

AgriXchange WP4

Use case Animal registration

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Background-1

-Eu regulation 1760-2000 : bovine traceability with two objectives : veterinary and product

- Animal passport : only national requirements for passport format
- National Identification and movements databases : databases are similar with differences, 27 national databases, no EU database

-Importance of live animal exchange within EU



Background-2

-Requirements when an animal is moving within EU, from one country to another

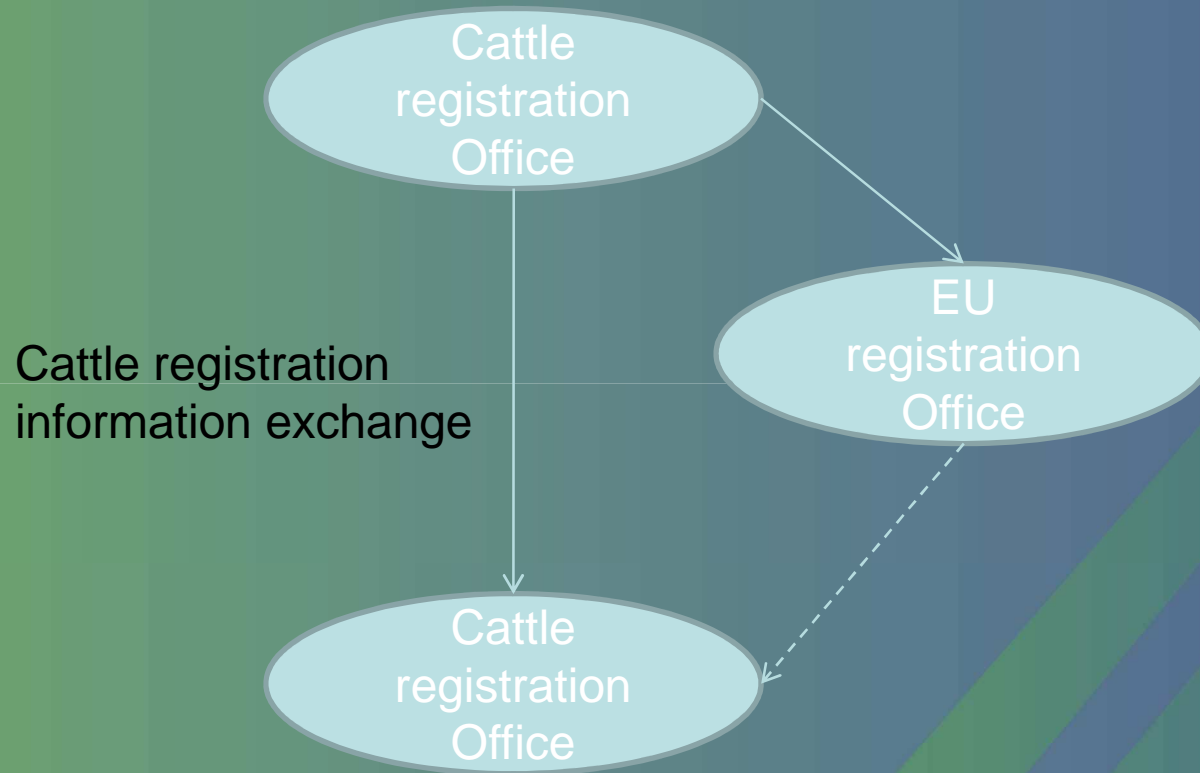
- the passport follows the animal and must be returned to national authorities of the origin country
- transmission of passport to national authorities of the origin country after slaughtering
- Veterinay certificate has to be transfered in TRACES system

-Difficulties in translating passport when animals move from one country to another

