



UNECE – United Nations Economic Commission for Europe
UN/CEFACT – UN Centre for Trade Facilitation and e-Business

e-CERT

Sanitary and Phyto Sanitary Certificate

13 October 2015

WTO

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- UN/CEFACT introduction
- Position e-CERT in the supply chain
- Concept of e-CERT
- Limits
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- Developments



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UN/CEFACT – UN Centre for Trade Facilitation and e-Business

What is UN/CEFACT

- UN/CEFACT = United Nations Centre for Trade Facilitation and Electronic Business
- Objectives
 - Simple, transparent and effective processes for global business
 - Efficient and automated exchange of information
- Outputs
 - Global Trade Facilitation and Electronic Business Recommendations and Standards
- Means
 - Public Private Sector Partnership – over 300 experts from government and business
 - Meet virtually every week plus two Forums per year



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UN/CEFACT Mission

- UN/CEFACT's mission is to improve the ability of business, trade and administrative organizations, from developed, developing and transitional economies, to exchange products and relevant services effectively.
- Its principal focus is on facilitating national and international transactions, through the simplification and harmonization of processes, procedures and information flows, and so contribute to the growth of global commerce



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UN/CEFACT Objective and product

- Facilitate e-commerce and e-trade
- In cooperation with other bodies such as WCO, FAO, IMO , CITES, OASIS, W3C, GS1
- Recommendations
- Semantics (Core Component Library)
- Syntax (UN/EDIFACT and XML schemas)



Why e-CERT

Private Sector

- Speed up border clearance
- Reduce transaction costs
- Reduce administrative burden
 - Single assignment
 - Reuse of data

Government


- More efficient certification process
- Contributes to Risk based enforcement
- Reduced fraud (CODEX)
- Prerequisite to paperless



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e-Certification

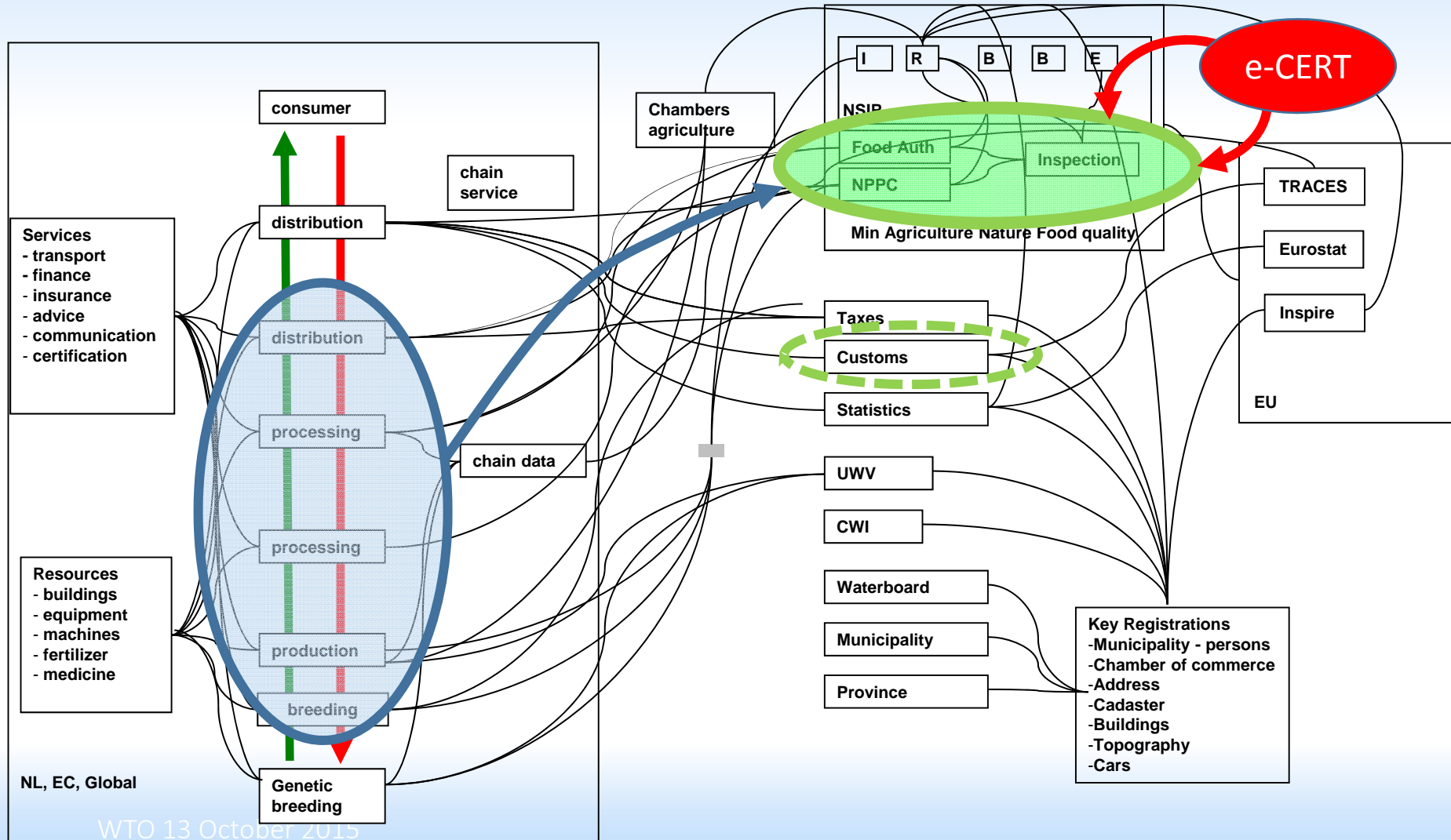
- Certification data
- Transmitted electronically
- Secure
- Authentic
- Non Repudiative
- Directly between Competent Authorities

