

TRACES

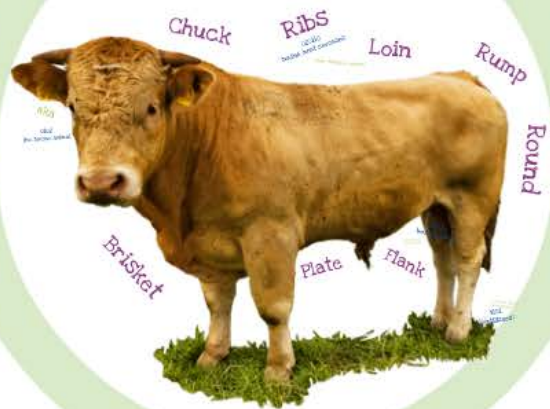
the tool to support trade

TRAdE Control and Expert System

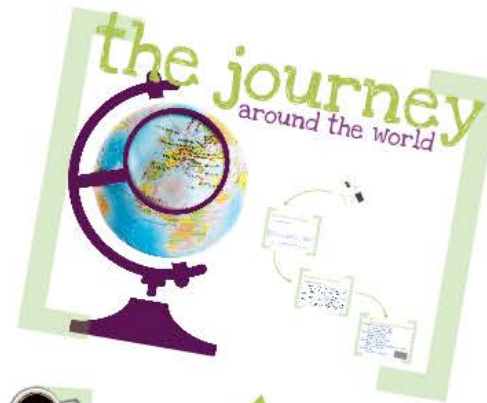
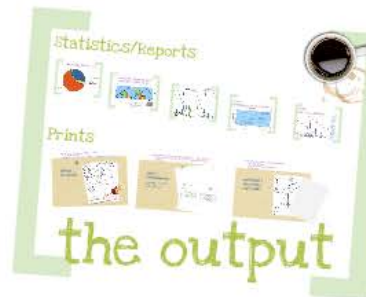
BISF

Head of TRACES Sector, Dr. Didier CARTON

your
consignment



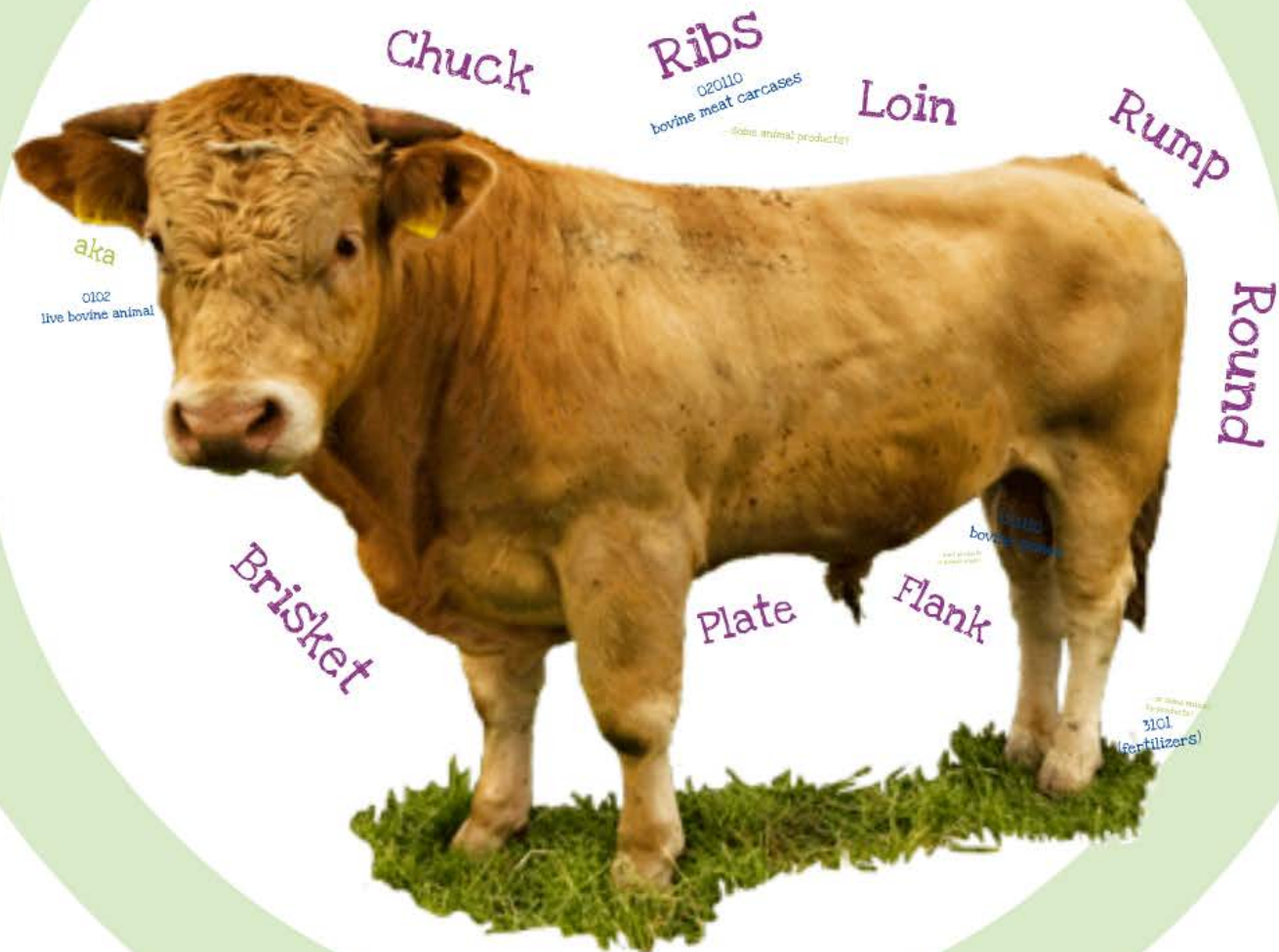
GUARANTEE
BEST
QUALITY
GUARANTEE



the official document
online certification and notification



your



GUARANTEE

Let's imagine you would like to
trade this nice reproductive bull?

Chuck

aka

0102

live bovine animal



Ribs

020110

bovine meat carcasses

... Some animal products?

L

051110 bovine semen

... Some products
of animal origin?

