



Better Training for Safer Food Initiative

Training course on "Animal Welfare during transport"

Title of the presentation: • **Bovex Project**

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Slovenia/Italy, 24-27 June, 2014

The BOVEX Project

Background

- Provide a multilateral exchange for electronic passports between national authorities
- Verify correctness of transmitted passport data
- Link with TRACES for transaction verification (legality and correctness)
 - Traces Certificate number mandatory in BOVEX
 - Traces Certificate Existence and syntactic correctness

Objectives

Regulation (EC) No 1760/2000 requires paper passport at least for movements of bovines between Member States

 **SERVIZIO VETERINARIO - DOCUMENTO DI IDENTIFICAZIONE**
INDIVIDUALE PER LA SPECIE BOVINA

02980951 / 08 

REGIONE SICILIA AZIENDA U.S.L. A.S.L. CATANIA

CODICE AZIENDALE ⁽¹⁾
IT 003 CT 002 *Codice Progetto* ⁽²⁾ *Codice controllo BDN* 981155G325

CODICE A BARRE (matricola dell'animale)


Detentore (Cognome e nome) BONACCORSO GIUSEPPE Cod. Fiscale BNCGPP36R22A026K

Proprietario (Cognome e nome) BONACCORSO GIUSEPPE Cod. Fiscale BNCGPP36R22A026K

ESTREMI IDENTIFICATIVI DELL'ANIMALE

Marca Auricolare IT087990033178 *Identificativo elettronico* ⁽³⁾ Sesso(M F) M Data di nascita 01/01/2012

Marca della madre ⁽⁴⁾ IT087370000116 Razza METICCIO/INCROCIO

Embryo Transfer ⁽⁵⁾ N Marca madre genetica

Marca Precedente ⁽⁶⁾ Codice paese d'origine IT Data ingresso in stalla 01/01/2012

CODICE A BARRE (razza, sesso e data di nascita)


Data di rilascio 09/09/2013

Passaporto stampato da:

Objectives

- **BOVEX database collects information about passports and bovine movements between the UE countries (BOVEX project partners)**
- **Using the BOVEX web services, published from DG-SANCO team developer, the national developers can be integrate the results obtained in their national databases, improving and increasing the process automation in their web applications**

The first pilot phase (2008)

- **With the participation of BE, LU, DE, AT, IT**
- **Provide data for test**
- **Verify the flows of data in animal exchange**
- **Provide any remarks, issues, suggestions to EC (SANCO)**
- **Participate in interim and follow-up meetings**
- **Provide feedback for the report and conclusions**

History

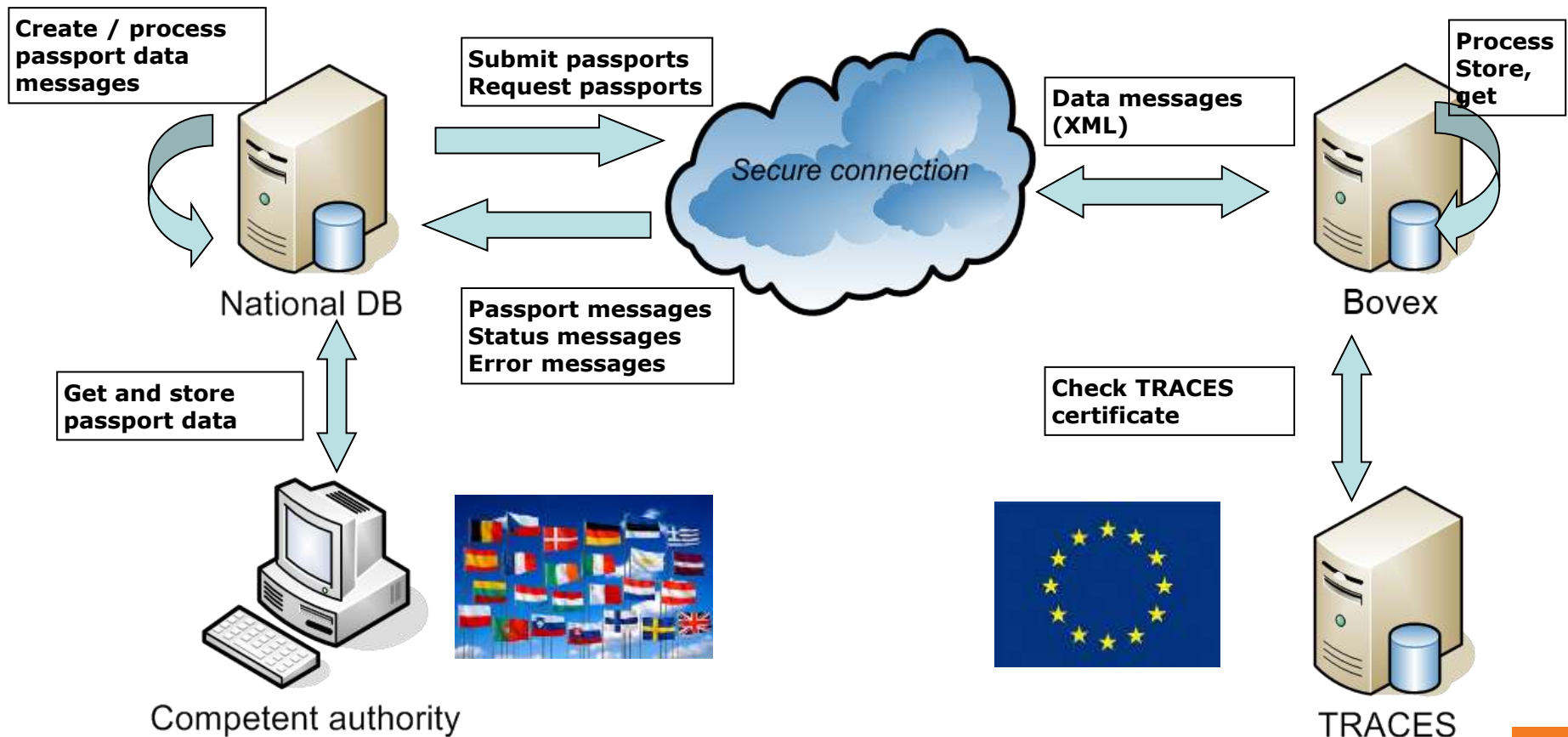
- **In recent years, the DG-SANCO team organized a series of meetings between experts of EU countries in the matter, aimed at defining the procedures and content for the automation of the intra-Community trade in bovine animals**
- **During 2012, DG-SANCO has defined the data structure, web services and documentation required based on the observations and comments of the partners involved in the project**