1 Name and address of exporter		2 PHYTOSANITARY CERTIFICATE No. EC / NL /  ORIGINAL	
3 Declared name and address of consignee		4 Plant Protection Organization of the Netherlands Protection Organization(s) of	
5 Declared means of conveyance		6 Place of origin	
7 Declared point of entry		agriculture, nature and food quality	
8 Distinguishing marks, number and description of packages; name of product (botanical name of plants)		9 Quantity declared	
10 This is to certify that the plants, plant products or other regulated articles described herein: <ul style="list-style-type: none"> — 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 — are considered to conform with the current phytosanitary requirements of the importing contracting party, including those for regulated non-quarantine pests. 			
11 Additional declaration			
12 Treatment		13 Place of issue	
13 Chemical (active ingredient)		14 Duration and temperature	
15 Concentration		16 Date	
17 Additional information			

<Name>Phytosanitary certificate<Name>
<ID>EC/NL/04026805<ID>
<IssueDateTime>2011-07-20<IssueDate Time>
<IssuerSPSparty>
<Name>Plant Protection Organization
of the Netherlands<Name>
<RecipientSPSparty>
<Name>APHIS<Name>
<Description>Cut flowers<Description>
<ScientificName>Rosa spp.<ScientificName>



e-CERT position in the supply chain





Concept of e-CERT

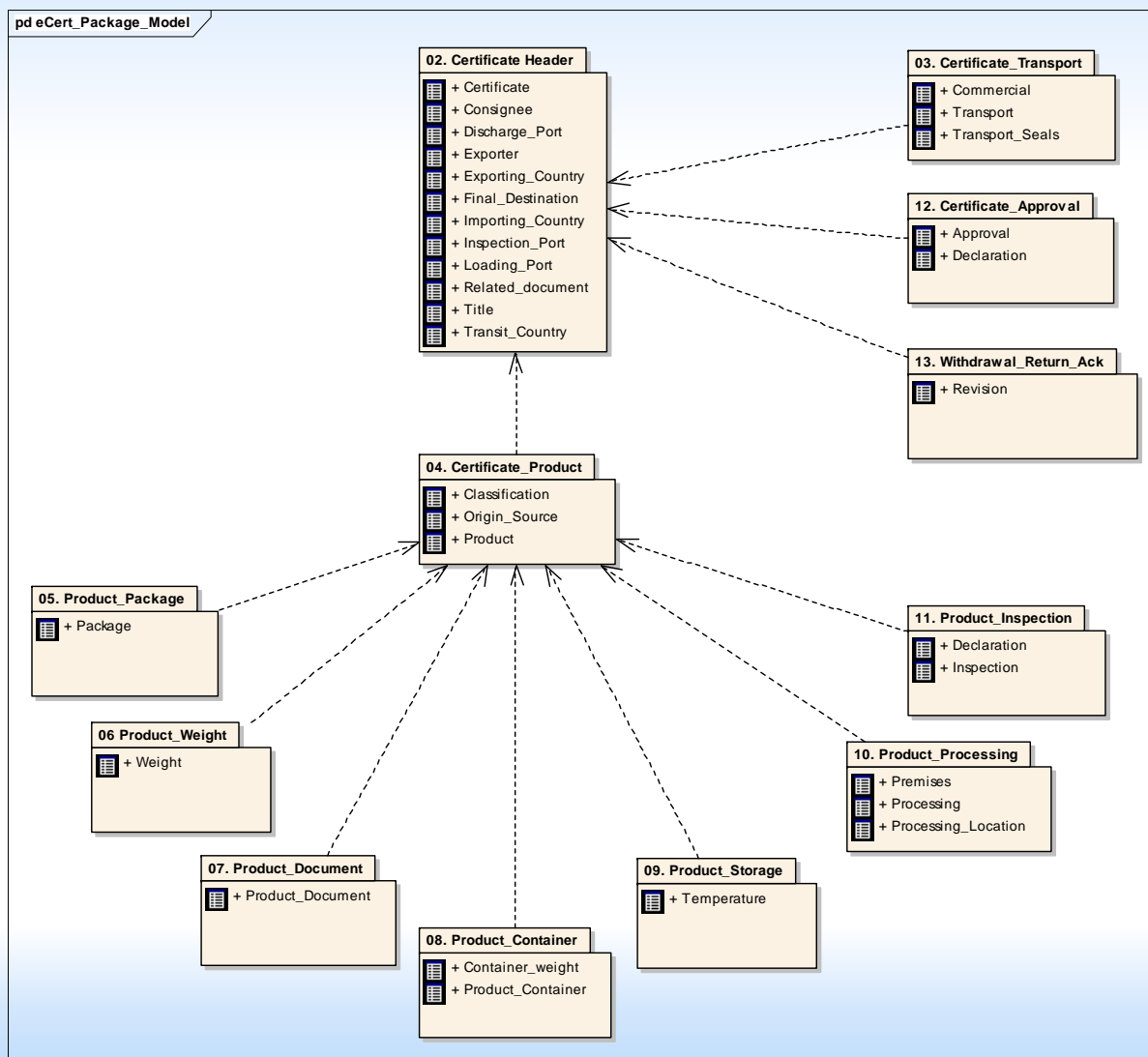
G2G Certificate.
Sanitaire certificate for
animals, animal products
plants and plant products.

OIE and IPPC regulations.