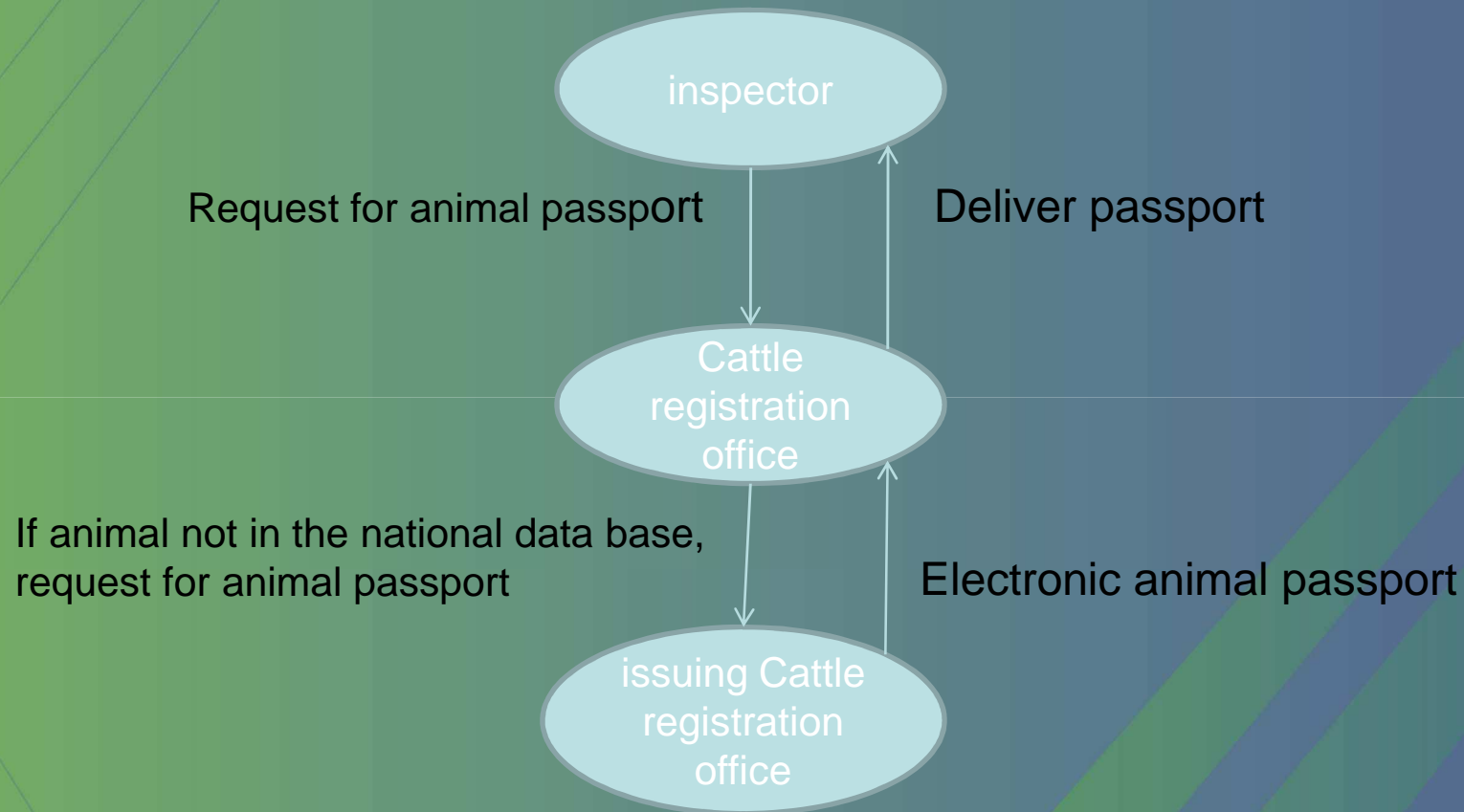


Use case scheme :

cattle registration information exchange diagram (intent to export and import)



Use case scheme : animal passport diagram



Parties involved

-Actively involved parties

- Holders
- National ou regional registration office
- Authorities
- Veterinarian inspector

Other stakeholders:

- European Union
- Retail
- Consumer



Relevance : countries and Agri-sector

- For Countries : all EU countries

But interest of developing specific message can differ in different countries

-For Agri-sector :

- to facilitate data exchange
- to get through the limits of papers and differences of languages
- To keep animal traceability during intra-EU exchanges
- To speed up the transmission of notification information
- Another interest : dematerialisation of passport (ex : BOVEX project)



