ePhyto Solution Status Update
Hub and the Generic National System (GeNS)

August 2020
Overview of ePhyto in 3 minutes

This video demonstrates the dynamics of the ePhyto Solution and the benefits it holds for both National Plant Protection Organizations (NPPOs) and Industry.

www.ephytoexchange.org
Why ePhyto?

- Reduces non-compliant certificates = More paper work rejections than pest finds.
- Eliminates inefficient paper processes = labor intensive.
- Reduces the re-issuance of paper phytosanitary certificates = tremendous cost in time and money with paper.
- Loss of commodities waiting for clearance.
- Reduces industry claims for late deliveries or bad quality.
- Improved security
- ePhyto protects legitimate trade.
  - Fraudulent certificates
  - Pest introduction

A 3-year survey showed non-compliant documents trigger a higher number of import rejections than actual plant health issues (harmful organisms)
The ePhyto solution

Hub
System to facilitate exchange of ePhytos between NPPOs
(via national systems or the GeNS)

GeNS
Generic ePhyto National System
Centralized web-based system to allow countries without their own systems to produce, send and receive ePhytos through the hub

Harmonized message
Uniform format, structure and accompanying codes and lists where applicable
ePhyto solution

Countries with National Systems
- Argentina
- New Zealand
- United States

UNICC

GeNS Countries
- Ghana
- Sri Lanka
- Samoa
What is an ePhyto?

- NOT a paper certificate
- NOT a scanned certificate
Paper Representations

Argentina certificate (from their system) Same certificate received from Argentina via ePhyto in US

Protecting the world’s plant resources from pests.

Standardized format leads to easier document review
## Country Participation – Hub and GeNS

### Actively Exchanging ePhytos – 41 Countries

- Argentina
- Brazil
- Chile
- Costa Rica
- Dominica
- European Union (EU)*
- Fiji
- Ghana
- Jamaica
- Mexico
- Morocco
- New Zealand
- Republic of Korea
- Samoa
- Sri Lanka
- United States

- **Underlined** countries are using the GeNS.
- More than 25,000 ePhyto certificates are generated per month.

* The EU can only receive ePhytos currently. However, the Netherlands can send and receive ePhytos.
# Country Participation – Hub

<table>
<thead>
<tr>
<th>Currently TESTING – 14 Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
</tr>
<tr>
<td>Cambodia</td>
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<tr>
<td>Canada</td>
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<tr>
<td>China</td>
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<tr>
<td>Colombia</td>
</tr>
</tbody>
</table>

- 20 other countries have expressed interest
## Country Participation - GeNS

### Currently TESTING – 19 Countries

<table>
<thead>
<tr>
<th>Antigua and Barbuda</th>
<th>Myanmar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burkina Faso</td>
<td>Niger</td>
</tr>
<tr>
<td>Cayman Islands</td>
<td>Papua New Guinea</td>
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<tr>
<td>Cook Islands</td>
<td>Saint Kitts and Nevis</td>
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<tr>
<td>Grenada</td>
<td>Saint Lucia</td>
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<tr>
<td>Guatemala</td>
<td>Saint Vincent and Grenadines</td>
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<td>Ivory Coast</td>
<td>Sao Tome and Principe</td>
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<tr>
<td>Mali</td>
<td>Senegal</td>
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<tr>
<td>Marshall Islands</td>
<td>The Gambia</td>
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<tr>
<td>Dominica Republic</td>
<td>Uganda</td>
</tr>
</tbody>
</table>

- Approximately 50 other countries: Africa, Caribbean, and Pacific Islands regions
- Online ePhyto training available – [https://training.ephytoexchange.org/](https://training.ephytoexchange.org/)
www.ephytoexchange.org

Online Video Training for GeNS

IPPC ePhyto solutions - Training platform

GeNS Training is now live
ePhyto Case Studies

9 ePhyto case studies were completed last year
• Grain
• Seeds
• Fruit

Case study reported savings due to ePhyto
• 1-2 days in time
• At least $25 US dollars per shipment just in mailing costs (DHL, FedEx, UPS, hand carry)

Example of two held shipments resolved by ePhyto
• Grain shipment
  • $36,000 saved
  • Shipment released within hours rather than days
• Pomegranate fruit shipment
  • Perishable shipment
  • Shelf life maintained
What’s Next with ePhyto?

ePhyto Solution – Hub and GeNS

- Exchange Notices of Non-Compliance
- Inspection findings
- Other government systems (Single Window, Customs, ASYCUDA, etc.)
- Industry systems
- Further collaboration with SPS agencies (OIE and CODEX)
- Further collaboration with non-phytosanitary agencies (CITES, Global Alliance for Trade Facilitation)
- Routine maintenance and enhancements
- Translation in other languages (GeNS)
Questions?