



# Better Training for Safer Food Initiative

Training course on "Animal Welfare during transport"

Title of the presentation:

Author: **Giorgio GRECO**

- ***The opportunities of TRACES and TRACES enforcements for the italian NCA***

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**Slovenia/Italy, 24-27 June, 2014**

*The presentation is divided into three parts:*

*The first part is about the use of System TRACES regarding the intracommunity trade of live animals*

***(The opportunities of TRACES)***

- *The second part is about the "italian way" to manage the data regarding the transports, using TRACES and other national informative systems*

***(TRACES enforcements for the italian NCA)***


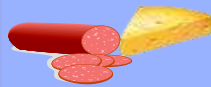


- *The third part is about the "BOVEX project"*

# The opportunities of TRACES

# What's TRACES?

It's an e-government network for veterinary health which notifies, certifies and monitors imports, exports and Community trade in animals and animal products to establish a traceability

# What is the TRACES's field of application?

	<b>LIVE ANIMALS</b> 	<b>PRODUCTS of ANIMAL ORIGIN</b> 	<b>VEGETABLES</b> 	<b>PLANTS</b> 
<b>IMPORTS from THIRD COUNTRIES</b>	<b>YES</b>	<b>YES</b>	<b>YES (*)</b>	<b>YES (*)</b>
<b>INTRA-TRADE EXCHANGES</b>	<b>YES</b>	<b>NO (**)</b>	<b>NO</b>	<b>NO</b>

(\*) Use of TRACES is not yet mandatory

(\*\*) Use of TRACES is foreseen only for some specific products or emergencies (eg. BSE)

# TRACES NETWORK

**NATIONAL  
COMPETENT  
AUTHORITY**

**LOCAL VETERINARY  
UNITS (LVU)**

**BORDER INSPECTION  
POSTS (BIP)**

**THIRD COUNTRIES USERS  
and AUTHORITIES**

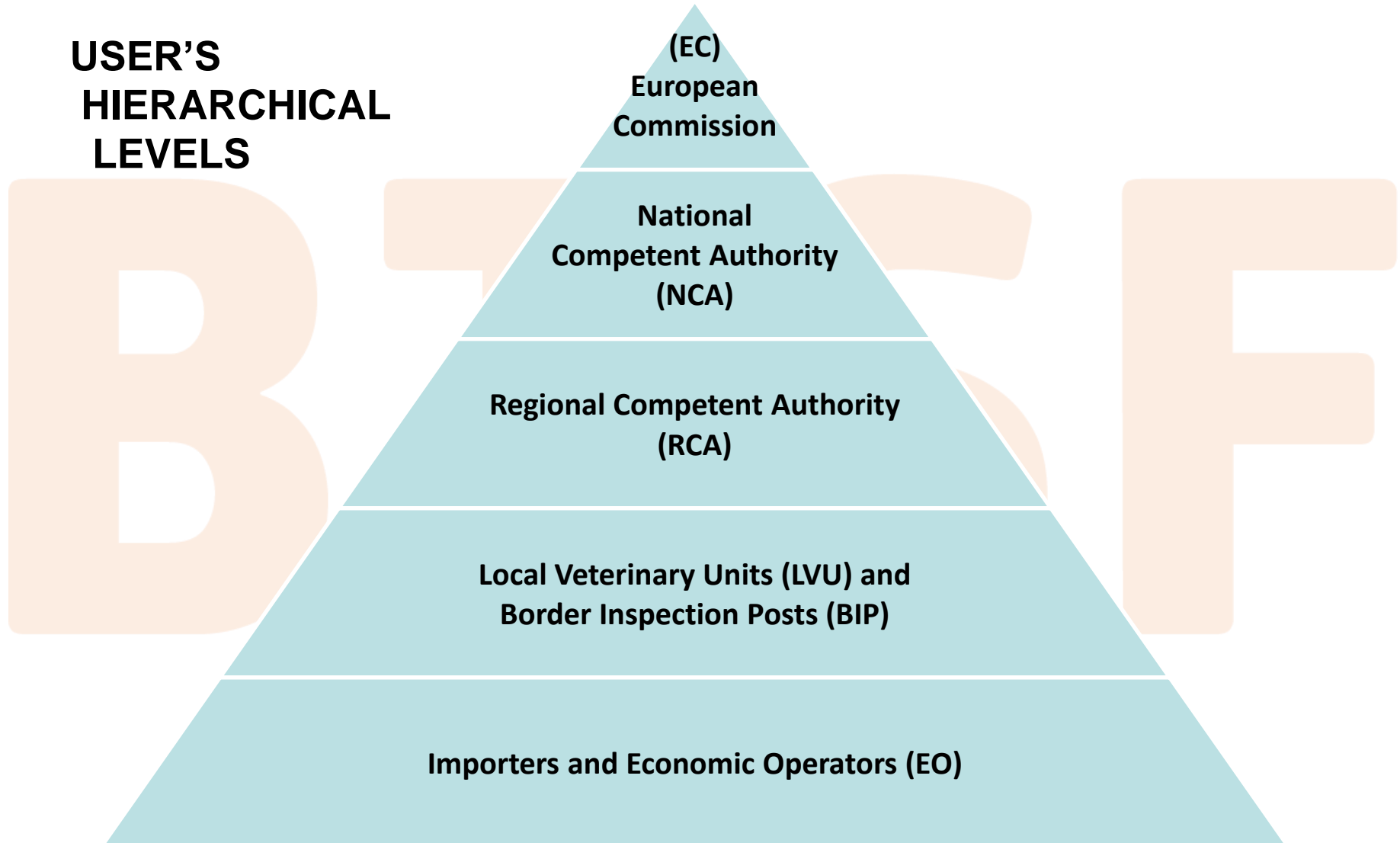
**ECONOMIC  
OPERATORS**

**REGIONAL  
AUTHORITIES (RCA)**

Consumers,  
Health And Food  
Executive Agency



## **USER'S HIERARCHICAL LEVELS**



## Use of TRACES interface -

The main functions in management of animal transports, concern:

- ORGANIZATIONS (Transporters)
- MEANS of TRANSPORT
- IDENTIFICATION of ANIMALS
- STAGING or TRANSFER POINTS
- JOURNEY TIME
- CONTROLS and related ACTIONS



# Use of TRACES interface -

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- **ORGANIZATIONS (Transporters)**
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European  
Commission

#### Organisation

Status: Valid   
Aggregation Code: 096781810050  
Name: Bertram Husslein GmbH  
Address: Altenburgweg 6  
Country: Germany   
Postal Code / Region: 97488   
City: 97488, Stadtlauringen, Markt  
Phone Number:   
Fax:   
E-mail:   
Status set by: Veterinäramt Schweinfurt  
Date: 03/02/2009

#### Approval Numbers

Type	Approval number	
Commercial transporter	096781810050	<input type="button" value="Remove"/>
Assembly center	096781810050	<input type="button" value="Remove"/>
Dealer	096781810050	<input type="button" value="Remove"/>
<input type="button" value="Add"/>		

#### Assign Competent Authority

Name: Schweinfurt  
TRACES Unit Number : DE39609  
Address: Schrammstr. 1  
Postal Code / Region: 97421  
Country: Germany

#### Assign Border Inspection Post

Name:  
TRACES Unit Number :  
Address:  
Postal Code / Region:  
Country:

