# Argentinian Phytosanitary Certification System

# CPM-9

# Personal Presentation

- Full name: Walter Fabián Alessandrini

- IT Project Leader of Senasa (National Plant Protection Organization of Argentina), including the Phytosanitary Certification System.

- ePhyto Steering Group member, created in 2013.

**Main Functions**

➢ The system maintains the regulations that have been imposed by the importing country NPPOs.

Regulations are maintained in a structure which allows the automation of the Phytosanitary Certificate filling out. In other words, it should allow the automation of the filling out of: Languages, Treatments, and Additional Declarations.

- ✓ All regulations are available to the public, through a web application.
  There are 3,549 valid regulations.

- ✓ The work required to obtain regulations is a difficult task, this work should make easier in order to guarantee the compliance of obligations specified in ISPM 12.

➢ Issue of Phytosanitary Certificates.

- ✓ Phytosanitary Certificates are required by exporters.
- ✓ They are approved and issued by the Argentinian NPPO.
- ✓ Web Platform.

➢ Tracking of all the information that support the Phytosanitary Certification.

**Secondary Functions**

- Payments management.
- Notes annexed to Phytosanitary Certificates (they contain non-Phytosanitary information).
- Certified copies management.
- Complementary certificates to re-export of seeds management.
- Growing season inspection certificates management.
- Lab analysis requests.
- Record of Lab analysis results and growing season inspection results.
- Statistics data.

**Phytosanitary certificates issue**

- 100% of the Phytosanitary Certificates are registered by the system from October 2012.
- They are registered either because they were created through the system (99.8%) or because they were created manually and then introduced to the system (0.2%) , this situation is due to the impossibility of generate the certificate through the system (system failures, power supply failures, internet service failures)

Issued Certificates in 2013:
Total: **138.996**
Manuals: 352

Issued Certificates from 01/01/2014 to 21/03/2014:
Total: **22.308**
Manuals: 49

**System users**

- External users: 11339

Authentication of external users is provided by the federal administration of public revenue organization.

