



ELECTRONIC DOCUMENTS IN TRACES

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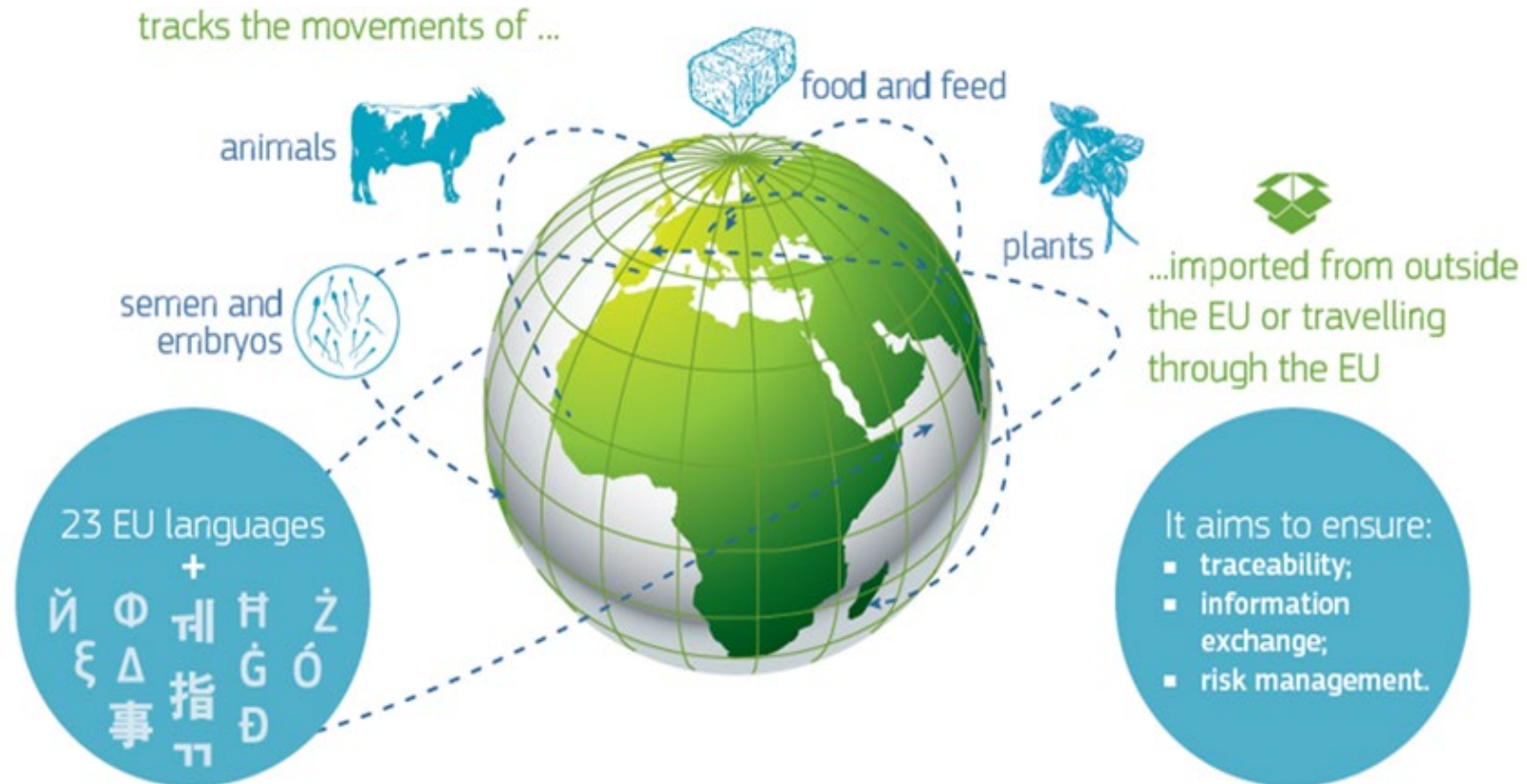
- Type of electronic documents in TRACES
- Statistics
- EU requirements to issue electronic certificates
- Challenges