- Consignment
- Party
- Product
- Transport
- Storage
- Health status

Certificate based on
information extracted out of
the complete production chain

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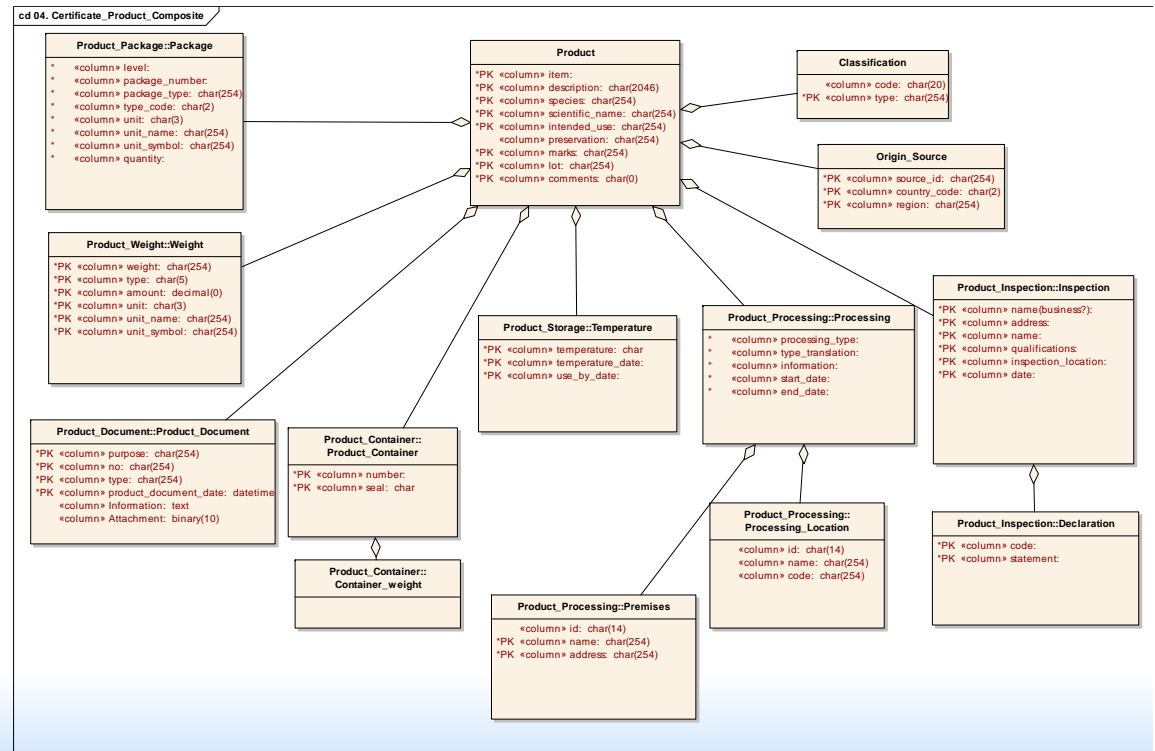




Concept of e-CERT

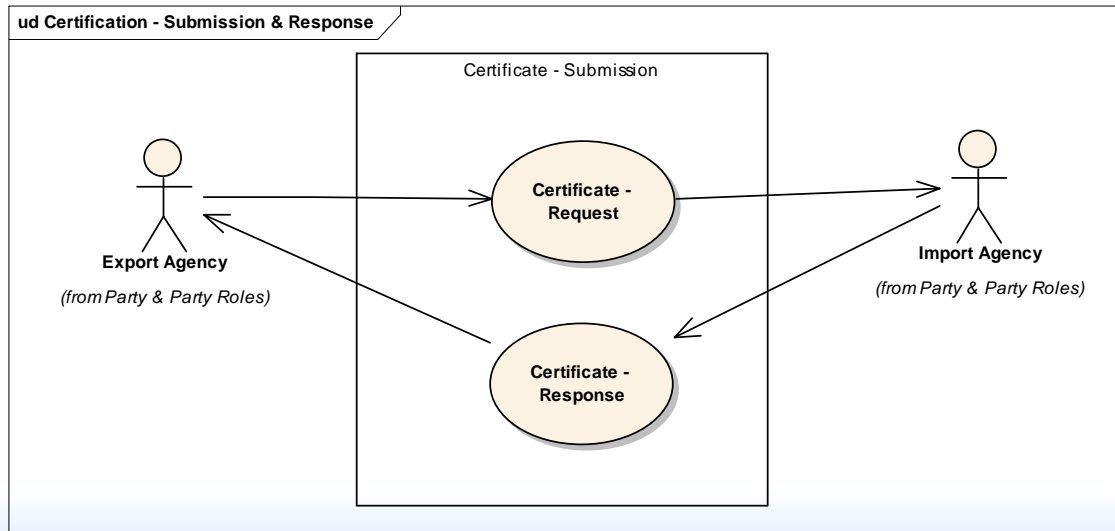
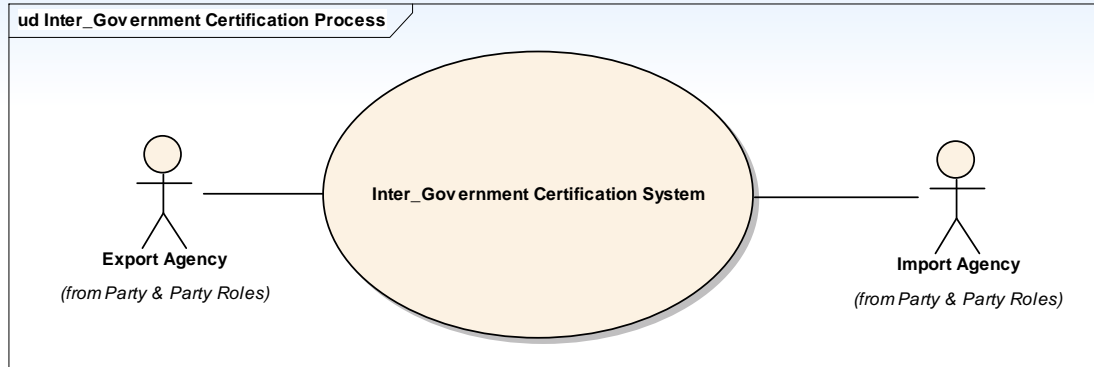
Certificate Product