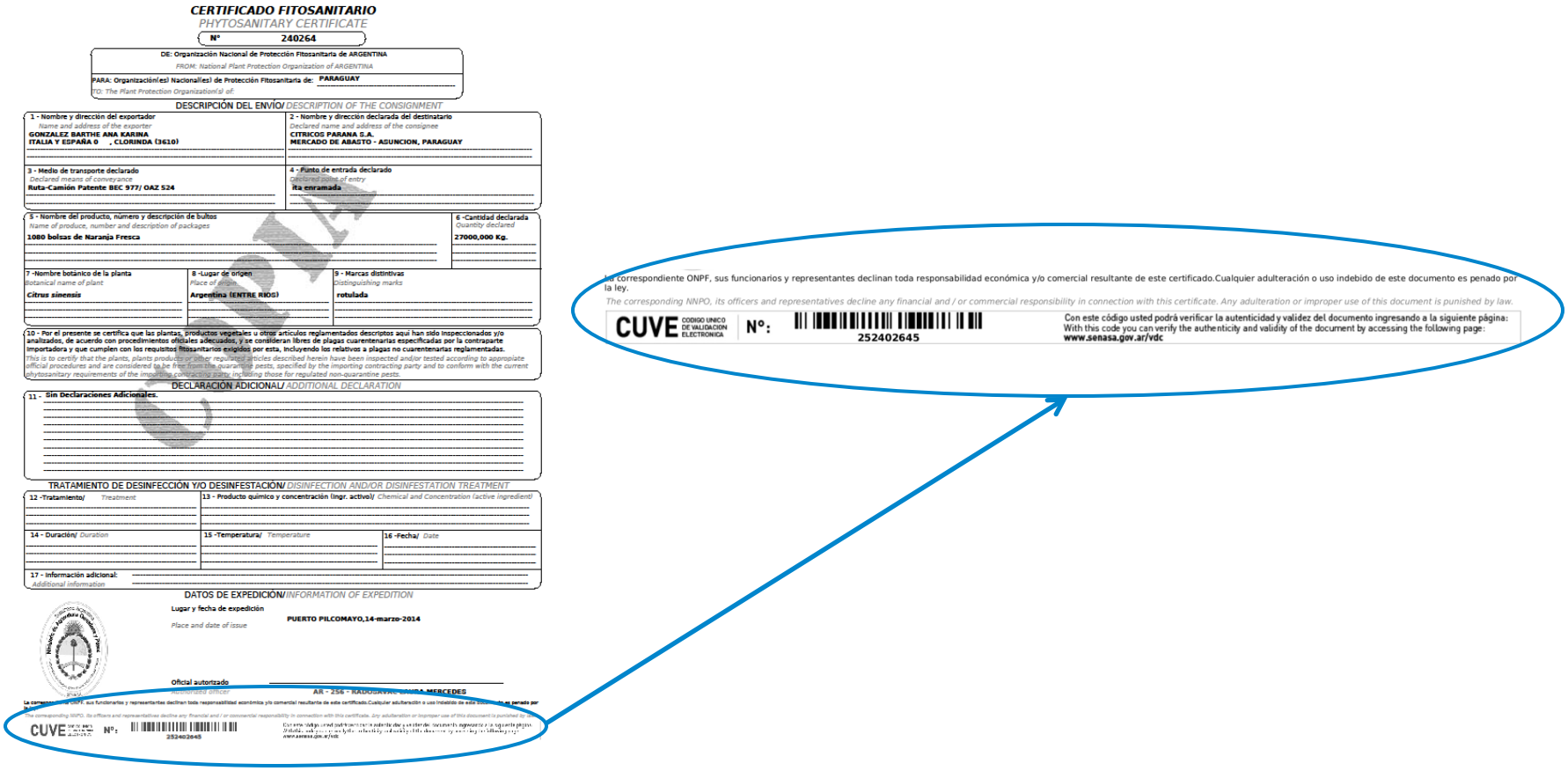
- Internal users: 654

- Offices where the phytosanitary Certification is done: 72

**Unique Code to Electronic Validation (CUVE)**

All documents issued by the Argentinian NPPO, including Phytosanitary Certificates, contain a Unique Code to Electronic Validation.
In order to validate a document is necessary going to http://www.senasa.gov.ar/vdc and enter the code, if the document is valid, then all data contained in the document will be displayed. If the document is not valid, a message that shows this situation will be displayed.

## Unique Code to Electronic Validation (CUVE)



**CERTIFICADO FITOSANITARIO**
*PHYTOSANITARY CERTIFICATE*
N° 240264

DE: Organización Nacional de Protección Fitosanitaria de ARGENTINA
*FROM: National Plant Protection Organization of ARGENTINA*
PARA: Organización(es) Nacional(es) de Protección Fitosanitaria de: PARAGUAY
*TO: The Plant Protection Organization(s) of:*

DESCRIPCIÓN DEL ENVÍO/ *DESCRIPTION OF THE CONSIGNMENT*

1 - Nombre y dirección del exportador / *Name and address of the exporter*: GONZALEZ BARTHE ANA KARINA ITALIA Y ESPAÑA 0 , CLORINDA (3610)

2 - Nombre y dirección declarada del destinatario / *Declared name and address of the consignee*: CITRICOS PARANA S.A. MERCADO DE ABASTO - ASUNCION, PARAGUAY

3 - Medio de transporte declarado / *Declared means of conveyance*: Ruta-Camión Patente BEC 977/ OAZ 524

4 - Punto de entrada declarado / *Declared point of entry*: Ita enramada

5 - Nombre del producto, número y descripción de bultos / *Name of produce, number and description of packages*: 1080 bolsas de Naranja Fresca

6 -Cantidad declarada / *Quantity declared*: 27000,000 Kg.

7 -Nombre botánico de la planta / *Botanical name of plant*: *Citrus sinensis*

8 -Lugar de origen / *Place of origin*: Argentina (ENTRE RIOS)

9 - Marcas distintivas / *Distinguishing marks*: rotulada

10 - Por el presente se certifica que las plantas, productos vegetales u otros artículos reglamentados descriptos 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 appropiate 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.*

DECLARACIÓN ADICIONAL/ *ADDITIONAL DECLARATION*

11 - Sin Declaraciones Adicionales.