#### Transport Authorisation

☒ NOT PRESENT ☐ TYPE 1 ☐ TYPE 2

Types of animals:

- ☐ 0101 - Equidae  
☒ 0102 - Bovine  
☒ 0103 - Porcine  
☒ 0104 - Ovine (sheep, goat)  
☐ 0105 - Poultry  
☐ 0106 - Other live animals  
☐ 0301 - Live fish

Expiration date: 15/12/2012

#### Transport Authorisation - Means of transport

Type	Matriculation number	Authorisation type	
Road vehicle	SW-HB 5678	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 543, SW-HB	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 70	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 2500	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 4000	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 167	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 543	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 343, SW-HB	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 343	Long Journey Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 33	Non Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>
Road vehicle	SW-HB 32	Non Approved	<input type="button" value="Open"/> <input type="button" value="Remove"/>

## Use of TRACES interface -

The main functions in management of animal transports, concern:

- ORGANIZATIONS (Transporters)
- **MEANS of TRANSPORT**
- IDENTIFICATION of ANIMALS
- STAGING or TRANSFER POINTS
- JOURNEY TIME
- CONTROLS and related ACTIONS

**Means of Transport Authorisation** ☐ Non Approved ☒ Long Journey Approved

1. MATRICULATION NUMBER: SW-HB 5678

1.2. Equipped with a navigation system: ☒ Yes ☐ No

2. Types of animals authorised for transport:

- ☐ 0101 - Equidae
- ☒ 0102 - Bovine
- ☒ 0103 - Porcine
- ☒ 0104 - Ovine (sheep, goat)
- ☐ 0105 - Poultry
- ☐ 0106 - Other live animals
- ☐ 0301 - Live fish

3. SURFACE IN M<sup>2</sup>/BRIDGE: 31,2

4. The present authorisation is valid until: 30/06/2013



## Use of TRACES interface -

The main functions in management of animal transports, concern:

- ORGANIZATIONS (Transporters)
- MEANS of TRANSPORT
- **IDENTIFICATION of ANIMALS**
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- CONTROLS and related ACTIONS

▼ **Consignment** ▶ Certification  
▶ References ▶ Traders ▼ **Consignment** ▶ Transport ▶ Route

### Details of Consignment Presented: Commodity

I.18. Animal species/Product: Live bovine animals

I.19. Commodity code (CN code): 0102

Species: Domestic  
Bos taurus

▶ Browse

▶ Select

I.22. Number of packages:

I.20. Number/Quantity:  unit

I.24. Type of packaging:

I.21 Temperature of products:

☐ Ambient

☐ Chilled

☐ Frozen

☒ includes unweaned animals

### I.25. Animals certified as/products certified for:

☐ Approved bodies

☐ Breeding

☐ Fattening

☐ Slaughter

☐ Transhumance

### I.31. Identification of the animals

▶ Add ▶ Add (10) ▶ Import ▶ Remove all

Passport N°

▶ Remove

▶ Add ▶ Add (10) ▶ Import ▶ Remove all



## Use of TRACES interface -

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▼ **Consignment** ▶ Certification  
▶ References ▶ Traders ▶ Consignment ▶ Transport ▼ **Route**

### Details of Consignment Presented: Route

#### I.27. Transit through Member states

Name	
<input type="text"/>	<input type="button" value="Remove"/> <input type="button" value="Add"/>

#### I.28. Export

☐ Yes
 ☒ No

Export to 3rd Country:

Export Exit Point:

#### I.26. Transit through 3rd country

3rd country:

Exit point:

Entry point:

#### Planned Staging or Transfer Points

	Date (dd/mm/yyyy)	Time (hh:mm)	
DE, Berghuis GmbH, Prozessionsweg 80, 49479 Ibbenbüren, 49479	<input type="text" value="22/09/2009"/>	<input type="text" value="10:00"/>	<input type="button" value="Remove"/>
free text example	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>
<input type="button" value="▼"/> N°: <input type="text"/> <input type="button" value="Assign"/> <input type="button" value="Select control post"/> <input type="button" value="Add transfer point"/>			



## Use of TRACES interface -

The main functions in management of animal transports, concern:

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- STAGING or TRANSFER POINTS
- **JOURNEY TIME**
- CONTROLS and related ACTIONS

▾ Consignment   ▸ Certification   ▸ Control ▸ References   ▸ Traders   ▸ Consignment   ▾ Transport   ▸ Route	
Details of Consignment Presented: Transport	
<b>I.17. Transporter</b>	
Name:	Bertram Husslein GmbH
Address:	Altenburgweg 6
Postal Code / Region:	97488 Stadtlauringen, Markt
Country:	DE Germany
Approval number:	096781810050
<b>I.15. Date of Departure (dd/mm/yyyy):</b> 09/09/2009	
<b>I.15. Time of Departure (hh:mm):</b> 21:00	
<b>I.29. Estimated journey time:</b> 38,81 Hours	
Responsible of Transport during Journey: tester	
<b>I.16. Means of transport</b>	
Type:	Road vehicle
Identification:	SW-HB 5678
Document:	doc123
<b>I.14. Place of loading</b>	
Name:	IRENEU I POSSIDÓNIO PATRONILHO
Address:	R: ANTº JOAQUIM CONCEIÇÃO 13
Postal Code / Region:	7595 Torrão
Country:	PT Portugal
Approval number:	WA04J
<b>I.23. Identification of container/Seal number</b>	
<u>Seal Number</u>	<u>Container Number</u>
test	test123

- Algorithm based on optimum route
- Calculation based on speed average of 70km/h
- Minimum estimated journey time is modifiable upwards



## Use of TRACES interface -

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- STAGING or TRANSFER POINTS
- JOURNEY TIME
- **CONTROLS and related ACTIONS**

► Consignment ► Certification ▼ **Control**  
► Select Current Control ► Current Control ▼ **Checks** ► Laboratory Tests ► Infringements ► Actions

## Detail of Control: Checklists & Laboratory Tests

### Checklists

#### III.3. Documentary Check:

☒ No

EU Standard:

☐ Satisfactory

☐ Not satisfactory

Additional guarantees:

☐ Satisfactory

☐ Not satisfactory

Additional guarantees:

☐ Satisfactory

☐ Not satisfactory

Additional guarantees:

☐ Satisfactory

☐ Not satisfactory

National requirements:

☐ Satisfactory

☐ Not satisfactory

#### III.4. Identity Check:

☐ No

☒ Satisfactory

☐ Not satisfactory

#### III.5. Physical Check:

☐ No

☒ Satisfactory

☐ Not satisfactory

Total animals checked:

15

#### III.7. Welfare check:

☐ No

☒ Satisfactory

☐ Not satisfactory

### III.6. Laboratory Tests:

Tests Executed:

☒ Yes

☐ No

Date:

21/09/2009

Motivation:

☒ Random

☐ Suspicion

Tested for:

Orbivirus (Bluetongue)

☒ Pending

☐ Satisfactory

☐ Not satisfactory

#### III.10. Impact of the transport on animals

Number of dead animals:

Units

Number of unfit animals :

Units

Number of birth or abortion:

0

Units

► Consignment ► Certification ▼ **Control**

► Select Current Control ► Current Control ► Checks ► Laboratory Tests ▼ **Infringements** ► Actions