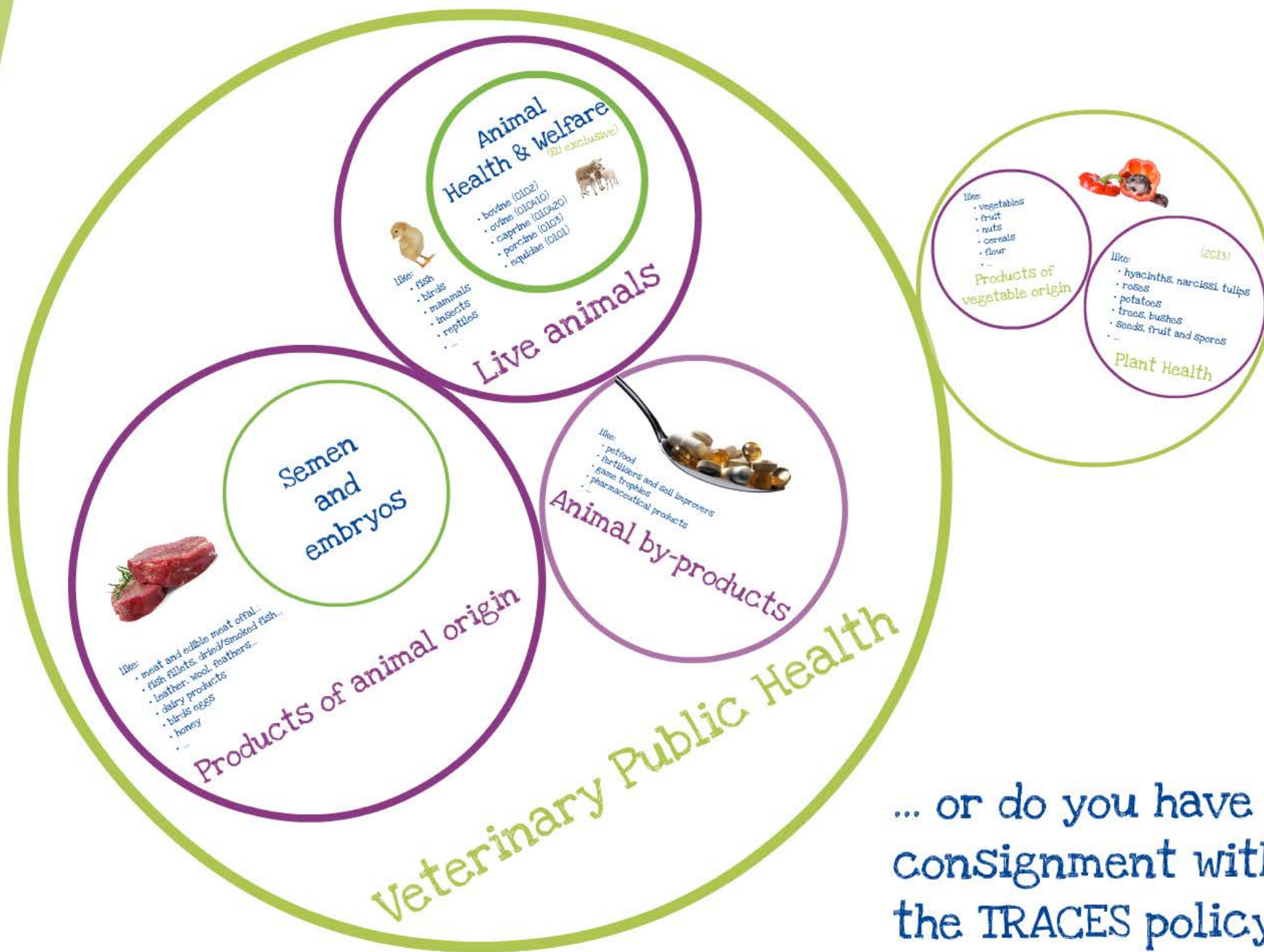




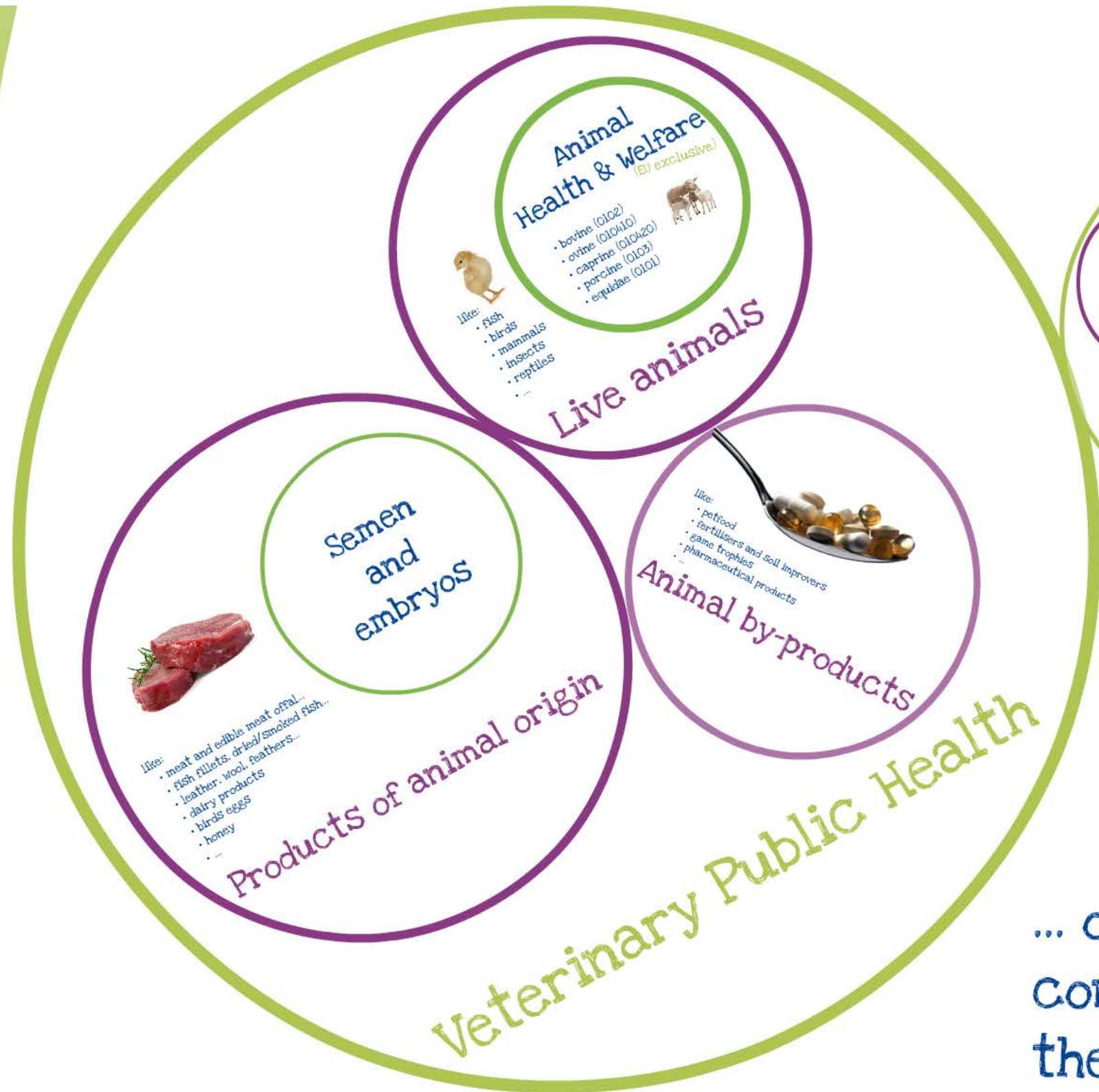
... or Some animal
by-products?

3101

(fertilizers)



... or do you have another consignment within one of the TRACES policy areas?



... or do you
ConSignme
the TRACE

Animal Health & Welfare

(EU exclusive)



like:

- fish
- birds
- mammals
- insects
- reptiles
- ...

- bovine (0102)
- ovine (010410)
- caprine (010420)
- porcine (0103)
- equidae (0101)



Live animals

Semen and embryos



like:

- meat and edible meat offal...
- fish fillets, dried/smoked fish...
- leather, wool, feathers...
- dairy products
- birds eggs
- honey
- ...