- Packaging
- Weight
- Storage: Including temperature
- Container: Identification, Seal, Weight
- Processing: Location, Premises
- Inspection: Inspection Completed By, Declarations
- Document





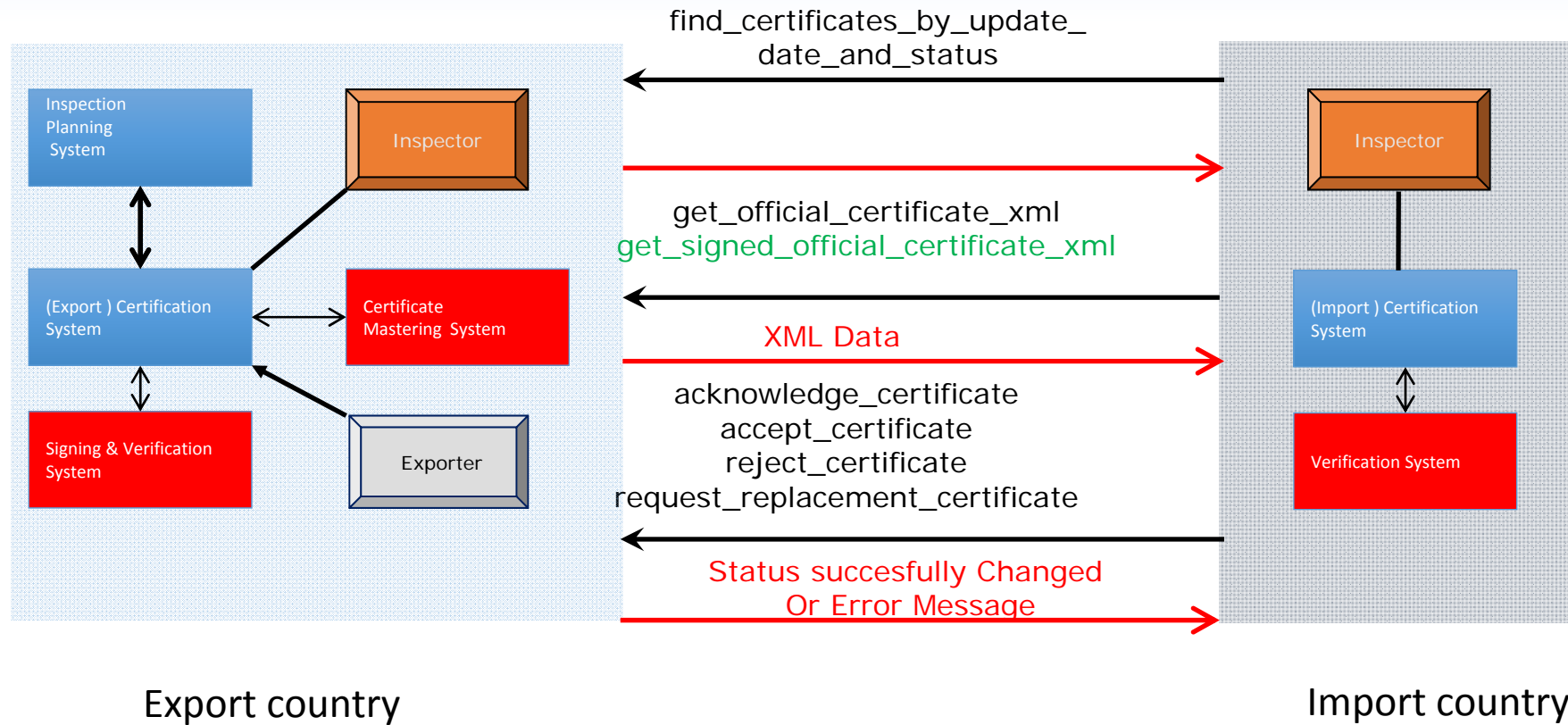
Party and process



- Raise
- Approve
- Request replacement
- ReSummit
- Replace
- Reject
- Cancel
- Acknowledge



G2G communication





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e-CERT

- Set of standard business information entities
- Set of messages
- Additional process agreements

- Exchange G2G
between
 - national food and/or plant protection authority
 - export country - import country



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e-CERT users (Bilateral)

Implemented

- China
- Australia
- Chile
- Kenya
- South Korea
- USA
- New Zealand
- Canada
- European Union
- Japan
- Malaysia
- Russia
- Jordan

Implementation stage

- Colombia
- Hong Kong
- Indonesia
- Mexico
- Peru
- Turkey
- Thailand
- Ecuador
- Phillippines

October 2015



e-Cert (Multilateral)

- IPPC ePhyto
- OIE encouraging e-Certification as
 standard for Veterinary Certification
- CODEX e-Certification recognised but need
 further implementation
- UNCTAD enabling Developing Countries
 to use e-CERT
- UNCEFACT using the Trade library at
 implementation at IPPC , OIE and
 CODEX



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e-CERT aligned with

- WCO data model and the UN/TDED
- Transport / shipping information (consignments)
- Coding of product and process



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Advantages e-CERT

- Up to date certificate
- Interaction between exporting / importing country
accept / reject / update
- Fraud and counterfeit prevention
- Support Single Window approach



Advantages e-CERT

- Improved process
- risk based inspection,
- scheduling, time to handle,
- reuse of information,