TRATAMIENTO DE DESINFECCIÓN Y/O DESINFESTACIÓN/ *DISINFECTION 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*: PUERTO PILCOMAYO,14-marzo-2014

Oficial autorizado / *Authorized officer*: AR - 256 - RADOGAYNE-SANDA MERCEDES

la correspondiente ONPF, sus funcionarios y representantes declinan toda responsabilidad económica y/o comercial resultante de este certificado.Cualquier adulteración o uso indebido de este documento es penado por la ley.
*The corresponding NNPO, its officers and representatives decline any financial and / or commercial responsibility in connection with this certificate. Any adulteration or improper use of this document is punished by law.*

CUVE CODIGO UNICO DE VALIDACION ELECTRONICA N°: 252402645

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With this code you can verify the authenticity and validity of the document by accessing the following page:
www.senasa.gov.ar/vdc

## Unique Code to Electronic Validation (CUVE)

| | |
|---|---|
| *Nº* | 240264 |
| *Papel Oficial* | 169910 |
| *Para / To* | PARAGUAY ---------- |
| *Nombre y direccion del exportador* | GONZALEZ BARTHE ANA KARINA ITALIA Y ESPAÑA 0 , CLORINDA (3610) ---------- |
| *Nombre y direccion declarada del destinatario / Declared name and address of the consignee* | CITRICOS PARANA S.A. MERCADO DE ABASTO - ASUNCION, PARAGUAY ---------- |
| *Medio de transporte declarado / Declared means of conveyance* | Ruta-Camión Patente BEC 977/ OAZ 524 ---------- |
| *Punto de entrada declarado / Declared point of entry* | ita enramada ---------- |
| *Nombre del producto, número y descripción de bultos / Name of product, number and descritpion of packages* | 1080 bolsas de Naranja Fresca ---------- |
| *Cantidad declarada / Quantity declared* | 27000,000 Kg. ---------- |
| *Nombre botánico de la planta / Botanic name of plant* | Citrus sinensis ---------- |
| *Lugar de origen / Place of origin* | Argentina (ENTRE RIOS) ---------- |
| *Marcas distintivas / Distinguishing marks* | rotulada ---------- |
| *Declaración adicional / Additional declaration* | Sin Declaraciones Adicionales. ---------- |
| *Tratamiento / Treatment* | ---------- |
| *Producto químico y concentración / Chemical and concentration* | ---------- |
| *Duración / Duration* | ---------- |

**Challenges to Implement an ePhyto System**

1. The first challenge to achieve the implementation of an ePhyto system is counting with a system that allows to produce Phytosanitary Certificates. The ideal situation would be have ALL the certificates in the system.

2. Certificates should be structured in a way which can be mapped to the IPPC structure (schema). It is necessary to reflect data organized in an internal manner in the structure that the IPPC schema establish.

3. If we need to design a new system would be advisable to adopt the IPPC schema in an early stage, instead of designing an internal structure and then trying to convert certificates created under this schema to certificates that follow the standard schema.