Products of animal origin

like:

- fish
- birds
- mammals
- insects
- reptiles
- ...

Live

Animal products

Animal



like:

- petfood
- fertilisers and soil improvers
- game trophies
- pharmaceutical products
- ...

Animal by-products

Health

like:

- vegetables
- fruit
- nuts
- cereals
- flour
- ...

Products of
vegetable origin



like:

- hyacinths, narcissi, tulips
- roses
- potatoes
- trees, bushes
- seeds, fruit and spores
- ...

Plant Health

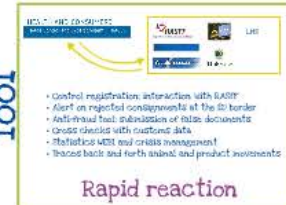
(2013)

... trading your bull (all over the world), is just a click away...

Tool



Tool



Tool



Tool



in short

TRACES, a web-based e-government system:

- centralizes all data
- interconnects all competent authorities involved
- has a multilingual interface
- produces official documents in the desired language(s)
- automates reports and statistics

the official document
online certification and notification

... trading your bull (all over the world), is just a click away...





Welcome Page

TRACES Data
Warehouse

Veterinary
Documents

- Intra Trade
- Animal Health
Certificates
- CVED for Animals
- CVED for Animal
Products
- Veterinary
certificate to EU
- Export Health
Certificates
- Common Entry
Document (CED)
- Commercial
Document
- Declaration
Document
- Empty Certificate

Reporting

- Rejected
Consignments -
CVED for Animals
- Rejected
Consignment -
CVED for Animal
Products

User and
Organisation
Management

- User
Management
- Organisations
- Authorities
- Laboratories

Welcome

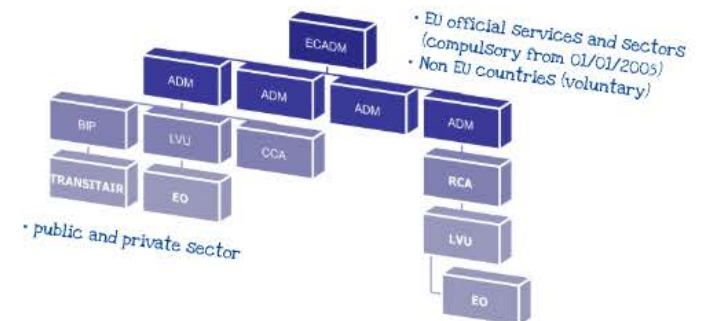
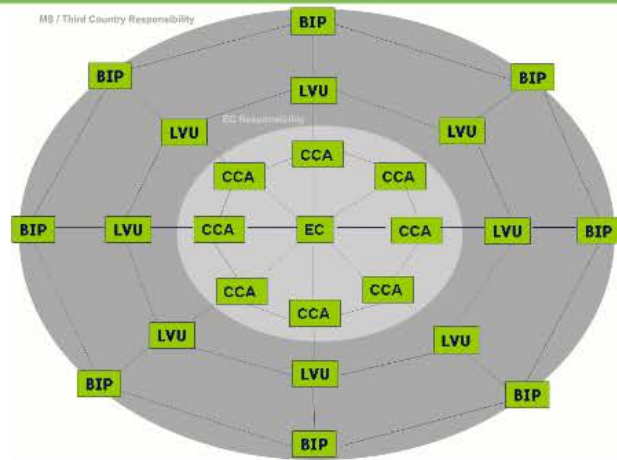
03/12/2010 | TRACES GENERAL HELPDESK LINE

Mail: sanco-traces@ec.europa.eu
Telephone: + 32 2 297 63 50
DG SANCO website : [LINK](#)

in short

TRACES, a web-based e-government system:

- centralizes all data
- interconnects all competent authorities involved
- has a multilingual interface
- produces official documents in the desired language(s)
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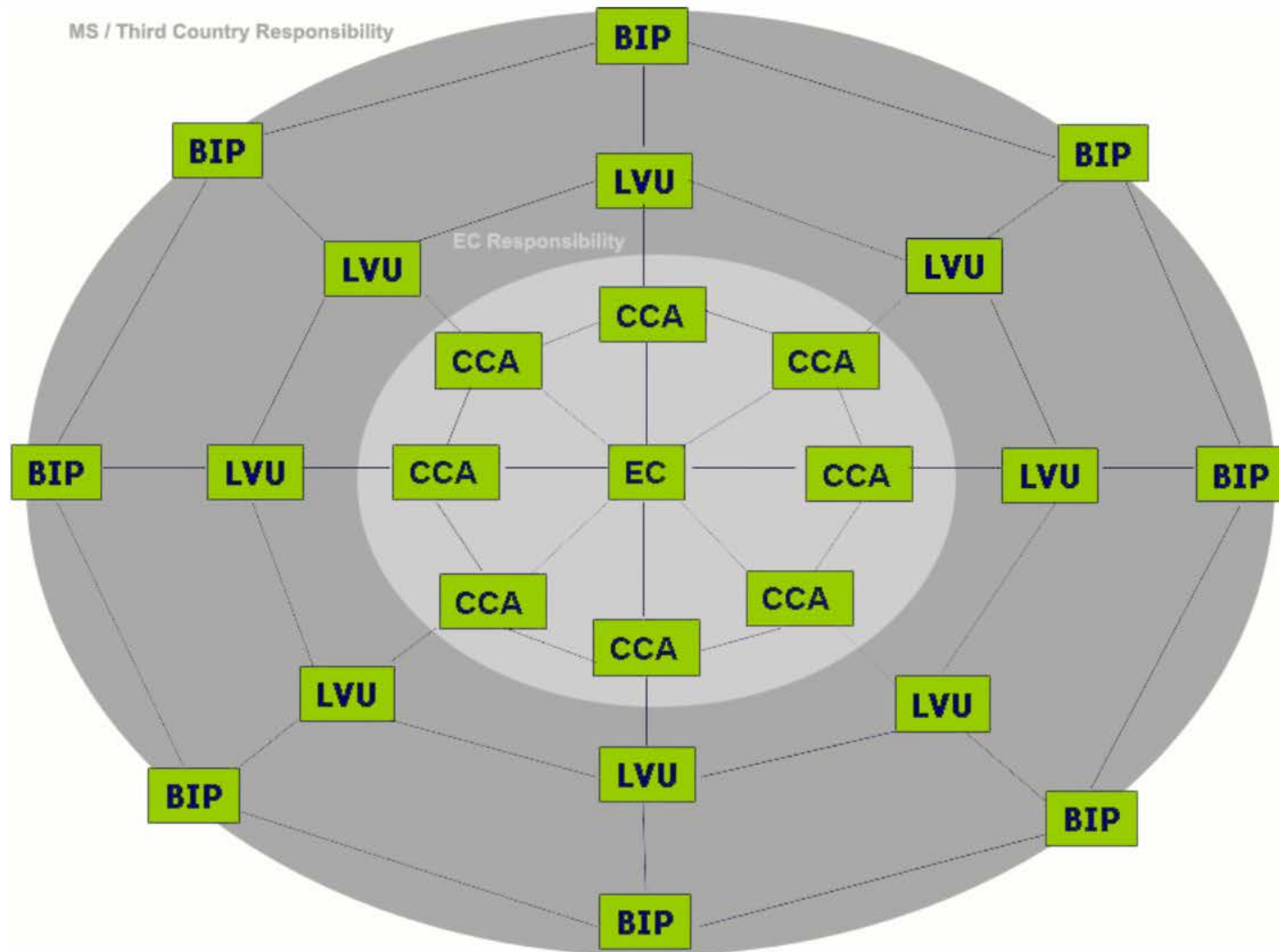


Interconnection and cooperation between...