### Detail of Control: Infringements

#### III.8. Infringement of welfare regulation:

- ☐ III.8.1. Transporter authorisation invalid
- ☐ III.8.10. Other
- ☐ III.8.2. Non-compliance of the means of transport
- ☐ III.8.3. Stocking density exceeded
- ☐ III.8.4. Travel times exceeded
- ☐ III.8.5. Watering and feeding not fulfilled
- ☐ III.8.6. Mishandling or negligence to the animals
- ☐ III.8.7. Supplementary measures for the journeys of long duration
- ☐ III.8.8. Certificate of proficiency of the driver
- ☐ III.8.9. Data registered in the log book

Average space:

#### III.9. Infringement of health legislation

- ☐ III.9.1. Absence/Invalid certificate
- ☐ III.9.10. Absence or non legal identification
- ☐ III.9.11. National requirements not fulfilled
- ☐ III.9.12. Address of destination invalid
- ☐ III.9.13. Other
- ☐ III.9.2. Mis-match with documents
- ☐ III.9.3. Non authorised country
- ☐ III.9.4. Non approved region/ zone
- ☐ III.9.5. Prohibited species
- ☐ III.9.6. Absence of additional guarantee
- ☐ III.9.7. Non approved holding
- ☐ III.9.8. Diseased or suspect animals
- ☐ III.9.9. Unsatisfactory tests



► Consignment ► Certification ▼ **Control**

► Select Current Control ► Current Control ► Checks ► Laboratory Tests ► Infringements ▼ **Actions**

### Detail of Control: Actions

#### III.11. Corrective action

- ☐ III.11.1. Delayed departure
- ☐ III.11.2. Transfer procedure
- ☐ III.11.3. Quarantine
- ☐ III.11.4. Humane killing/Euthanasia
- ☐ III.11.5. Destruction of carcasses/products
- ☐ III.11.7. Treatment of products
- ☐ III.11.8.7. Use of products for other purpose
- ☐ III.II.6. Return of consignment

Identification:

#### III.12. Follow-up of quarantine

- ☐ III.12.1. Humanely killing/Euthanasia
- ☐ III.12.2. Release

# **TRACES enforcements for the italian NCA**

*The following part of the presentation is about:*

- 1. the "italian way" to manage the data regarding the transports, using TRACES and other national informative systems*
- 2. some proposals to avoid the most common errors in input data, both in TRACES and in the national System*



- Italy is strictly linked to the other European Union countries as regards the introduction of live animals and animal products
- Historical necessity to have tools to acquire data relating to this information flow

Over 1.600.000 consignments arrive each year in Italy from other EU Countries (\*):

About 1.550.000 (96%) consist of products of animal origin (whether for human consumption or not)

the others 63.000 (4%) consist of live animals

(\*) data from  
SINTESI  
year 2013

## Consignments of live animals to Italy from EU countries (\*):

- Bovines: about 44.000
- Equidae: about 2.000
- Swine: about 4.000
- Sheep and goats: about 3.500
- Poultry: about 2.000
- Other species: about 7.000

(\*) data from  
SINTESI  
year 2013

- Since 2004, the Italian local veterinary units have used the TRACES system especially to create and send health certificates relating to consignments of live animals out of Italy
- The task of analyzing the data of the certificates arriving in Italy is assigned mainly to the central unit (NCA) and other regional or local Veterinary Offices, which use not only the TRACES system but also other information systems, at the same time.



# BTSF

## The “Italian Way” for veterinary checks on consignments from EU countries

## The three key points of the “Italian Way”:

In 1993, the Ministry of Health transposed Directives 89/608/CEE, 89/662/CEE and 90/425/CEE into national legislation (D.lgs 27/93 and 28/93); this package of laws and rules established that:

# 1. Creation of Italian **UVACs** Regional Offices



2. The economic operators who receive consignments from other Member States, have to :

- Register at the UVACs
- Communicate the arrival of the consignments of live animals or products of animal origin they are receiving



### 3. The Italian System “SINTESI” manages data regarding intracommunity trade

The Italian veterinarian authorities use different Information Systems to manage data of live animals consignments:

TRACES System,

but also SINTESI System and the National Livestock DataBase (BDN)

and two systems to manage the transporters and the related means of transport:

TRACES System,

and also the National system to register the Italian transporters

## ITALIAN MANAGEMENT OF INTRACOMMUNITY TRADE

**LIVE ANIMALS**  
(65.000 consignments/year)

**TRACES**

**SINTESI**  
(Module for  
live animals)

**BDN**  
(live animals)

**PRODUCTS  
OF ANIMAL ORIGIN**  
(1.550.000 consignments/year)

**SINTESI**  
(Module for  
products of animal origin)

*What are the main differences  
between the three Systems ?*

## Example of intracommunity transport of live animals : Point of view of Italian NCA



## Example of intracommunity transport of live animals : Point of view of Italian NCA

In TRACES the notice is  
created by the sender  
(Organization or LVU)

