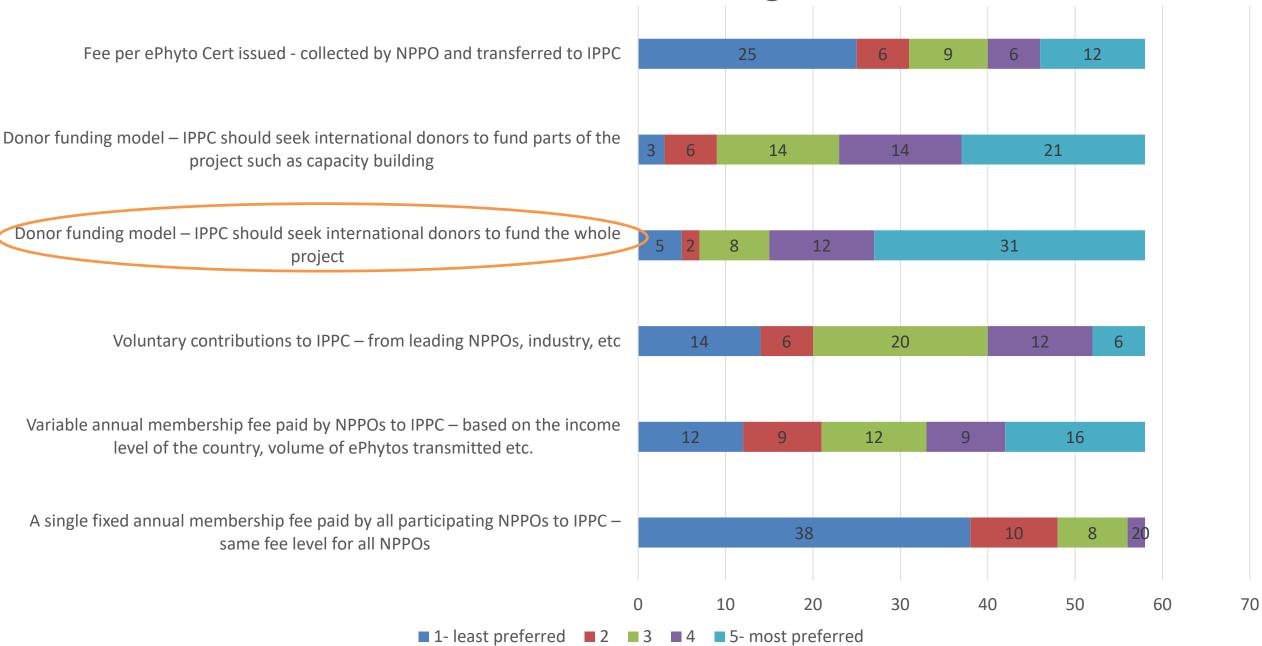


## ePhyto Business Model





NPPO's Preferred funding model



## Business Model - Funding Options Considered

- > Funding by FAO
- > Funding by Lead NPPOs, Key Phytosanitary Certificate Users
- > Funding by "External" Donors
- Participant Based Funding
- Combined Approach
- Capacity Building and Technical Assistance separate Trust Fund





### Most Likely Approach to be adopted ...

- > "Donor" based model for first 5 years for operating costs
- ➤ Participant Based Funding thereafter??
- ➤ Capacity Building Trust Fund separate
- Final Business Model 2020 after results of Pilot and other research concluded
- ➤ Possible FAO wide approach other certificates





#### ePhyto Solution Development Status 6 February 2018

Contract for development/service operation

Contracts for hub & GeNS complete Hub

Specifications - complete

System development-complete

Piloting: October 2017 – 2<sup>nd</sup> Quarter 2018

Evaluate pilot - 3rd Quarter 2018

Onboarding additional countries-4th Quarter 2018 GeNS

Specifications - complete

System development – 1<sup>st</sup> Quarter 2018

System release in iterations and country testing - 2nd Quarter 2018

Piloting: Mid 2018 – 3<sup>rd</sup>/4<sup>th</sup> Quarter 2018

Evaluate pilot-11 Quarter 2019

Onboarding additional countries-2019 Implementation Guidance

Evaluate existing BPA & change management guidance – complete

Work with partners to develop tools - 2<sup>nd</sup> Quarter 2018

> Test usefulness of tools – 4th Quarter 2018

**Business** model

Develop options for model – complete

Working groups' review-complete

Industry evaluation of impacts during pilot – 4th Quarter 2018

Revise proposal and add in outcomes from pilot – early 2019

Establish recommendation for consideration by CPM - 2019



Activities currently underway

Activities completed





#### **Further Information:**

IPPC ePhyto Website: <a href="https://www.ippc.int/en/ephyto/">https://www.ippc.int/en/ephyto/</a>

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