This allows to:

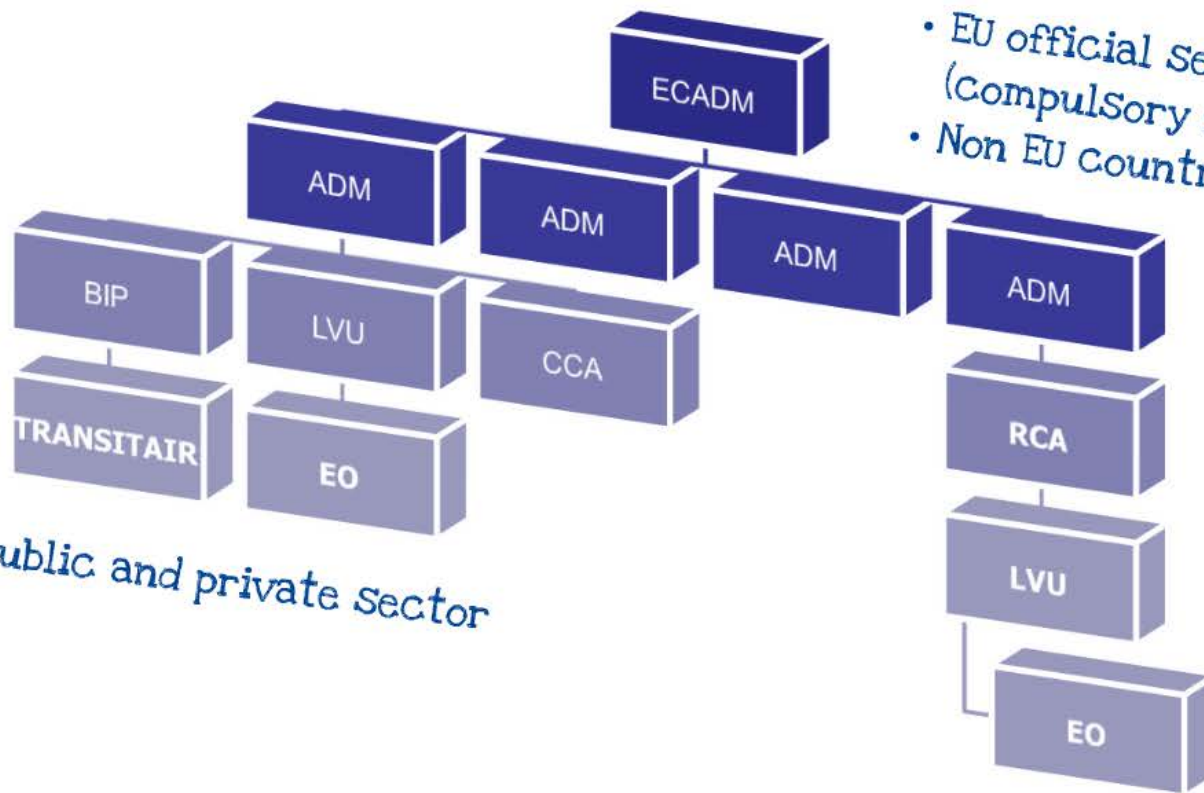
- Speed up the administrative processes
- Send automatic electronic notifications
- Ensure Secured direct access to EU decisions
- Increase Security and Speed of data transmission

Trade facilitation



Interconnection and cooperation between...

- EU official Services and Sectors
(Compulsory from 01/01/2005)
- Non EU countries (voluntary)



- public and private sector



• ED official decision tool for fast
 • Regulatory from 12/05/2007
 • New ED official tool (subentry)
 • Subentry tool

ative processes
 ionic notifications
 access to EU decisions
 Speed of data transmission

tation

Tool

HEALTH AND CONSUMERS

Trade Control and Expert System - TRACES



- Control registration; interaction with RASFF
- Alert on rejected consignments at the EU border
- Anti-fraud tool; submission of false documents
- Cross checks with customs data
- Statistics WEBI and crisis management
- Traces back and forth animal and product movements

Rapid reaction

Tool

References:

- Food Regulation (hygiene package) (EC) 853/2004 and 853/2004
- Animal by-products Regulation (EC) 1069/2009
- Veterinary and Zootechnical Decision 2009/712/EC » EU Scope!

Electronic requests and workflow



Establishment listing

Tool



Follow up of the decision taken

- automatic electronic notification
- end to end information: via direct access
- indirect information via RASFF (in case of rejection)
- re-enforced checks