Departure of  
consignment

SENDER  
Member State  
A

TRACES



Italian NCA,  
and UVAC Offices

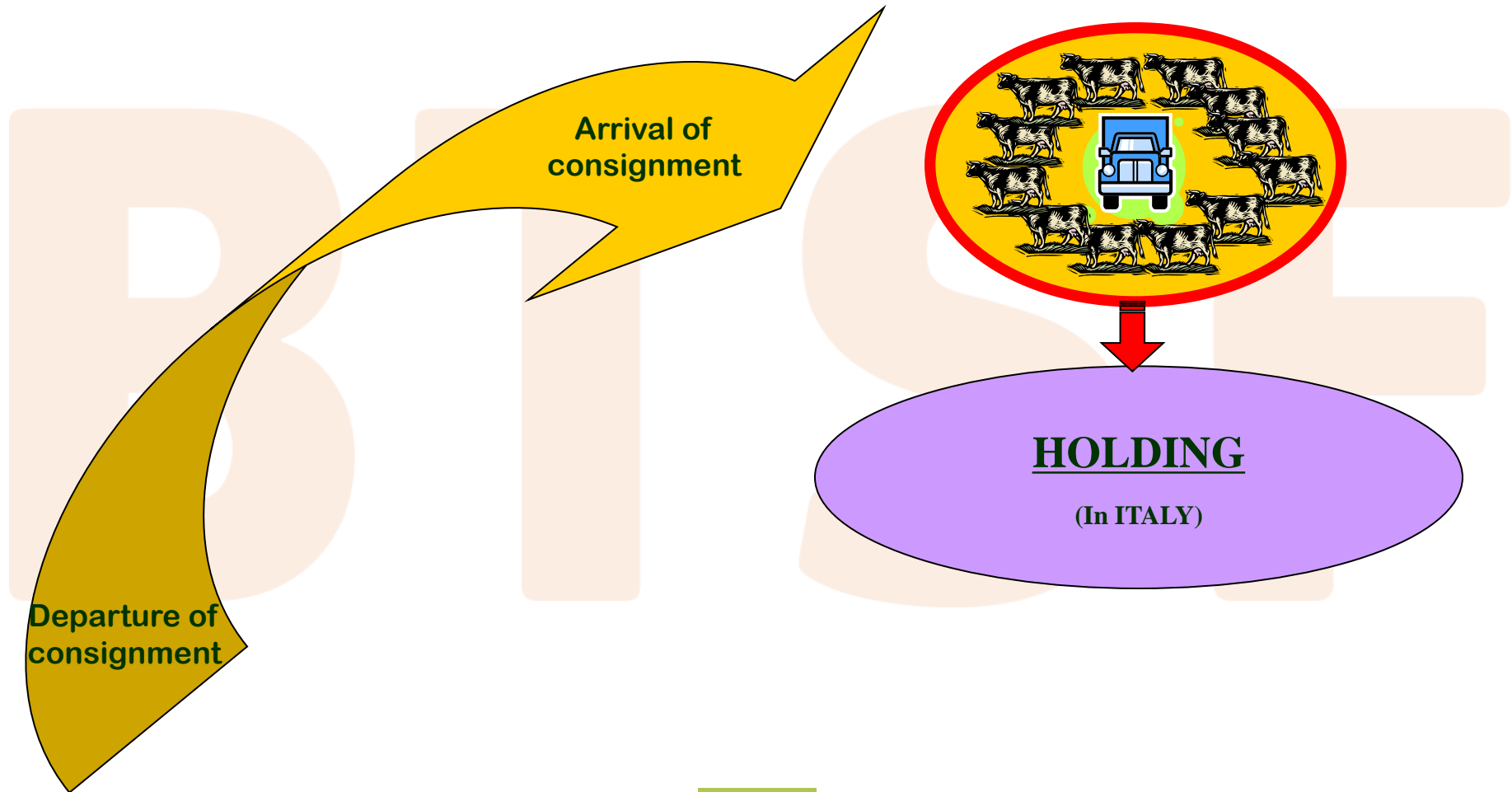
SINTESI

Arrival of  
consignment

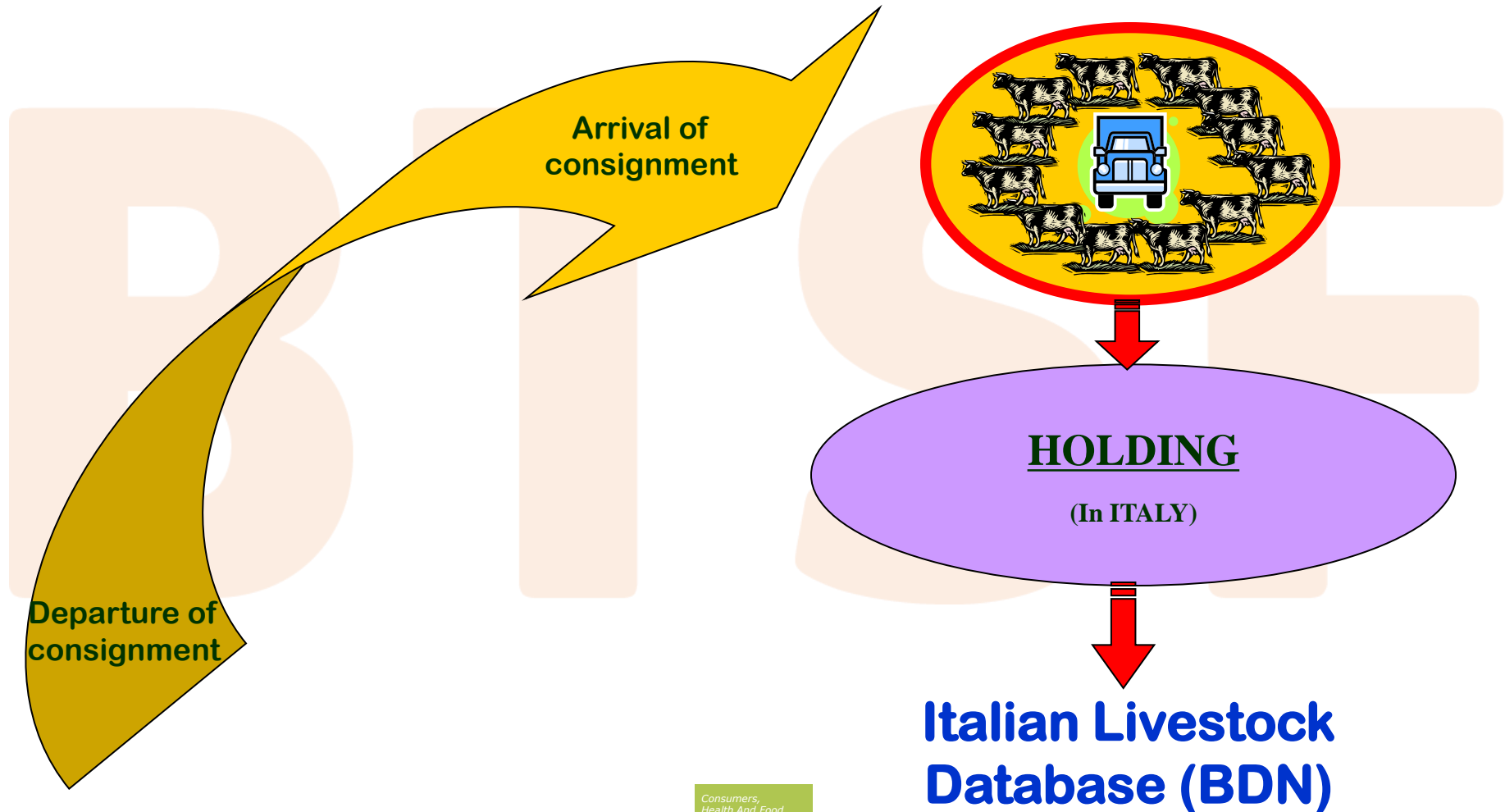
RECEIVER  
Member State B  
(ITALY)

In SINTESI the  
notice is created  
by the receiver

## Example of individual registration managed by national system BDN:



## Example of individual registration managed by national system BDN:





## *Summarising:*

- The Traces System covers consignments from the point of view of the sender, and manages all the informations in the certificate;
- The SINTESI System covers consignments from the point of view of the receiver and manages the main data of the consignments;
- The BDN System covers consignments from the point of view of the receiver and manages all the information regarding each individual animal;

Why Italy decided to use other informative systems together with TRACES?

*SINTESI is operational since 2001, before respect on TRACES (2004), and manages both live animals and products consignments;*

- So Italy use SINTESI mainly for intra-trade of products referring to Directive 89/662/CEE, and the use of SINTESI for live animals would have to be interrupted when TRACES was born (in 2004);*
- However we have noted that it can be very useful to observe the same phenomenon (intra trade movements of live animals) from two different points of view;*

*An added value is the use of the BDN, that provides detailed information on individual animals recorded;*

The subsequent questions are:

How the Italian NCA matches the data from TRACES, SINTESI and BDN?

What are the results of matching the data?

What is the added value of such matching of data?