- data integration,
- chain integration:
B2B, B2G, G2G, G2B, B2B



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e-Cert not include

- The export process chain
- The import process chain

- e-Signature
- e-Archiving and reproducing

- Collaboration agreement between the countries



documentation

- Business Requirement Specification
- Requirement Specification Mapping



- XML schema
 - SPS Certificate
 - SPS Acknowledgement
- Implementation guideline
- Handbook (under construction)

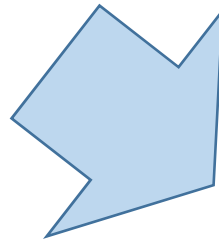


- National implementation



Developments in agro food

- Sustainability
- Food safety
- Market access



- Traceability
- Transparency



Traceability and Transparency

- Party
 - Identification
 - Information
 - Product
 - Identification
 - Description
 - Process
 - Location
 - Date/time
- Who
 - What
 - Why
 - Where
 - When



Developments in the agri food domain

- Standard messages :
 - e-CERT phyto and veterinarian sanitary certificate G2G
 - e-Daplos, e-CROP, agro product information message B2B
 - Animal identification and e-Animal passport G2G
 - Dispatch advice (batch number, identification) B2B
 - e-LAB laboratory observations report B2B, B2G, G2G
 - FLUX Fishing monitoring and reporting G2G
 - Track and Trace Animals (and Plant and Product) B2B, B2G, G2G
- Coding
 - Product (EPC, Codex Alimentarius)
 - Location and Party identification (GLN, Blue number,)
- Certification
 - Authority, NGO, Private business (GlobalGap, Organic , Sustainable, CITES, Standard Maps ITC ...)
- Integration of domains
 - e-Invoicing (in fish, cutflowers, fresh fruits and vegetables)
 - Transport and location (GN codes – GS1)
 - CITES e-permits
 - WCO datamodel III and IV
 - Production, Trade and Retail

UN/CEFACT

SIMPLE, TRANSPARENT AND
EFFECTIVE PROCESSES
FOR GLOBAL BUSINESS

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