Workflow



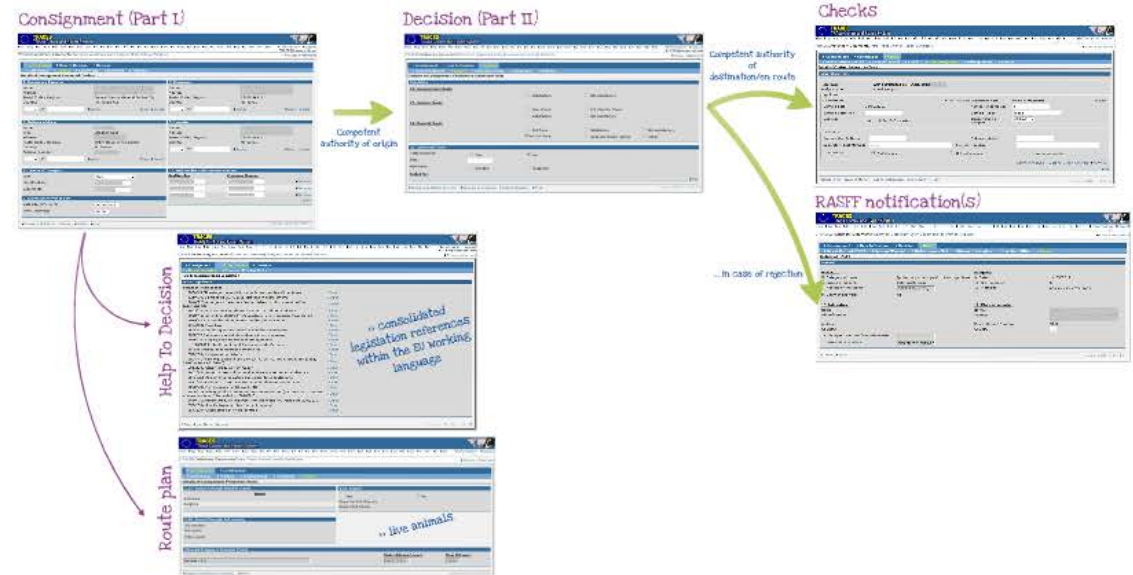
Certification management



Follow up of the decision taken

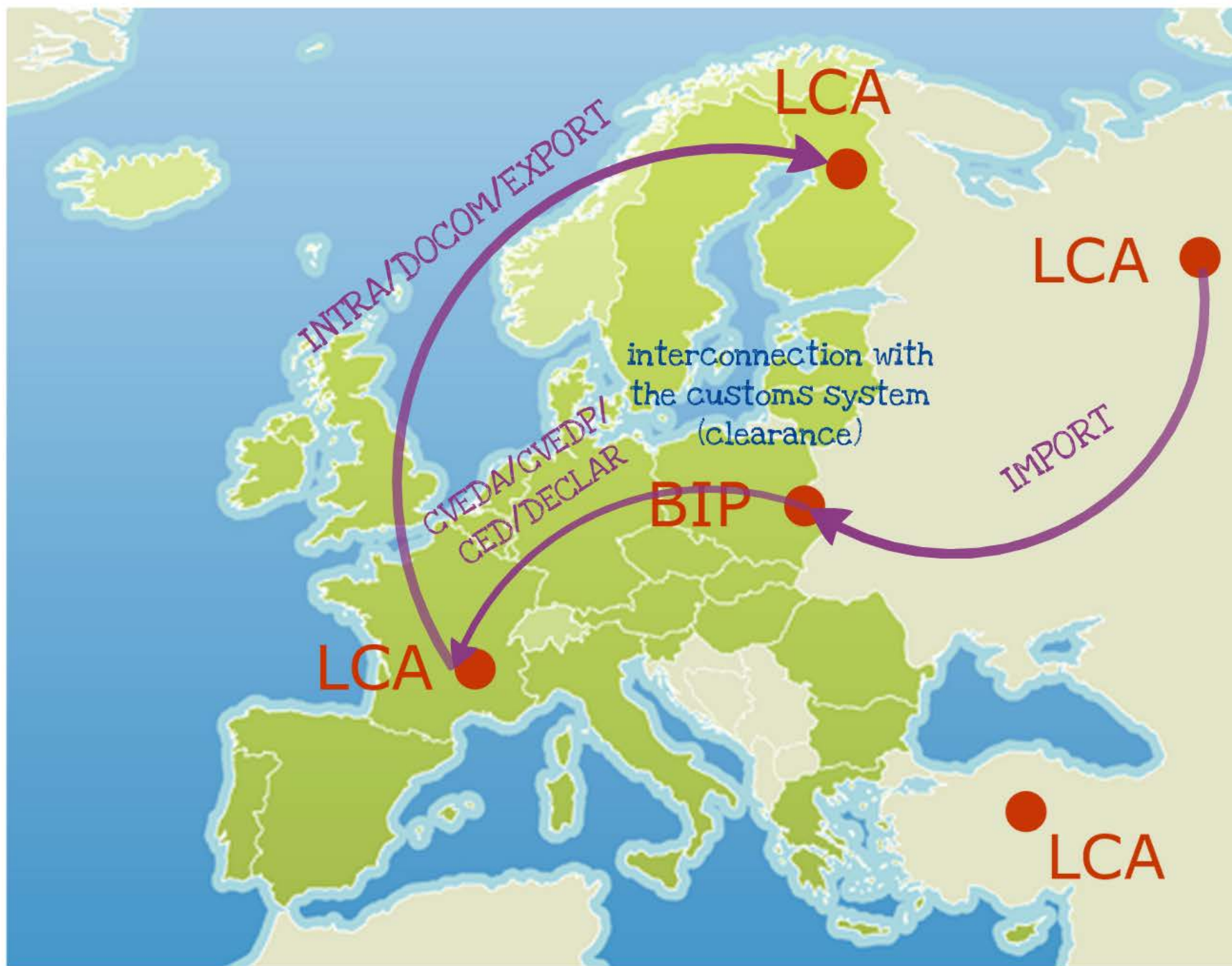
- automatic electronic notification
- end to end information; via direct access
- indirect information via RASFF (in case of rejection)
- re-enforced checks

Workflow



Certification management

Certification process



Workflow

Consignment (Part I)

Decision (Part II)

Competent authority of origin

Competent authority of destination/en route

Checks

RASFF notification(s)

Help To Decision

Route plan

"consolidated legislation references within the EU working language"

"live animals"

ConSignment (Part I)

TRACES
TRADE Control and Expert System

Information Logout
BIP.FR@traces-cbt.net

/TRACES/Veterinary Documents/Common Veterinary Entry Document for Animal Products

Privacy statement

Consignment Help To Decision Decision

References Traders Consignment Transport Purpose

Details of Consignment Presented Traders

1. Consignor / Exporter Name: [redacted] Address: [redacted] Postal Code / Region: General Santos General Santos City Country: PH Philippines NP: [redacted] Assign Clear Select	3. Consignee Name: [redacted] Address: [redacted] Postal Code / Region: 75000 PARIS Country: FR France NP: [redacted] Assign Clear Select															
6. Delivery address Name: [redacted] Type: Establishment Address: [redacted] Postal Code / Region: 29177 Douarnenez Cedex Country: FR France Approval number: [redacted] Assign Clear Select	5. Importer Name: [redacted] Address: [redacted] Postal Code / Region: 75000 PARIS Country: FR France NP: [redacted] Assign Clear Select															
11. Means of transport Type: Ship Identification: [redacted] Documents: [redacted]	10. Seal number and Container number <table border="1"> <thead> <tr> <th>Seal Number</th> <th>Container Number</th> <th></th> </tr> </thead> <tbody> <tr> <td>[redacted]</td> <td>[redacted]</td> <td>Remove</td> </tr> <tr> <td>[redacted]</td> <td>[redacted]</td> <td>Remove</td> </tr> <tr> <td>[redacted]</td> <td>[redacted]</td> <td>Remove</td> </tr> <tr> <td>[redacted]</td> <td>[redacted]</td> <td>Add</td> </tr> </tbody> </table>	Seal Number	Container Number		[redacted]	[redacted]	Remove	[redacted]	[redacted]	Remove	[redacted]	[redacted]	Remove	[redacted]	[redacted]	Add
Seal Number	Container Number															
[redacted]	[redacted]	Remove														
[redacted]	[redacted]	Remove														
[redacted]	[redacted]	Remove														
[redacted]	[redacted]	Add														
9. Estimated Arrival at BIP Date (dd/mm/yyyy): 04/06/2012 Time (hh:mm): 05:00																

Cancel and Return to Menu Delete Print

timestamp: 06-06-12 14:38:11

Decision (Part II)

TRACES
TRADE Control and Expert System

Information Logout
BIP.FR@traces-cbt.net

/TRACES/Veterinary Documents/Common Veterinary Entry Document for Animal Products

Privacy statement

Consignment Help To Decision Decision

Control Authority Checks Laboratory Tests Acceptance Refused

Decision on Consignment: Checks & Laboratory Tests

Checks

26. Documentary Check:

☐ Satisfactory ☐ Not satisfactory

27. Identity Check:

☐ Seal Check ☐ Full Identity Check

☐ Satisfactory ☐ Not satisfactory

28. Physical Check:

☐ Not Done ☐ Satisfactory ☐ Not satisfactory

When not done: ☐ Reduced checks regime ☐ Other

29. Laboratory Tests:

Tests Executed: ☐ Yes ☒ No

Date: [redacted]