*The results of data matching is very reliable when the information of the "ID of TRACES certificate" is available in all the three Systems.*

- *This is possible, at the moment, only for a percentage of about 60% of consignments.*
- *In this case, we use the code as a "bridge" among the systems*

1

**Certificate search  
into TRACES**



2

**Consignment  
search into  
SINTESI**



3

**Bovine search  
into BDN**



**"KEY"**

**"KEY"**

**KEY = ID of TRACES Certificate**



European  
Commission

**TRACES**  
TRAde Control and Expert System

ba bgb cs da de el en es et fi fr hr hu il it ko lt lv mk mt nl

/TRACES/Veterinary Documents/Intra Trade Animal Health Certificate

▼ Consignment ► Certification  
▼ References ► Traders ► Consignment ► Transport ► Route

Details of Consignment Presented: References

I.2. Certificate reference number: **INTRA.AT.2012.0016870**

I.6. No.(s) of related original certificates:

Competent Authorities

I.4. Local Competent Authority: AT00202 - Klagenfurt  
I.3. Central Competent Authority: AT00000 - Bundesministerium für Gesundheit

Official Veterenarian: ► Bernd Wappis  
Submission Date: 12/12/2012 (UTC +0100)

► Cancel and Return to Menu ► Control ► Print

**Destinazione** **Origine**

**Numero Partita:** 2012/11/40502 **Stato Partita:** STORICIZZATA

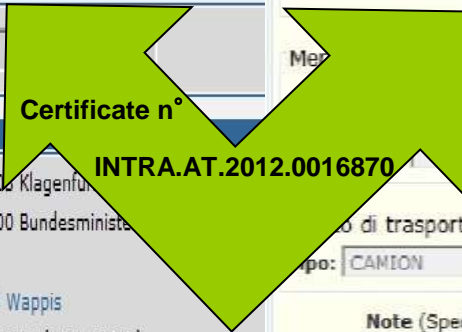
**Natura Partita:** ANIMALI VIVI

**Provenienza**  
**Paese UE:** AUSTRIA **Località:**  
**Unità veterinaria locale:** AT00203 - Klagenfurt Land  
**Struttura**  
**N° Ident.:** **Denominazione:**

**Certificato**  
**N.ro:** AT . 2012 . 0016870 **Data rilascio:** **Luogo emissione:**  
**Autorità Sanitaria:**  
**Mer:** 01020102 - Bos taurus (bovini) **Seleziona..**  
**Q.tà:** 29 **U.M.:** CAPI  
**Modalità di trasporto:** CAMION **Identificativo:**

**Note** (Specificare maggiormente la tipologia di merce. Es. per le specie ittiche indicare il nome del prodotto):

**Data prevista arrivo:** 13/12/2012 **Ora prevista arrivo:** 00 hh 00 mm  
**Arrivo differito:** ☐ **Data effettiva arrivo:** **Ora effettiva arrivo:** hh mm



**Certificate n°**  
**INTRA.AT.2012.0016870**





**TRACES**  
TRAdE Control and Expert System

/TRACES/Veterinary Documents/Intra Trade Animal Health Certificate

▼ **Consignment** ▸ Certification  
▸ References ▸ Trailers ▸ **Consignment** ▸ Transport ▸ Route

**Details of Consignment Presented: Commodity**

Id. 1.18. Animal species/Product	Species	1.22. Nur...	1.20. R...	1.21. Temp...
1. 0102 Live bovine animals	Domestic 64/432 FI Bovine Bos taurus			

☐ includes unweaned animals

**1.25. Animals certified as/products certified for**

☐ Approved bodies ☐ Breeding ☐ Transhumance

**1.31. Identification of the animals**

Commodity Code	Passport Nro
1. 0102	AT 221562917
1. 0102	AT 221563317
1. 0102	AT 294581919
1. 0102	AT 138929422
1. 0102	AT 130650922
1. 0102	AT 766006419
1. 0102	AT 584119419
1. 0102	AT 437532119
1. 0102	AT 132161222
1. 0102	AT 996874318
1. 0102	AT 910763719
1. 0102	AT 910769419
1. 0102	AT 831631919
1. 0102	AT 831632119
1. 0102	AT 583683619
1. 0102	AT 583682519
1. 0102	AT 903924219
1. 0102	AT 130641822
1. 0102	AT 647817419
1. 0102	AT 645390419

**AT 294581919**

**Ministero della Salute**

**Dati Anagrafici dei Capi**

**MINISTERO DELLA SALUTE: MINISTERO DELLA SALUTE**

**Allevamento d'iscrizione:** 070UD009 **Identificativo Fiscale:**

**Denominazione:** PONTORIERO ELEONORA **AT 294581919**

**Codice Capo:** AT294581919

**Codice Elettronico:**

**Codice Precedente:**

**Data di nascita:** 20/03/2012 **Razza:** METICCIO/INCROCIO

**Codice Madre:** AT277832517

**Codice Madre Genetica:**

**Codice Padre:**

**Data Applicazione Marca:**

**Data Ingresso nel Primo Allevamento:** 13/12/2012 **Data Notifica Autorita' Competente:**

**Parto Gemellare:** No

**Embrione Trasferito:** No

**Origine del capo:** SCAMBIATO CON PAESI UE

**Paese di provenienza:** AUSTRIA

**Stato Origine:** AUSTRIA

**Numero di riferimento del certificato:** INTRA . AT . 2012 . 0016870 **Certificate n° INTRA.AT.2012.0016870**

**Stampa Passaporto:** CEE

**Movimentazione del capo** **Torna indietro**

## GENERAL RESULTS OF DATA MATCHING BETWEEN SINTESI AND TRACES in 2013

DATA from SYSTEM **TRACES**

Tot. **59.000** consignments of live animals

DATA from SYSTEM **SINTESI**

Tot. **63.000** consignments of live animals

why ?

+ 4.000  
consignments

Why there are differences between data  
in TRACES and in SINTESI,  
and what happens in case of differences?

Even if,

- the query of data is setted in both Systems with the same instrument (sw Business Objects) and the same parameters (range of date, type of goods, countries of origin, etc.)

- errors in recording data are always possible,

most of the differences can be explained by a different interpretation of the concept of consignment.

In TRACES the definition and description of the consignment is closely related to the certificate.

In SINTESI there isn't the transmission of a certificate, but it's mandatory to pre-notify the consignment, which can be described in a more or less detailed way, depending on the nature of the carried goods and depending on chosen TARIC codes.

So a TRACES certificate can be, in some cases, related in SINTESI to more than one consignment.

In case of discrepancies between the data in TRACES and those found in other information systems that cannot be explained, we can deepen, with the help of embassies or UVAC offices, the analysis of differences.

In fact, sometimes there are missing certificates in TRACES, or there are missing prenotification in SINTESI, or there are differences in the information regarding the same consignment. (e.g.)

Even if it will be impossible to avoid a physiological level of non-complying consignments, it's anyway very useful for the italian NCA matching data from TRACES, SINTESI and BDN to discover errors, infringements or frauds in live animals intracommunitary trade.

If the Italian NCA, or UVAC Offices, or Italian LVUs used only the TRACES system, they could analyze the TRACES certificate made before the departure of the consignment of live animals but they could find it difficult to check the accuracy of the certificate, until the consignment reaches its destination.

As a matter of fact only a physical check performed by the LVU veterinary officer at the destination can ensure that the data declared in the certificate correspond to the nature of the consignment of live animals that has just arrived.