Bottlenecks for harmonization

- Passports depend on countries
- Protocol to exchange be accepted in all the countries and connected to national data bases
- All international data exchanges about animal based on paper documents
- No widely accepted standards on the European level for data exchange
- Commonly used standards are very limited in support of animal data

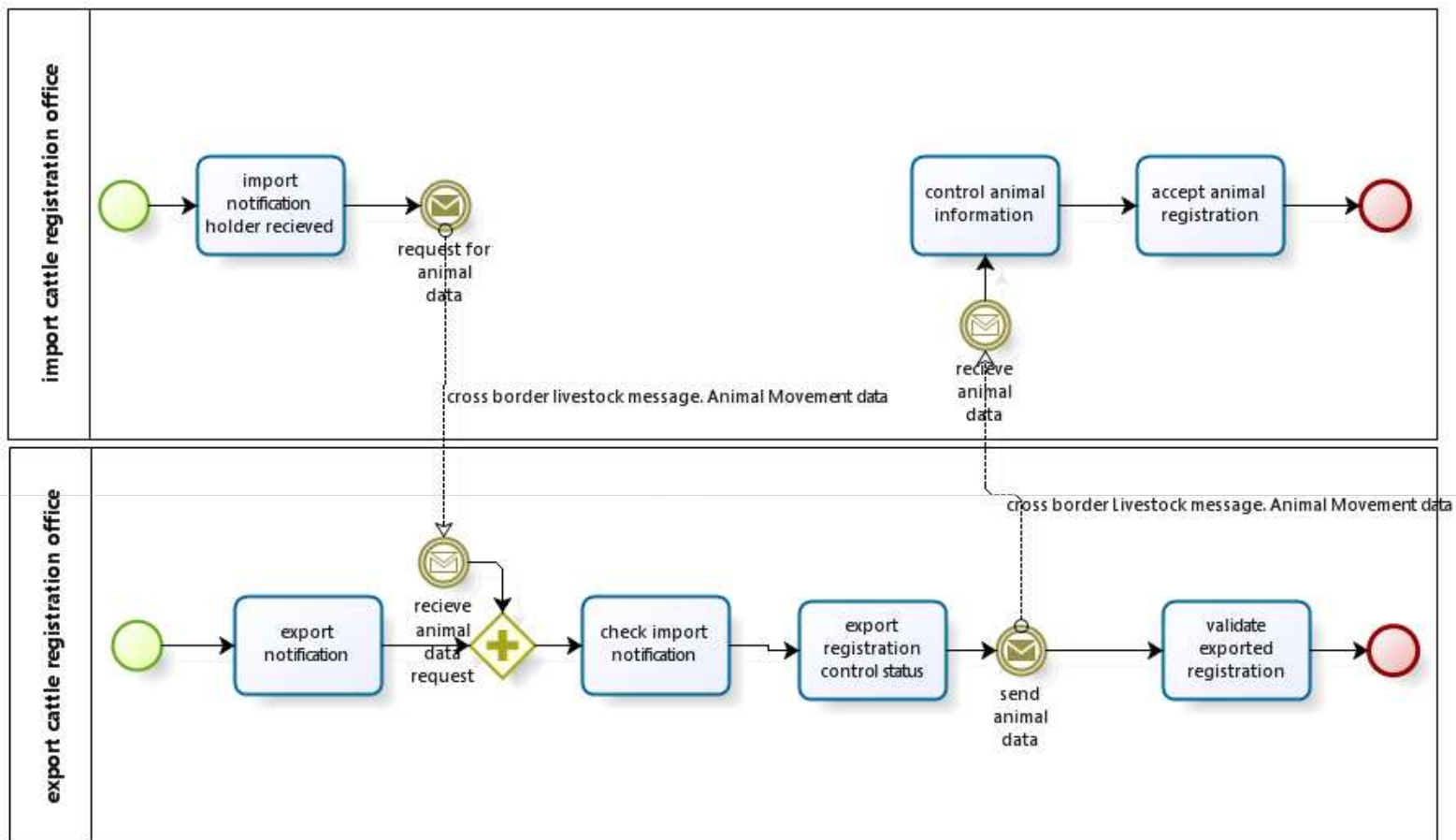


Recommendations and solutions for harmonization

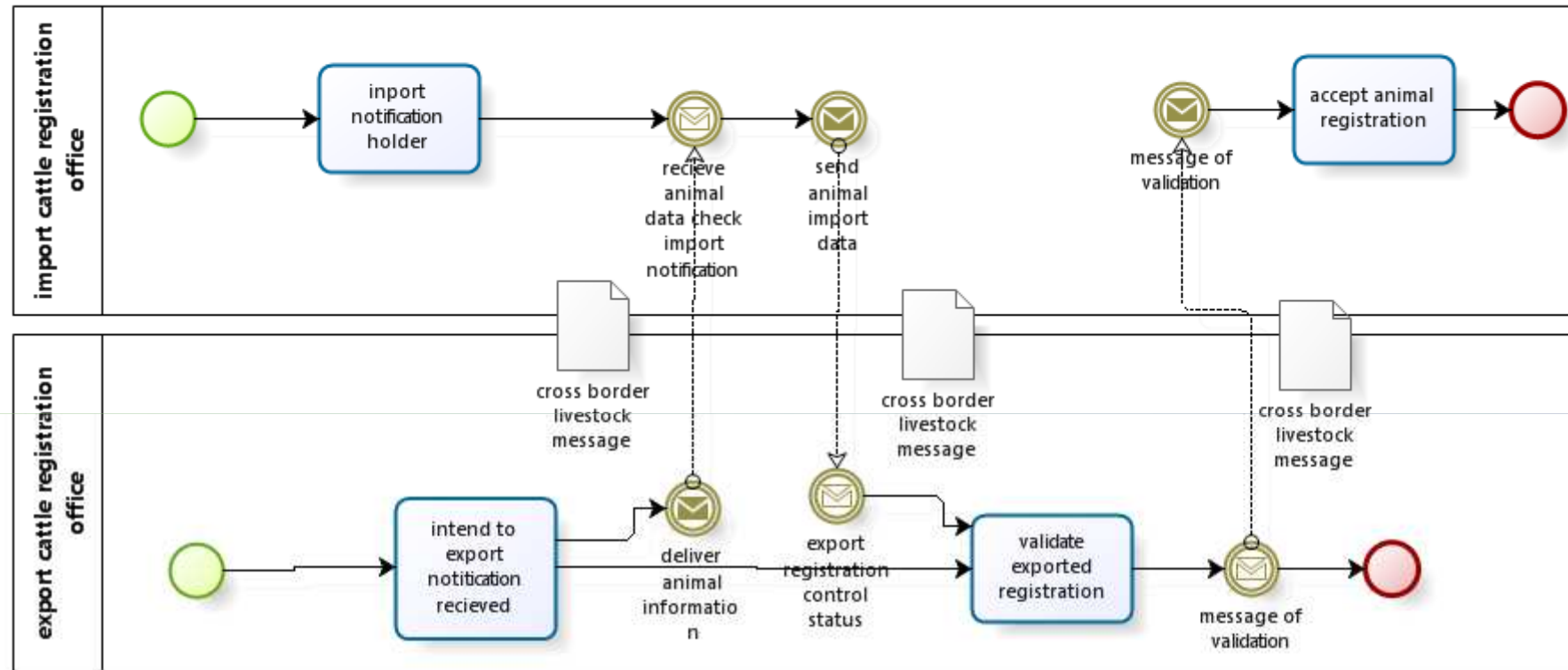
- Harmonisation of some relevant code lists : begun for some aspects by ICAR organization
- Take care of the animal identification number
- Data exchange based on a well-known standard like UN/CEFACT
- To implement, not a point to point system but an adapted network like a hub.



BPMN diagram of the import notification



BPMN diagram of the intent to export



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network for data exchange in agriculture

BPMN diagram of the electronic animal passport