Motivation: ☐ Random ☐ Suspicion

Tested for: [redacted] Add

Cancel and Return to Menu Save as in progress Submit decision Print

timestamp: 06-06-12 14:33:33

Competent
authority of origin

Help To Decision

Route plan

TRACES
TRADE Control and Expert System

Information Logout
BIP.FR@traces-cbt.net

/TRACES/Veterinary Documents/Common Veterinary Entry Document for Animal Products

Privacy statement

Consignment Help To Decision Decision

Help To Decision: Basis Legislation

Radio Legislation

Legislation	
2000/13 Etiquetage, présentation et pub des denrées alimentaires	Open
1250/2008 amending 2074/2005 certification requirements	Open
2010/225 emergency measures farmed fishery products imported from Indonesia HC	Open
2009/160 lion autorisation de mise sur le marché de la bétail	Open
2008/463 amending 2002/994 (Aquaculture fishery products from China)	Open
1999/3 Liste denrées alimentaires traitées par ionisation	Open
178/2002 Food Law	Open
76/621 Acide érucique dans huiles et denrées alimentaires	Open
2002/32 Substances indésirables dans aliments animaux	Open
2076/2005 laying down transitional arrangements	Open
146/2009 interdiction import fishery products Cameroon	Open
88/288 Arômes dans denrées alimentaires	Open
852/2004 hygiene of foodstuffs	Open
2004/41 Food hyg. & health (ex 64/433, 77/96, 91/492 & 493 & 494 & 495, 92/43 & 44 & 45, 94/65)	Open
501/2007 fishery products from Gabon	Open
2002/67 Performances méthodes d'analyse et interprétation résultats	Open
85/2 Additifs alimentaires autres que colorants et édulcorants	Open
1891/2006 Teneur maximale contaminant denrées alimentaires	Open
2002/308 Fish diseases (VHS) and (IHN)	Open
2004/216 fishery products imported from Indonesia HC (NB, does NOT concern aquaculture origin) (repealed by 2010/219)	Open
2010/219 fishery products imported from Indonesia HC (repealing 2006/236)	Open
853/2004 Specific hygiene rules food animal origin	Open
854/2004 Organisation of official controls	Open

Cancel and Return to Menu

timestamp: 06-06-12 14:21:29

» consolidated
legislation references
within the EU working
language

TRACES
TRADE Control and Expert System

Information Logout
BIP.FR@traces-cbt.net

/TRACES/Veterinary Documents/Intra Trade Animal Health Certificate

Privacy statement

Consignment Certification

References Traders Consignment Transport Route

Details of Consignment Presented: Route

1.27. Transit through Member states <table border="1"> <thead> <tr> <th>Name</th> <th></th> </tr> </thead> <tbody> <tr> <td>Romania</td> <td></td> </tr> <tr> <td>Bulgaria</td> <td></td> </tr> </tbody> </table>	Name		Romania		Bulgaria		1.28. Export <input checked="" type="radio"/> Yes Export to 3rd Country: Export Exit Point: [redacted]
Name							
Romania							
Bulgaria							
1.26. Transit through 3rd country 3rd country: [redacted] Exit point: [redacted] Entry point: [redacted]							
Planned Staging or Transfer Points <table border="1"> <thead> <tr> <th>Bechet - RQ</th> <th>Date (dd/mm/yyyy)</th> <th>Time (hh:mm)</th> </tr> </thead> <tbody> <tr> <td>[redacted]</td> <td>26/07/2012</td> <td>03:00</td> </tr> </tbody> </table>		Bechet - RQ	Date (dd/mm/yyyy)	Time (hh:mm)	[redacted]	26/07/2012	03:00
Bechet - RQ	Date (dd/mm/yyyy)	Time (hh:mm)					
[redacted]	26/07/2012	03:00					

Cancel and Return to Menu Print

timestamp: 06-06-12 14:43:16

» live animals

Competent
destination

... in case

Checks

Competent authority
of
destination/en route

TRACES
TRAdE Control and Expert System

ba bg cs da de el en es et fi fr hr hu il it lt lv mk mt nl nw pl pt ro ru sk sl sq sr sv tr zh Information Logout

/TRACES/Veterinary Documents/Intra Trade Animal Health Certificate Privacy statement

Consignment Certification **Control**

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

Detail of Control: Laboratory Tests

Laboratory Test

Reference: LAP-000185383-INTRA.DE.2012.

Analysis type: Initial Analysis

Applicant:

Laboratory: Clear Select Laboratory Test: Brucella melitensis Select

Sample date: 04/06/2012 Number of samples: 6

Sample Batch Nr.: Sample Type: Blood

Species: 1. 0104 10 Ovis aries Conservation of sample: Chilled

Laboratory:

Sample Use By Date: Released date:

Laboratory Test Method: Select Results:

Conclusion: Satisfactory Not satisfactory Not interpretable

Counter Analysis Second Expert Analysis Remove Add

Cancel and Return to Menu Submit Laboratory Test Results Print ranstan: 08-28-12 14:47:20

RASFF notification(s)

... in case of rejection

TRACES
TRAdE Control and Expert System

ba bg cs da de el en es et fi fr hr hu il it lt lv mk mt nl nw pl pt ro ru sk sl sq sr sv tr zh Information Logout

/TRACES/Veterinary Documents/Common Veterinary Entry Document for Animal Products Privacy statement

Consignment Help To Decision Decision **RASFF**

Select Current RASFF General/Product Risk/Measure/Lot Origin/Distribution Rejection/Other **Hazard**

Details of RASFF

Hazard

Hazard 1:

5. Category of hazard: (potentially) pathogenic micro-organisms

6. Nature of hazard: Salmonella spp.

7. Results of the tests: DETECTED IN 25g

8. Counter analysis: No

13. Laboratory:

Name:

Identification:

Address:

Country:

14. Sample treatment/analysis matrix:

15. Method of analysis: BDS EN ISO 6579:20

Sampling:

9. Date: 11/03/2012

10. N of samples: 5

11. Method: BDS EN ISO 6579:2003

12. Place of sampling

Name:

Address:

Postal Code / Region: 9160

Country:

Close Print ranstan: 08-28-12 14:34:41

References:

- Food Regulation (hygiene package) (EC) 852/2004 and 853/2004
- Animal by-products Regulation (EC) 1069/2009
- Veterinary and Zootechnical Decision 2009/712/EC » EU Scope!

Electronic requests and workflow

The screenshot shows the TRACES (Trade Recognition and Control of Imports and Exports) system interface. The top section is titled 'Establishment list' and displays a table with columns for 'Date', 'Status', and 'State'. Below this, there is a section for 'Member States' with a table listing various countries and their corresponding 'Status' and 'Date'.

Date	Status	State
2009/01/12 10:08	Not	(The Canadian Food Inspection Agency / Agence Canadienne d'Inspection des Aliments, C.I.A.)
2009/01/12 10:08	Member State Consultation	

Member State	Member State	Decision	Date	Reconsideration	Remark
Austria	By Decision				
Belgium	By Decision				
Bulgaria	By Decision				
Croatia	By Decision				
Czech Republic	By Decision				
Denmark	By Decision				
Estonia	By Decision				
Finland	By Decision				
France	By Decision				
Germany	By Decision				
Greece	By Decision				
Hungary	By Decision				

(Food: Member States
Consultation: 20 days)

Automatic
publication onto
Europa website
(Food: 10 days)

The screenshot shows the TRACES system interface with a table of establishments. The table has columns for 'Date', 'Status', 'State', 'Type', 'Address', 'Contact', 'Phone', 'Fax', 'Email', and 'Website'.