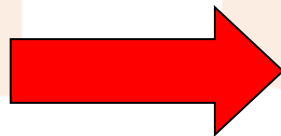
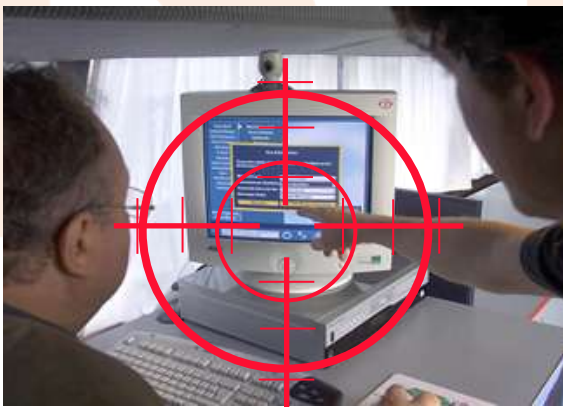
So, what's the practical advantage in matching data among more than one Information System, regarding the animal welfare controls?



By means of the match between TRACES and SINTESI before the arrival of the consignment, we can understand if there is something wrong and we should then have to submit the non-corresponding consignments to further controls.

In this way we could analyse the most frequent types of non-compliances (e.g. regarding the number of animals or the place of destination) and could then perform more efficient checks, based not only on random criteria.

Considering that this control can be carried out when the consignment is still moving, as regards to the animal welfare checks, we could apply “on the road” controls to the most significant consignments, selected among the non-compliant ones.



As N.C.A. we have noticed a significant number of input errors in the number of animals of a consignment. (E.G.)

- This generates unacceptable deviations when data is provided to the authorities or institutions that require it.

These errors are mostly made by operators who enter the data of the first part of the certificate, which is often not filled by the veterinarians who sign it.

• In our opinion, it's useful to create a tool to help (not to substitute) veterinarians verify the data in the first part of the certificate, and to act as a "filter" to prevent the most apparent input errors, using the parameters provided.



Automatic tool to control the ratio  
“number of animals/mean of  
transport”, mainly to avoid errors in  
input data, according to the animal  
welfare rules.

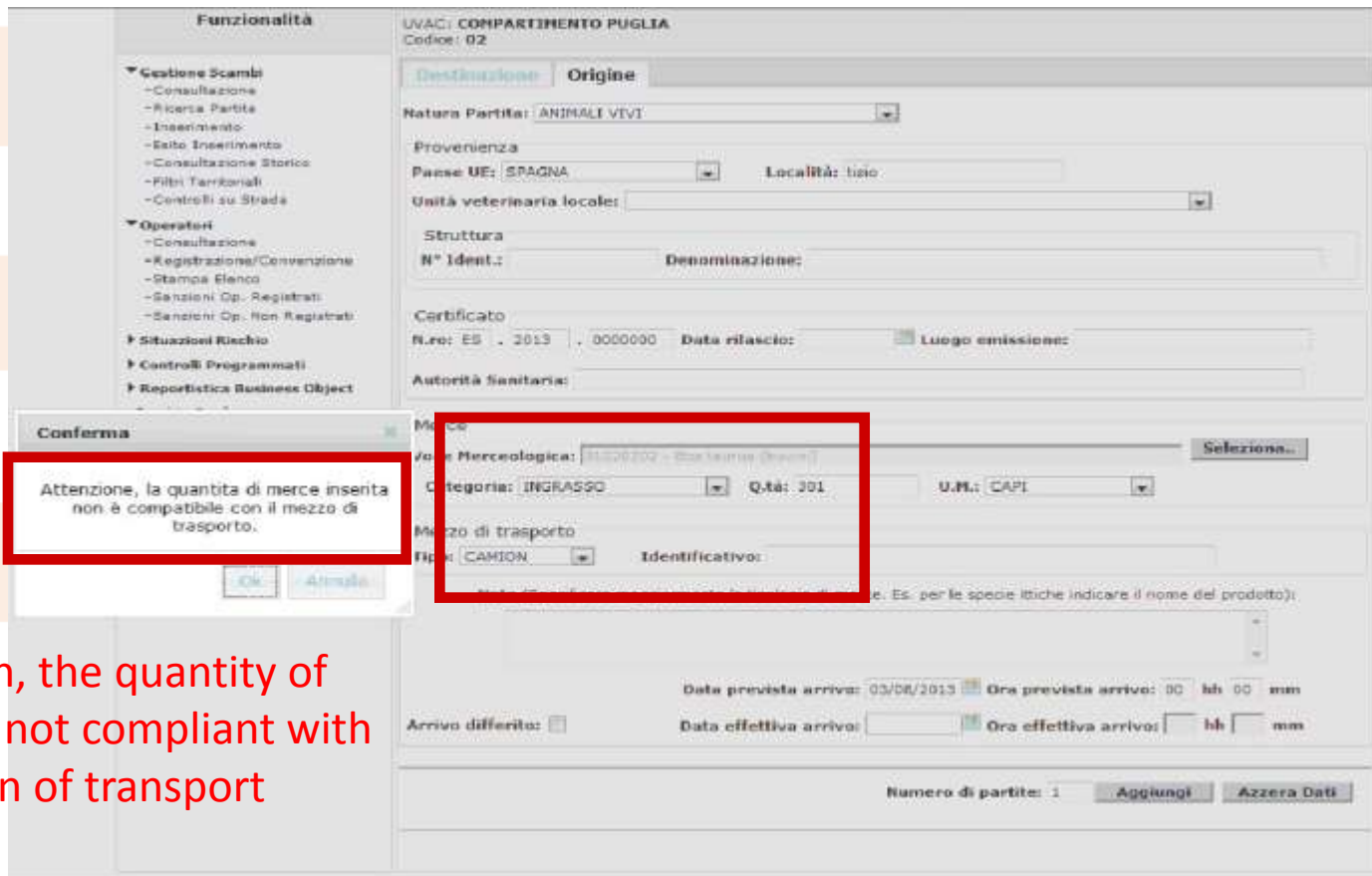
In SINTESI System there is a generic automatic control based on a reference table which manages a relation between the type of animals and the type of means of transport, according to the subsequent data:



	A	B	C	D	E	F	G	H	I	J	K	L
	CODE 2011	PARENT CODE 2011	Liv. 1	Liv. 2	Liv. 3	Liv. 4	Liv. 5	Liv. 6	DESCRIPTION	QTA Limit	Unit of Measure (UN / KG)	Mean of Transport
1												
2	01		01						Live animals		UN	
3	0101	01		01					Cavalli, asini, muli e bardotti, vivi		UN	
4	010101	0101			01				Equidi da allevamento - mod. 2009/156		UN	
5	01010101	010101				01			Equus caballus asinus (muli e bardotti)	36	UN	Camion
6	01010102	010101				02			Equus caballus (cavalli)	36	UN	Camion
7	01010103	010101				03			Equus asinus (asini)	36	UN	Camion
8	01010109	010101				09			Partita mista	36	UN	Camion
9	010102	0101			02				Equidi da macello - mod. 2009/156		UN	
10	01010201	010102				01			Equus caballus asinus (muli e bardotti)	36	UN	Camion
11	01010202	010102				02			Equus caballus (cavalli)	36	UN	Camion
12	01010203	010102				03			Equus asinus (asini)	36	UN	Camion
13	01010209	010102				09			Partita mista	36	UN	Camion
14	010103	0101			03				Equidi registrati - mod. 2009/156 All. II		UN	
15	01010301	010103				01			Equus caballus asinus (muli e bardotti)	30	UN	Camion
16	01010302	010103				02			Equus caballus (cavalli)	30	UN	Camion
17	01010303	010103				03			Equus asinus (asini)	30	UN	Camion
18	01010309	010103				09			Partita mista	30	UN	Camion
19	010109	0101			09				Altri equidi (diversi da macello, allevamento e registrati) - mod. 2009/156		UN	
20	01010901	010109				01			Equus caballus asinus (muli e bardotti)	36	UN	Camion
21	01010902	010109				02			Equus caballus (cavalli)	36	UN	Camion
22	01010903	010109				03			Equus asinus (asini)	36	UN	Camion
23	01010909	010109				09			Partita mista	36	UN	Camion
24	0102	01		02					Animali vivi della specie bovina		UN	
25	010201	0102			01				Bovini domestici da allevamento - mod. 64/432 F1		UN	
26	01020101	010201				01			Bison bison (bisonti)	100	UN	Camion
27	01020102	010201				02			Bos taurus (bovini)	300	UN	Camion
28	01020103	010201				03			Bubalus bubalus (bufali)	100	UN	Camion
29	01020109	010201				09			Partita mista	100	UN	Camion
30	010202	0102			02				Bovini domestici da ingrasso - mod. 64/432 F1		UN	
31	01020201	010202				01			Bison bison (bisonti)	100	UN	Camion
32	01020202	010202				02			Bos taurus (bovini)	300	UN	Camion
33	01020203	010202				03			Bubalus bubalus (bufali)	100	UN	Camion
34	01020209	010202				09			Partita mista	100	UN	Camion
35	010203	0102			03				Bovini domestici da macello - mod. 64/432 F1		UN	

