



## Netherlands Food and Consumer Product Safety Authority

(NVWA)

Ir. C.J.M. (Joost) van Wijk Manager Provision of Services

**Electronic Certification** 

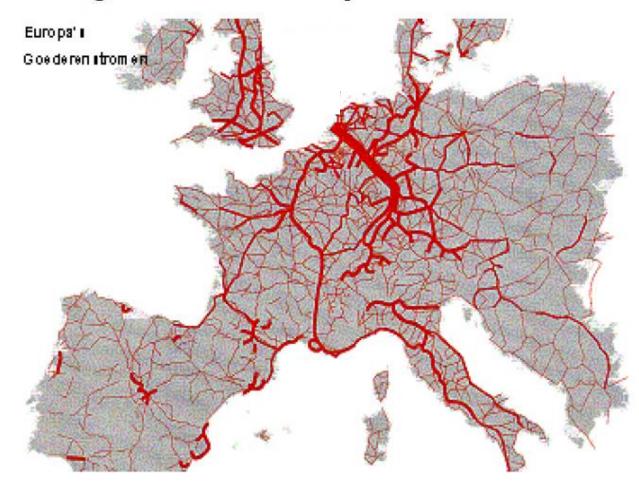


### Content

- The "Why" of Electronic Certification
- The national IT-tooling (eCert-NL)
- Figures
- "What" is considered electronic certification
- "How" does Electronic Certification work
- International projects (eCert)



### Flow of goods in Europe





## Figures Agri-Food Import

(covered by certificates)

- Annual turn over € 2,5 billion
- 250.000 import certificates
- ± 100 countries



## Figures Agri-Food Export

(covered by certificates)

- Annual supported turnover € 15 billion
   (€ 81 billion incl. EU common market)
- 600.000 certificates
- ± 180 countries



### Contributions

#### **Private Sector**

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

#### Government

- More efficient certification process
- Contributes to Risk based enforcement
- Contributes to Food Security
- Reduces fraud (CODEX)
- Transparancy



### e-Cert.NL

- Electronic support system for import and export certification
  - Application of certificates
  - Decision support for de certifying inspector
  - Automated production of certificates
- Electronic messages
- Signing and Verification Module
- On line Verification module (reference number)



# What is considered to be e-Cert



### **Electronic Certificate**

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

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## How does Electronic Certification work?



- XML language, communication between computer systems
- All certificate elements in the XML message
- Secure transmission between Competent Authorities

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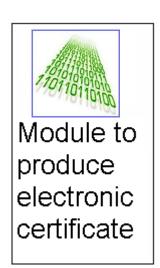
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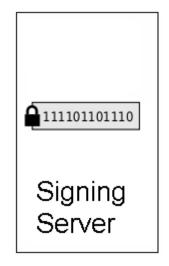
17 Additional information

### Exchange mechanism







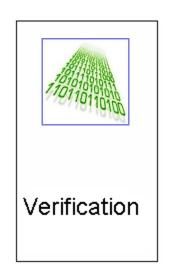


Certificate Mastering System

Electronic certificates issued in Exporting country









National system import



Electronic certificates received in Importing country



## What can you do with e-Cert data

- Print the eCert data and compare with the data in the Paper certificate
- 2. Use the eCert data in the Import System to support the Import Process
- 3. Process the eCert data in the Import System to perform automatic checks and risk analysis
- 4. Use the eCert data in the Import System as an legal alternative for paper (paperless)



### Difficult & Expensive?

Yes, understanding the details of the concept (only once) No, common technology and standards available

Yes, the first bilateral implementation (investment) No, UNCEFACT standardization drops costs



## e-Certification (Bilateral)

- Australia
- Belarus
- Chile
- China
- Colombia
- Indonesia
- Hong Kong
- Kenya
- Peru
- Russia
- South Korea
- USA



## e-Certification (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
- UN/CEFACT Using the Trade library at implementation at IPPC, OIE and CODEX. Guidelines for implementation



## Questions?

www.e-cert.nl

