



CLIENT



electronic Certification

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Netherlands Food & Consumer Product Safety Authority

Agency of the Ministry of Economic Affairs (includes Agriculture)

Management Team Client Service Division

Senior Responsible Officer Electronic Certification Systems

- Governance
- Maintenance
- (Inter)National Future Developments
- Integrity
- Performance
- Financial management



Content

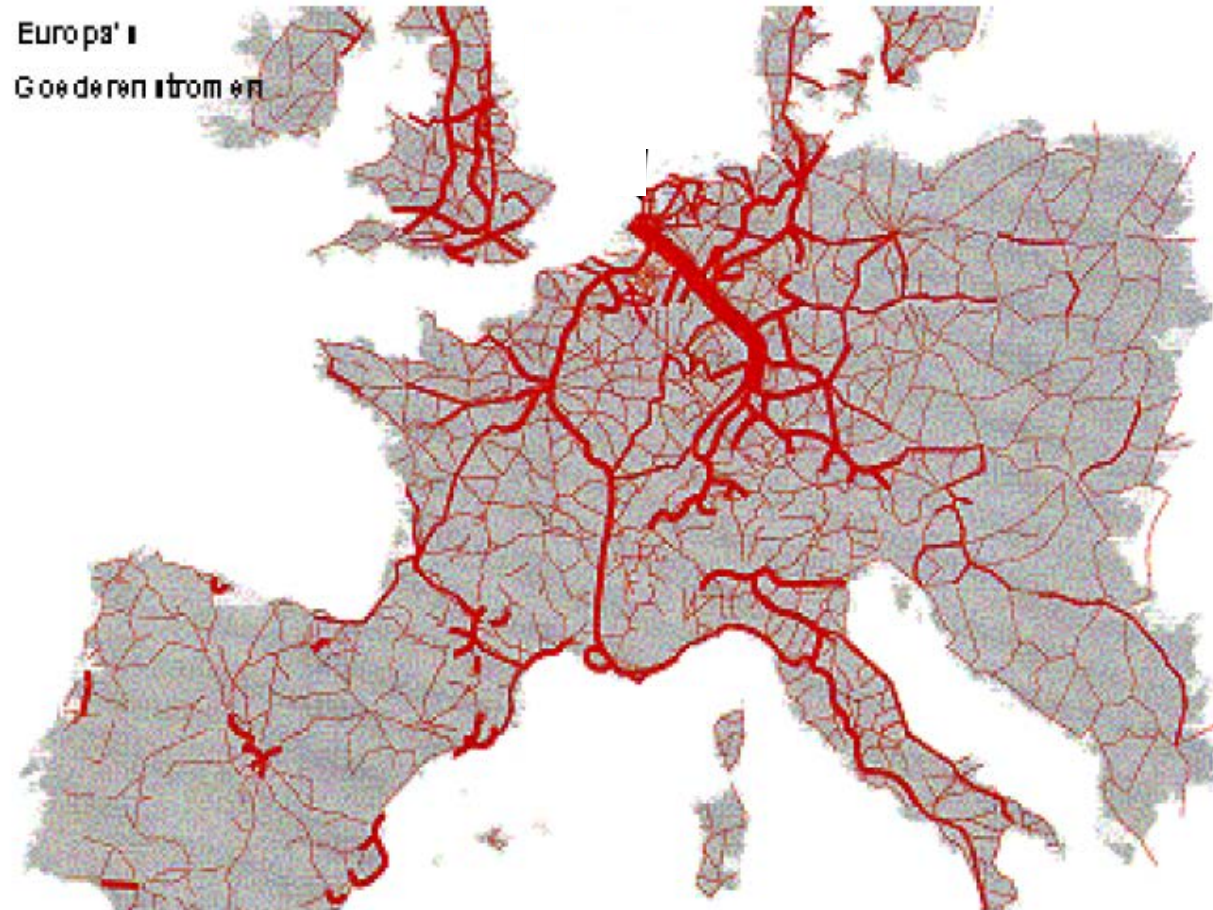
- The “Why” of Electronic Certification
- What we did
- The national IT-tooling (CertNL)
- “What” is considered electronic certification
- “How” does Electronic Certification works
- What we have to do



The “Why” of Electronic Certification



Flow of goods in Europe





Why?!