Date	Status	State	Type	Address	Contact	Phone	Fax	Email	Website
2009/01/12 10:08	Not	(The Canadian Food Inspection Agency / Agence Canadienne d'Inspection des Aliments, C.I.A.)							
2009/01/12 10:08	Member State Consultation								

Record and archive
in TRACES

Establishment listing

HEALTH AND CONSUMERS

TRAdE Control and Expert System - TRACES



LMS

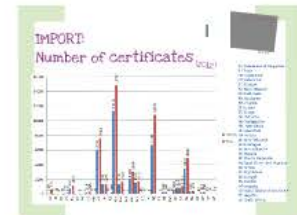
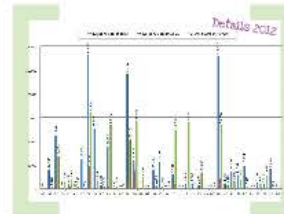
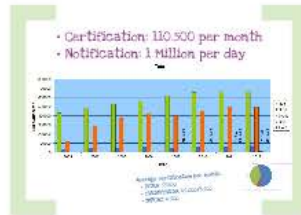


QlikView

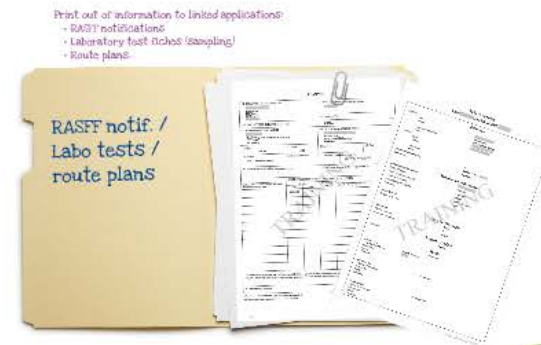
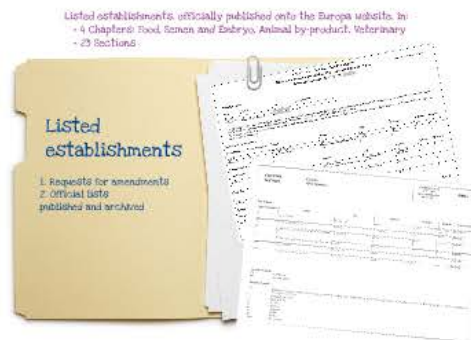
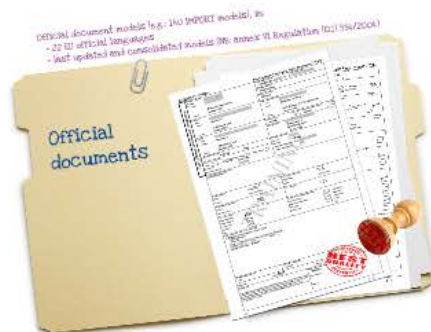
- Control registration; interaction with RASFF
- Alert on rejected consignments at the EU border
- Anti-fraud tool; submission of false documents
- Cross checks with customs data
- Statistics WEBI and crisis management
- Traces back and forth animal and product movements

Rapid reaction

Statistics/Reports



Prints



the output

Official document models (e.g.: 140 IMPORT models), in:

- 22 EU official languages
- last updated and consolidated models (NB: annex VI Regulation (EC) 854/2004)

Official
documents

[illegible]

Listed establishments, officially published onto the Europa website, in:

- 4 Chapters: Food, Semen and Embryo, Animal by-product, Veterinary
- 23 Sections

Listed establishments

1. Requests for amendments
2. Official lists: published and archived

Date of printing: 22/01/2013

TRACES - LIST MANAGEMENT SYSTEM

Request for amendments of NEW ZEALAND establishments' lists
Reference Number: LIST.NZ.2012. [redacted]

Workflow History		User	On Behalf Of
Date	Status		
20/12/2012	Done		
07/10/2012	Reactive State Cancellation		

The MINISTRY OF PRIMARY INDUSTRIES of NEW ZEALAND communicate the following amendments to the list of approved establishments for export to the European Union
KMD/Meat of domestic ungulates, FFP/Fishery products, MMP/Raw milk and dairy products, WM/Wild game meat
The establishments have been inspected by our services and we declare they fulfill the requirements of Regulation 854/2004, Chapter III and Regulation 853/2004, Article 6 + Specific requirements in Annex III.

Amendments	Approval number	Name	Address	City	Region	Activities	Remark
Address	575	Edwin's Camp Limited	120	Wellington	Wellington	PP	
Modification	575	Edwin's Camp Limited	Edwin's Cookhouse, Mount Wharfedale, Port Nelson	Wellington	Wellington	PP	

Section: FFP/Fishery products

Amendments	Approval number	Name	Address	City	Region	Activities	Remark
Address	575	Edwin's Camp Limited	120	Wellington	Wellington	PP	
Modification	575	Edwin's Camp Limited	Edwin's Cookhouse, Mount Wharfedale, Port Nelson	Wellington	Wellington	PP	

Section: MMP/Raw milk

Amendments	Approval number	Name	Address	City	Region	Activities	Remark
Address	575	Edwin's Camp Limited	120	Wellington	Wellington	PP	
Modification	575	Edwin's Camp Limited	Edwin's Cookhouse, Mount Wharfedale, Port Nelson	Wellington	Wellington	PP	

Section: WM/Wild game meat

Amendments	Approval number	Name	Address	City	Region	Activities	Remark
Address	575	Edwin's Camp Limited	120	Wellington	Wellington	PP	
Modification	575	Edwin's Camp Limited	Edwin's Cookhouse, Mount Wharfedale, Port Nelson	Wellington	Wellington	PP	

COUNTRY SECTION

Canada

Meat products

Validity date from 17/07/2012
Date of publication 04/07/2012
00026

List in force

Approval number	Name	City	Region	Activities	Remark	Date of request
112	Bonnet Canada Inc.	Saint Hyacinthe	Quebec	CS, PP		01/01/2011
170	Wing Wing Company Limited	Vancouver	British Columbia	CS, PP	22, A, B, C, P, R, whU	01/01/2011
172	La Miniere Aliments pour Biches Inc./Maison des Biches Foods Inc.	Saint-Léonard	Quebec	CS, PP	16, 22, P	01/01/2011
25	Camphel Company INC/Canada Compagnie Camphel Du Canada	Toronto	Ontario	CS, PP	21, B, C, P	01/01/2011
8 753	Bonnet Canada Inc.	Saint Hyacinthe	Quebec	PP	22, A	01/01/2011
8 757	Empire Foodservice International, Inc.	Saint-Laurent	Quebec	CS	2	25/01/2010
				CS	16, 2	09/10/2009

Activities Legend :

- CS Cold Stores
- PP Processing Plant

Remarks Legend :

- 16 Establishments are authorised within the meaning of Article 3 of Regulation 2075/2005 to perform the freezing treatment in accordance with Annex II of this regulation under the supervision of the competent authority.
- 22 Packaged meat only
- A Meat products
- Poultry
- B Bovine
- O Ovis/aries
- P Porc
- R Ruminants
- whU Wild game meat