*When the numbers of animals of a consignment goes over the established quote relating to the type of mean of transport (e.g. bovine/truck) an automatic "warning" is proposed to the operator that input data.*

*This is the screen of SINTESI with the WARNING generated in case of a number of animals not compliant with the average capacity of the type of mean of transport*



The screenshot displays the SINTESI system interface. On the left, a sidebar lists various functionalities under 'Funzionalità', including 'Gestione Scambi', 'Operatori', 'Situazioni Rischio', 'Controlli Programmati', and 'Reportistica Business Object'. The main area shows a form for 'UVA: COMPARTIMENTO PUGLIA' with 'Codice: 02'. The form includes fields for 'Destinazione', 'Origine', 'Natura Partita' (set to 'ANIMALI VIVI'), 'Provenienza', 'Paese UE' (set to 'SPAGNA'), 'Località' (set to 'tizio'), 'Unità veterinaria locale', 'Struttura', 'N° Ident.', 'Denominazione', 'Certificato', 'N.ro: ES - 2013', '0000000', 'Data rilascio', 'Luogo emissione', and 'Autorità sanitaria'. A red box highlights a warning message: 'Attenzione, la quantità di merce inserita non è compatibile con il mezzo di trasporto.' Another red box highlights the 'Merce' section, which includes 'Voce Merceologica' (set to '11320202 - Esca taurina (crudo)'), 'Categoria' (set to 'INGRASSO'), 'Q.tà: 301', 'U.M.: CAPI', and 'Mezzo di trasporto' (set to 'CAMION'). The bottom of the form shows 'Data prevista arrivo: 03/08/2013', 'Ora prevista arrivo: 00 hh 00 mm', 'Arrivo differito', 'Data effettiva arrivo', 'Ora effettiva arrivo', and 'Numero di partite: 1'. Buttons for 'Aggiungi' and 'Azzerati' are visible.

attention, the quantity of goods is not compliant with the mean of transport

*In TRACES it would be possible to better develop this automatic control because there are two very important and mandatory informations: the loading surface for each mean of transport and the authorized species related to the specific mean of transport.*

**Means of Transport Authorisation** ☐ Non Approved ☒ Long Journey Approved

1. MATRICULATION NUMBER: SW-HB 5678

1.2. Equipped with a navigation system: ☒ Yes ☐ No

2. Types of animals authorised for transport:

- ☐ 0101 - Equidae
- ☒ 0102 - Bovine
- ☒ 0103 - Porcine
- ☒ 0104 - Ovine (sheep, goat)
- ☐ 0105 - Poultry
- ☐ 0106 - Other live animals
- ☐ 0301 - Live fish

3. SURFACE IN M<sup>2</sup>/BRIDGE: 31,2

4. The present authorisation is valid until: 30/06/2013

CHAPTER VII  
SPACE ALLOWANCES

Space allowances for animals shall comply at least with the following figures:

*Transport by road*

Category	Approximate weight (in kg)	Area in m <sup>2</sup> /animal
Small calves	50	0,30 to 0,40
Medium sized calves	110	0,40 to 0,70
Heavy calves	200	0,70 to 0,95
Medium sized cattle	325	0,95 to 1,30
Heavy cattle	550	1,30 to 1,60
Very heavy cattle	> 700	> 1,60

These figures may vary, depending not only on the animals' weight and size but also on their physical condition, the meteorological conditions and the likely journey time.

Space  
allowances  
value according  
to chapter VII  
of Reg. 1/2005



1,50



e.g. heavy cattle  
parameter : 1,50



**Means of Transport Authorisation** ☐ Non Approved ☒ Long Journey Approved

1. MATRICULATION NUMBER:

1.2. Equipped with a navigation system: ☒ Yes ☐ No

2. Types of animals authorised for transport:

- ☐ 0101 - Equidae
- ☒ 0102 - Bovine
- ☒ 0103 - Porcine
- ☒ 0104 - Ovine (sheep, goat)
- ☐ 0105 - Poultry
- ☐ 0106 - Other live animals
- ☐ 0301 - Live fish

3. SURFACE IN M<sup>2</sup>/BRIDGE:

4. The present authorisation is valid until:

**Space allowances value according to chapter VII of Reg. 1/2005**

↓

↑

**e.g. heavy cattle parameter : 1,50**

**Number of heavy cattles compliant with the mean of transport**

↓

**31,2 / 1,50 = 20**

▼ Consignment

► Certification

► References

► Traders

▼ Consignment

► Transport

► Route

### Details of Consignment Presented: Commodity

I.18. Animal species/Product: Live bovine animals

I.19. Commodity code (CN code): 0102

Species: Domestic  
Bos taurus

☒ includes unweaned animals

I.22. Number of packages: 1

I.20. Number/Quantity: 200 unit

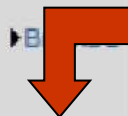
I.24. Type of packaging:

I.21 Temperature of products:

☐ Ambient

☐ Chilled

☐ Frozen



attention, the quantity of  
goods is not compliant with  
the mean of transport

### I.25. Animals certified as/products certified for:

☐ Approved bodies

☐ Breeding

☐ Fattening

☐ Slaughter

☐ Transhumance

### I.31. Identification of the animals

►Add ►Add (10) ►Import ►Remove all

Passport N°

►Remove

►Add ►Add (10) ►Import ►Remove all



## *Problems to discuss:*

- **the detailed classification in chapter VII of 1/2005 (for age, size or weight) is non compliant, at the moment, with CN codes in TRACES or with the classification of animals present in the certificate;**
- **the calculation of area in case of different kinds of animals of the same species**