European
Commission

- SPS certificates required for:
 - EU imports of live animals, animal products, food and feed of non-animal origin and plants;
 - intra-EU trade in live animals and certain animal products.
 - EU exports of live animals, certain animal products and plants
- border clearance documents
 - live animals,
 - animal products,
 - food and feed of non-animal origin,
 - plants;
- Electronic capacity available in TRACES-NT

Type of documents in TRACES



Statistics (1)



- Phytosanitary certificates to the EU
 - 5 French overseas territories since 14 Dec. 2019 (100% in electronic format) – 210 per month
 - Tunisia since April 2020 (100% in electronic format since 16 March 2021) – 380 per month
 - Ephytos from 13 non-EU countries connected to the IPPC Hub: 35000 per month – Kenya 12000, Morocco 11700, USA 3800*, Chile 3500, Costa Rica 2700, Uganda 1000, Argentina 800*, New Zealand 700*
- Phytosanitary certificates from the EU
 - France to US, Chile, Argentina – 220 per month (100% in electronic format since early February 2021)
 - Malta – 9 per month (paper format)



- Official sanitary certificates to the EU
 - Electronic capability available since May 2020 (no paper certificate required at EU borders);
 - 450 per day from 54 non-EU Countries
 - > 6% e-certificates mainly for fishery products
 - Uruguay/Morocco (2020), Peru/Iceland (2021)
 - per month: Morocco 1800*, Iceland 430*, Uruguay 420*, Peru 340*
 - enrolment ongoing for the other non-EU countries



Electronic signature capability at EU Border Control Posts

- Electronic capability available since end of December 2019;
- A third of Member States authorities are signing CHED-A-P-D electronically;
- Half of Member States authorities are signing CHED-PP electronically;
- In January 2021,
 - 40% of CHED-A
 - 28% of CHED-P
 - 54% of CHED-PP
 - 20% of CHED-D are signed electronically.

EU requirements to issue electronic certificates



- IMSOC and eIDAS Regulations (EU standards for e-signature and e-seal)
- In TRACES
 - Electronic signature of authorised officer
 - Advanced or qualified electronic seal of the issuing authority
- In exchange with TRACES
 - Advanced or qualified electronic seal of the issuing authority

Administrative challenges



- In TRACES
 - assurance level regarding certifying officers' identity proofing
 - assurance level regarding issuing authority legal representative's identity proofing
 - Minimum requirements for advanced or qualified e-seal
 - Can be problematic for some non-EU countries
- In exchange with TRACES
 - assurance level regarding issuing authority's digital signature certificate
 - EU: eIDAS rules apply so in principle no issues
 - Non-EU: need to meet some criteria for assurance level "equivalent to eIDAS requirements"

Technical challenges



- In TRACES
 - Delegation of use of e-seal to certifying officers
 - E-seal "manager" and e-seal "users"
 - E-seal "manager" activates the e-seal and assigns the "users"
 - Delegate use of e-seal in a hierarchical fashion (e.g. border control posts use the e-seal of the central authority)
- In exchange with TRACES
 - From all connected country systems
 - Meeting technical requirements for Advanced / Qualified e-seal
 - From non-EU country systems:
 - Signing certificate is typically issued by a TSP outside "EU trusted list"
 - technical requirements met?

TRACES

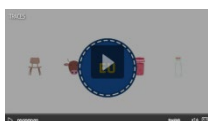
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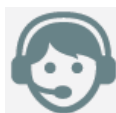
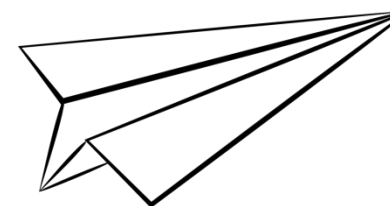
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