Private Sector

- Speed up border clearance
- Reduce administrative burden
 - Single assignment
 - Re-use of data

Government

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



How we work (paradigms)

- Use (defacto) standards
- Improve and integrate proven solutions
- Open systems (support for multiple standards)



CLIENT Program (Certification of Agricultural Goods at Import and Export to a new future)

“Smarter Inspections by Smarter Communication”

- Import (2002-2004)
- Export (2004 -2014)
- eCertification (2010-20xx)



CertNL

- Electronic support system for import and export certification
- Application of certificates
- Decision support for de certifying Inspector
- Automated production of certificates
- Electronic messages
- Signing en Verification
- Information Tool for Policy Making
- Source for Open Data

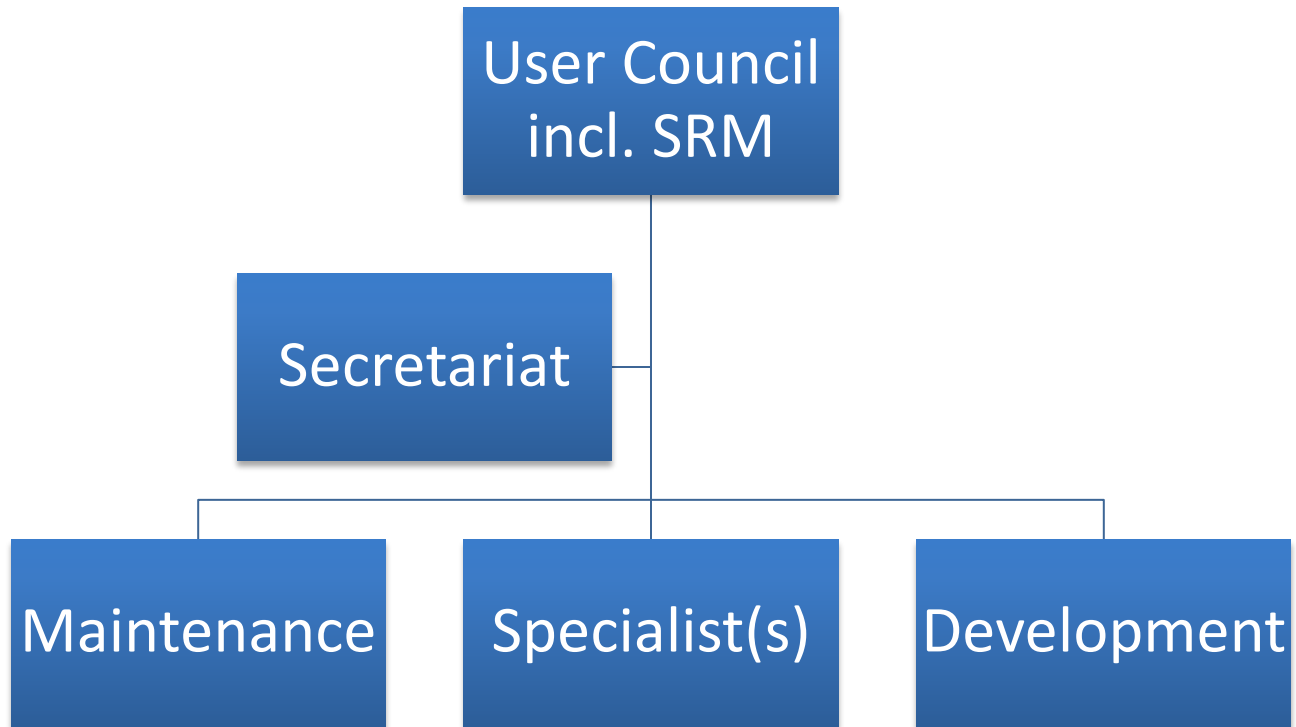


Easy?!

NO!

disinvestments
complexity
legislation

if NL doesn't who will?!