# CPM-9

## Argentinian Phytosanitary Certification System

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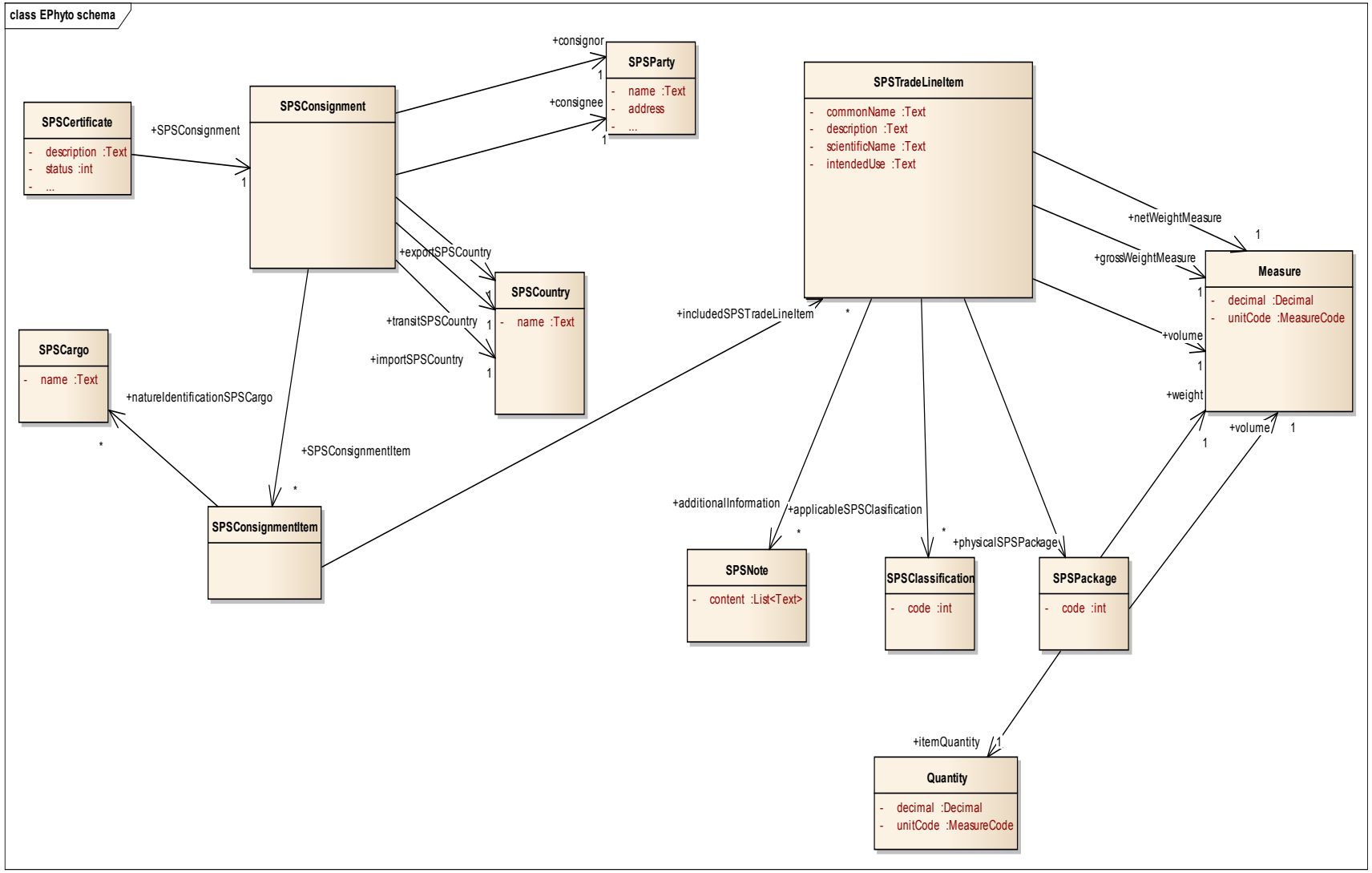

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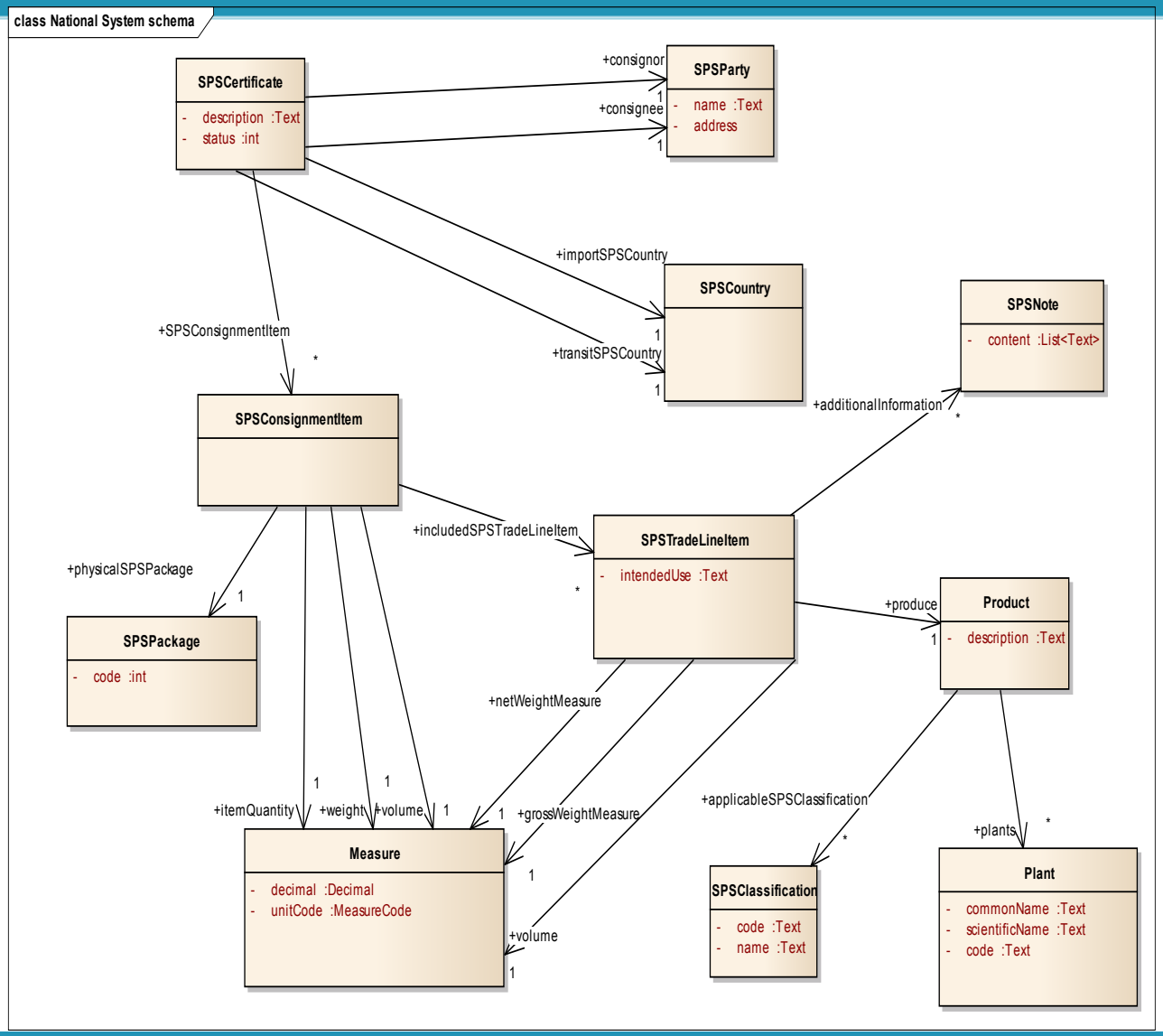