Functionalities

The principal functionality are three:

- **submit** – to send into BOVEX the outgoing movements of bovine to other countries
- **retrieve** – to receive the animals data from BOVEX database
 - * only if the partner has sent to BOVEX the outgoing movement of the animals (using submit method)
- **acknowledge** – to confirm the correct receipt of the information and to confirm the correct registration of the animals into the national database

Data Flow



History

- Finally in March 2013, the **Italian** and **Spanish** technical teams met in Brussels at the headquarters of DG-SANCO team to agree and establish criteria and protocols in order to kick off the testing phase between the two countries
- The experience gained in the short period of test and the exchange of information and views between the Spanish and Italian teams have made it possible to collect useful information for the development of the software modules for the management of the flow of data exchanged in routine of the final phase

Experience

Italy, in its web application for bovine database managing (BDN), has integrated the **retrieve functionality to be able to precompile the web form for incoming movements with required data, providing only the Traces certificate number.**

So, the user (breeder/public veterinary ecc.) of the BDN web site, after the checking and correspondence between data showed and the real situation, can confirm the registration of animals.

The BDN system confirm the retrieve to BOVEX with the **acknowledge method after registration.**

Experience

In the same way in the outgoing movements the users (veterinary services/associations/breeders) have to indicate the number of Traces certificate, so the BDN system is able to update the BOVEX database, using the **submit method, providing to the other European partners the data of animals that move abroad.**

Form for Outgoing movement to UE

Mostra Menu ^

Registrazione Movimentazioni - Uscita Verso Estero

ASL 2 LANCIANO VASTO CHIETI

Allevamento di provenienza IT 012CH033 **Denominazione** PICCIRILLI NELLINA
Codice Fiscale: PCCNLN43E56H448Q **Specie allevata:** BOVINI
Data Fine Attività: **Data di chiusura Azienda:**

Destinazione
Paese di Destinazione: SPAGNA

Numero Certificato Traces INTRA - IT 2013 0009655 **Data rilascio certificato** 11 09 2013
Data uscita capi: 11 09 2013 **Data comunicazione Autorità competente:** 11 09 2013

Parametri di ricerca per selezione capi da aggiungere al modello
 Dall' Allevamento/azienda

Codice: **Anno nascita:** **Mese nascita:** **Sesso:**

Codice	Data di nascita	Razza
IT064000039369	20/10/2001	BRUNA ALPINA

Reimposta **Invia**

* i campi in rosso sono obbligatori

Test Phase

- **Started in april 2013 between Italy and Spain exchanging real data, the first month as test, then in the real production environment**
- **Including Greece from september 2013**
- **France started with test in april 2014 and is ready for production in june 2014**



Italy-Spain: Some figure in submit

- From april 2013 to may 2014 **Italy** submit **40.094** passport of animal that move to **Spain**
- **14.412** passport are rejected
- the percentage of errors is decreasing
- In may 2014: **1.592** accepted and **234** rejected
- The principal reason of rejection is that the Traces reference number is not found in Traces Database



Italy-Spain: Some figure in retrieve

- From april 2013 to may 2014 **Italy** retrieve **19.574** passport of animal that move from **Spain**
- **12.677** passport are not found in BOVEX database
- The percentage of errors is decreasing
- In may 2014: **497** retrieved and **608** not found



Amount of data exchanged



Spain:

Send **40.094** (14.412 rejected)

Retrieve **19.574** (12.677 not found)

Greece:

Send **743** (189 rejected)

Retrieve **0**

France:

Send **30** (30 rejected)

Retrieve **0**

Critical

The experience has highlighted some critical points:

- **Mismatch between Traces and Bovex databases**
- **Different timing in feeding of two systems:**
 - **The Traces certificates are not always completely filled-in**
 - **Movements data are entered in advance into Trace system and may differ from the real movement**
 - **The BOVEX data could be entered with a week of delay respect to effective day of movement**
 - **The delay of registration of movements into the national database implies a consequent delay in data transmission to BOVEX, this results in the loss of the possible benefit due to the connection between national database and BOVEX (precompilation of cattle in)**

Partial solution

- **The DG-SANCO team has developed a search engine able to show the information contained into BOVEX, linked with the Traces database**
- **The MS will have to adopt organizational solutions to improve (on one hand) the completeness of the recording in Traces and the other side to ensure short times of supply the national DB (and therefore BOVEX)**



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Better Training for Safer Food BTSF

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