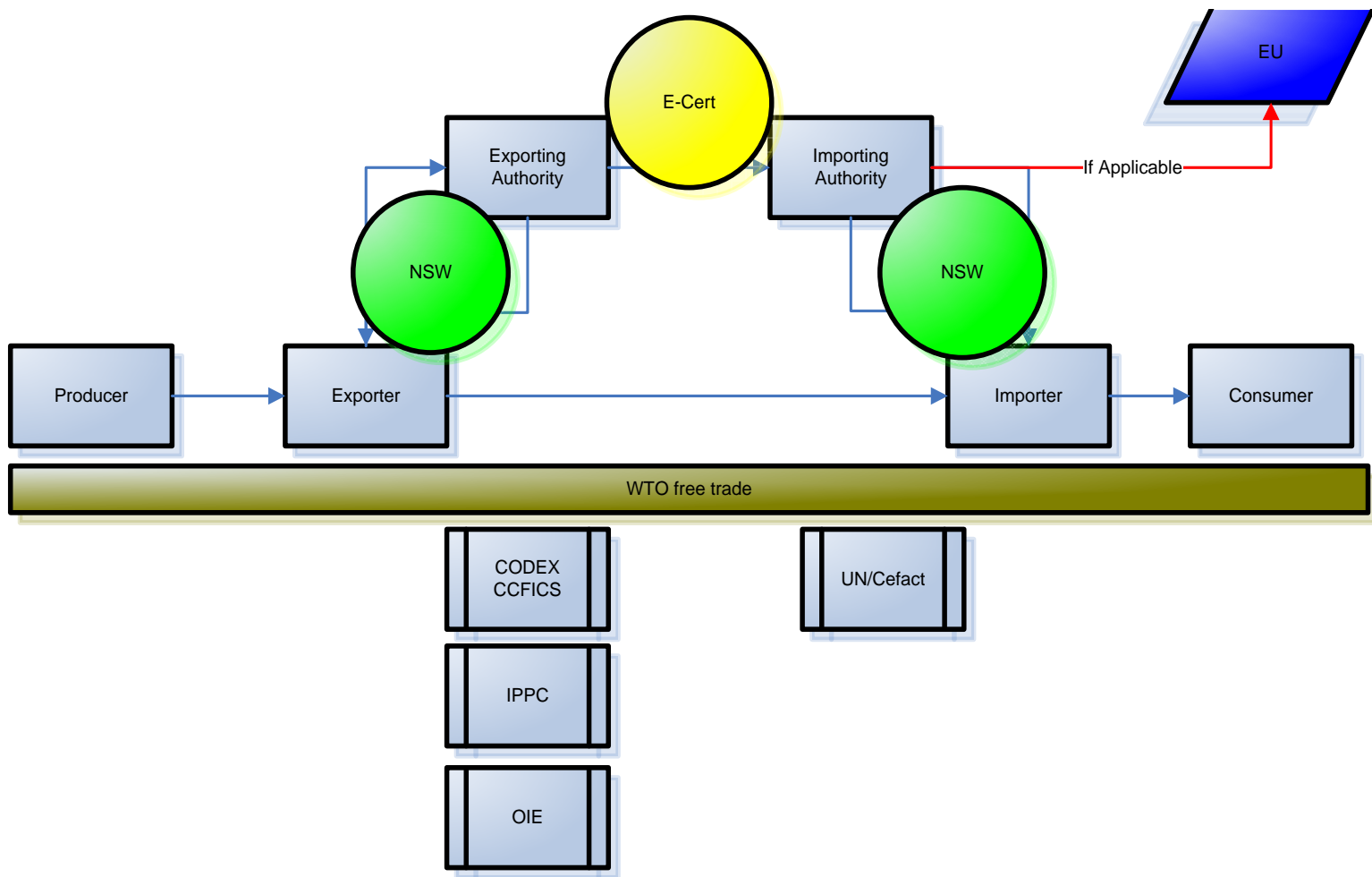


Governance CertNL

- Users Council
 - Financial management
 - Future perspectives
- Change Advisory Boards
 - Requests for Change
 - Service Level Agreement
 - Dossier Accepted Procedures

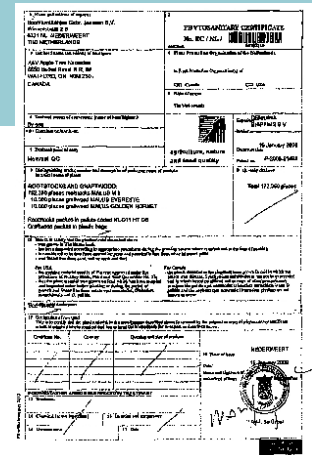


What is considered
to be eCert





Electronic Certificate



An electronic certificate is the electronic equivalent of a paper certificate, containing the same information and giving the same guarantee





What is Electronic Certification



- Certification data
- Transmitted electronically
- Security
- Authenticity
- Non Repudiative
- Directly between Competent Authorities



How does Electronic Certification work?



- XML language, communication between computer systems
- All certificate elements in the XML message
- Secure transmission 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 to Plant Protection Organization(s) of	
6 Declared means of conveyance		5 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: — 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			
DISINFESTATION AND/OR DISINFECTION TREATMENT 12 Treatment		18 Place of issue	
13 Chemical (active ingredient)		14 Duration and temperature	
15 Concentration		16 Date	
17 Additional information			

This certificate is to be used only with official requirements of the Plant Protection Organization of the Netherlands.

<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>



Electronic Signature (Digital Evidence)

- Authentication
- Integrity
- Non-repudiation

In any step of the lifecycle



Role of the Netherlands (NVWA)

- Facilitator (Developing countries with large Trade)
- Capacity building (IPPC/OIE/CODEX, UNCTAD)
- Peer Advisor
- Solution Provider
- Innovator



What we have to do

- Consumers
 - reliable
 - details
 - clear
- Business
 - simple
 - fast
 - correct
- Government
 - reliable
 - complete
 - timely



WHAT we have to do

share ideas!!

minimalizing transaction costs
standardization
harmonization
interoperability



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