**Relationship between structures**

Examples:

SPSCertificate.consignor = SPSCertificate.spsConsignment.consignor

SPSCertificate.importSPSCountry= SPSCertificate.SPSConsignment.importSPSCountry

SPSCertificate.spsConsignmentItem.physicalSPSPackage.code= SPSCertificate.spsConsignment.spsConsignmentItem.includedSPSTradeLineItem.physicalSPSPackage.code

SPSCertificate.spsConsignmentItem.includedSPSTradeLineItem.intendedUse = SPSCertificate.spsConsignment.spsConsignmentItem.includedSPSTradeLineItem.intendedUse

## Challenges to Implement an ePhyto System

3. It is necessary to incorporate codes to the system. Possibly, could have incompatibilities with codes and terms used internally.

   This case is similar to the previous case, in other words, if we need to design a new system would be advisable to adopt the lists in the IPPC Web page in an early stage.

   They are:

   - ✓ Countries
   - ✓ Plants
   - ✓ Pests
   - ✓ Commodity class
   - ✓ Packages and packaging materials
   - ✓ Units of measure
   - ✓ Treatment types
   - ✓ Codex active ingredients

**Challenges to Implement an ePhyto System**

- ✓ Concentration, dosage, temperature and duration of exposure
- ✓ Additional declarations
- ✓ Trade and Transport Locations
- ✓ Modes of transport

In order to use codes, it is necessary a global understanding of the terms meaning which are associated to the codes.

4. It is necessary to develop a system that allows to send and receive ePhytos in an easy and agile way, as well as communicate the consignment state (revocation, rejection, entry confirmation of the consignment).

- ✓ The GUI (Graphic User Interface) could be similar to an e-mail GUI, that is, it could have sections for outgoing and incoming ePhytos, possibly organized by country.

## Challenges to Implement an ePhyto System

- ✓ In order to achieve the exchange, a Transmission Protocol is required, it should be transparent for the end user. Functionality should be the same, regardless of how it would be implemented.

- ✓ To develop the system, it is essential the standardization of the Transmission Protocol, it should be published by the IPPC. This would avoid the implementation of different transmission protocols in national systems.

- ✓ If a standardized protocol is published by IPPC, the countries which implement this protocol could exchange ePhytos without the need to make bilateral agreements or updates to their national systems in order to achieve the exchange.

**Futures extensions**

- Implementation of ePhyto system.
- Import.
- Re-export support.
- Integration with other kinds of certificates (GMO – Genetically Modified Organism, safety reports)

# Thank you

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