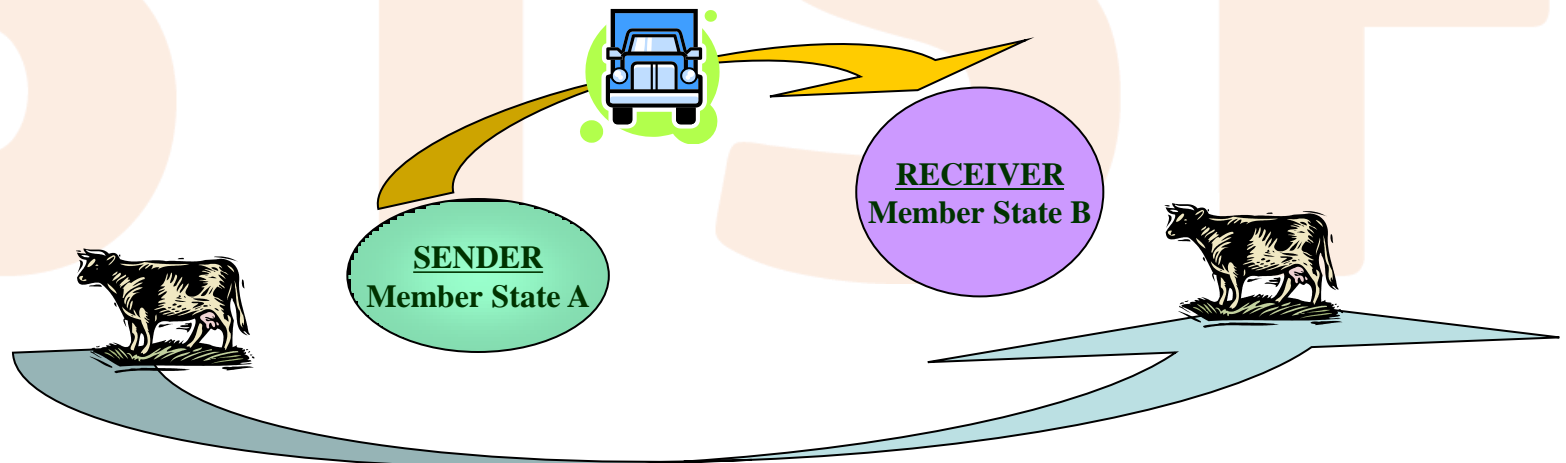
Health & Consumers  
DG SANCO

Unit A.4 Information systems

# **BOVEX Project**

*Bovine Identification Exchanges between  
National Databases*


In case of registered animal species, a system based on key-information, such as ear tags or passport number, linking systems for the management of transports and national livestock databases, is needed



Furthermore, in case of transports of registered live animals, the available information systems could have better performances if they were connected with the national livestock databases, even more so if national databases were all connected to each other directly among M.S. or among an EU server (e.g. TRACES)

## What should be exchanged?

- *National DBs differ, so **not** a complete copy of passport from national database*
- ***Only** ID data according to **Directive 64/432/EEC***
- ***Format** determined by agreed **data dictionary** and **schema***


**Food Safety - From the Farm to the Fork**

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[Live Animals](#) | [Semen, Ova & Embryos](#) | [Products of Animal Origin](#) | [Animal Diseases](#) | [Identification](#) | [Animal Welfare](#) | [Zootechnics](#) | [Strategy \(2007-2013\)](#)


[Important legal notice](#)


[English](#)

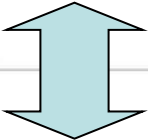
[printable version](#)

### Interoperability of bovine databases

The current legislation on bovine traceability includes national databases containing the movement history of each individual animal. When animals move from one Member State to another, their data are still transmitted mainly on a paper document. The objective is to establish a data transfer module allowing an automatic transfer from data between national databases.

[Presentation](#)  from the Commission at the Meeting of the Animal Health Advisory Committee (19 May 2008)





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- [EU - Russia: SPS issues](#)

### FOOD AND FEED SAFETY

### ANIMAL HEALTH AND WELFARE

### PLANT HEALTH

### FVO INSPECTIONS

Last Update: 03/06/2008

### TRACES

TRAde Control and Expert System

Information, Auto, Logout  
almerest@zanba.it

/TRACES/Gestione Utenti ed Organizzazioni/Organizzazioni

- [Pagina di benvenuto](#)
- [Documenti veterinari](#)
  - [Certificato sanitario per gli scambi intracomunitari](#)
  - [DVCE per animali](#)
  - [DVCE per prodotti animali](#)
  - [CF/Attestato certificato to EU](#)
  - [Certificato sanitario](#)
- [Reporting](#)
  - [Trasporto - Intracomunitario](#)
  - [Trasporto - DVCE per animali](#)

#### Ricerca per organizzazioni

##### Entità di ricerca

Paese:	<input type="text"/>	Nome:	<input type="text"/>
Codice postale / Regione:	<input type="text"/>	Indirizzo:	<input type="text"/>
Numero:	<input type="text"/>	Tipo:	<input type="text"/>
Stato:	<input type="text"/>	Numero di unità ANIMO:	<input type="text"/>
<input type="button" value="Cerca"/>			

##### Risultato della ricerca

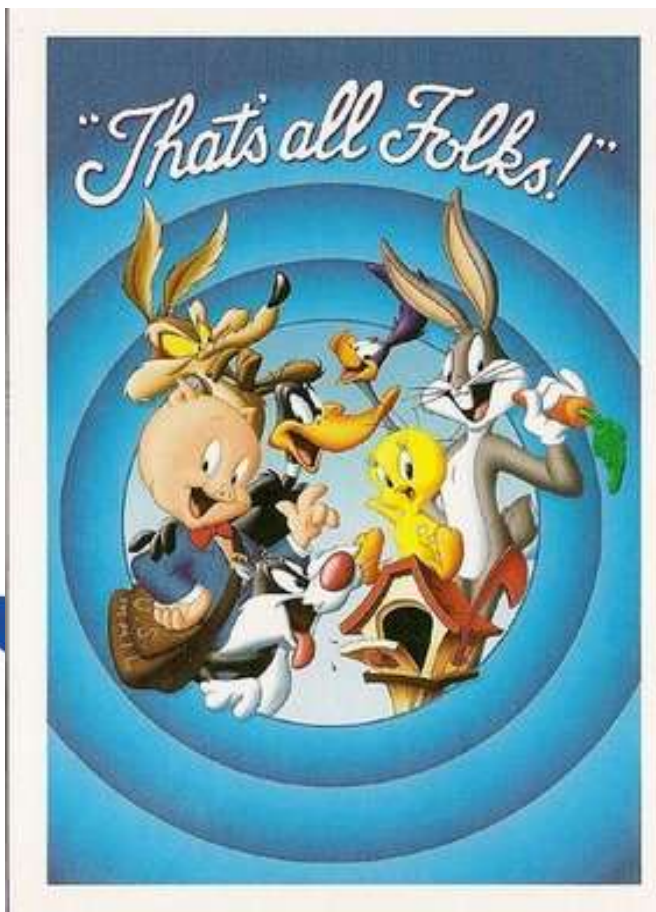
Nome	Indirizzo di aggregazione	Paese	Indirizzo	Codice postale / Regione	Stato
Nessuna ricerca statale membro					

## BOVEX Project During 2013 and 2014:

Technical cooperation among Italy, Spain, Greece and France, according to the guidelines of DG-SANCO



Funded by  
the Better Training for Safer Food  
Initiative of the European Union



*Thank you for your  
kind attention*

*Giorgio Greco*





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## **Better Training for Safer Food BTSF**

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Consumers, Health and Food Executive Agency  
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