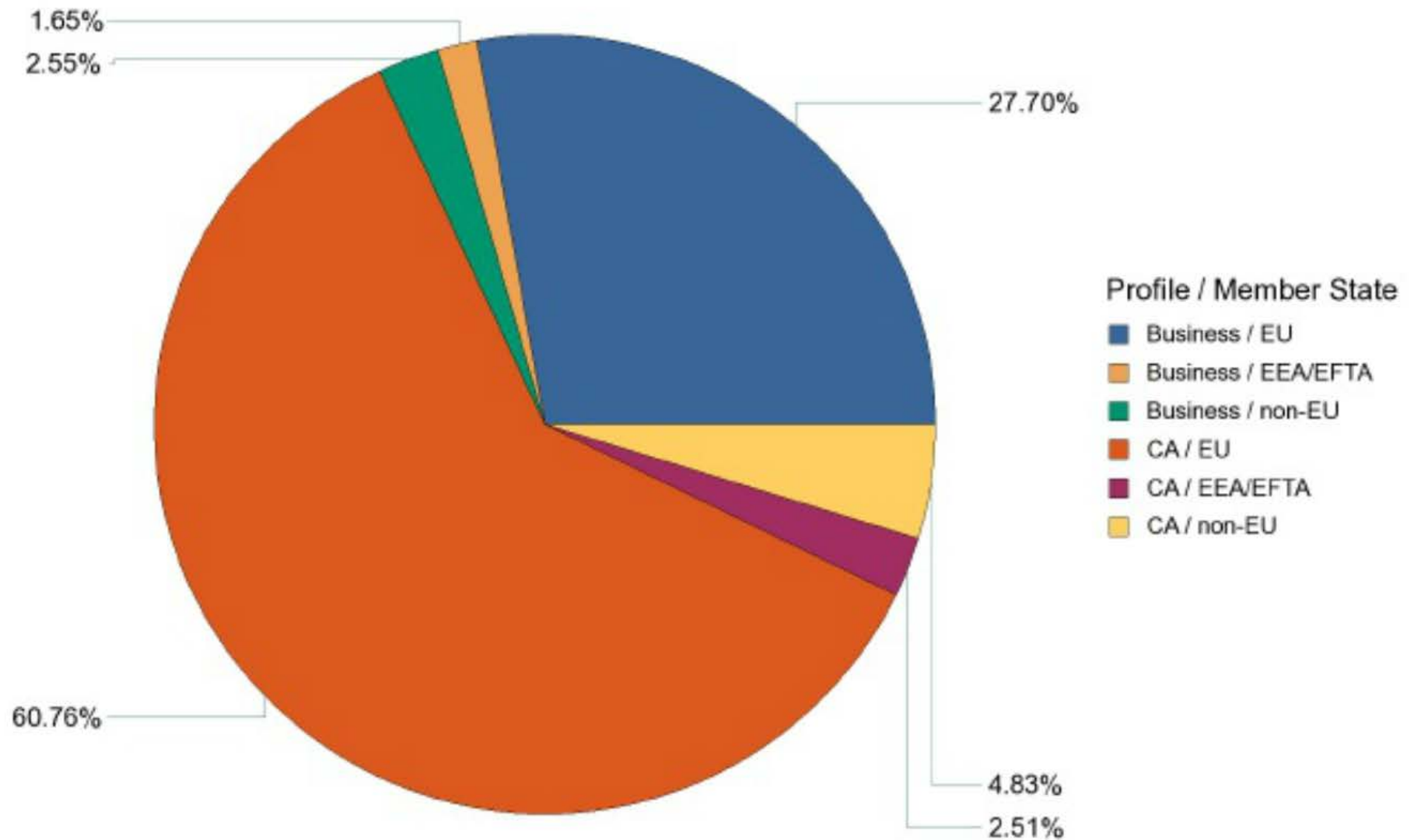
- RASFF notifications
- Laboratory test fiches (sampling)
- Route plans...

RASFF notif. /
Labo tests /
route plans

[illegible]

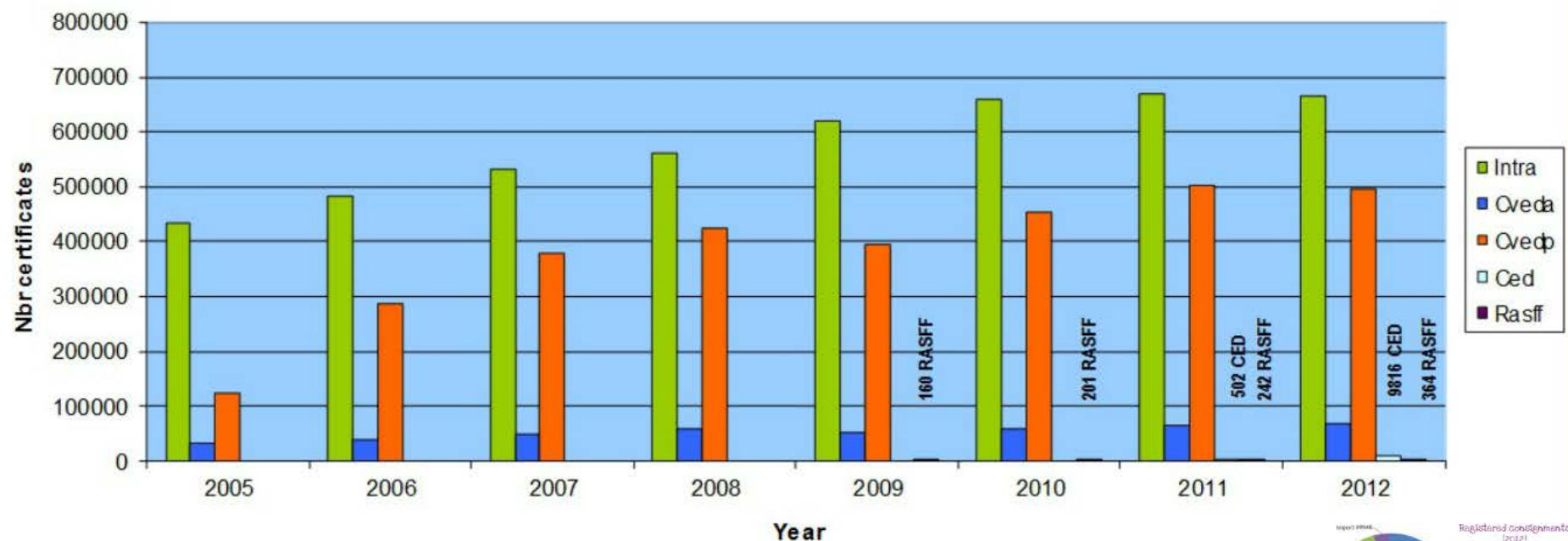
Accounts: 22.000

(active
in 2012)



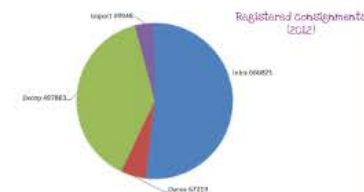
- Certification: 110.500 per month
- Notification: 1 Million per day

Total



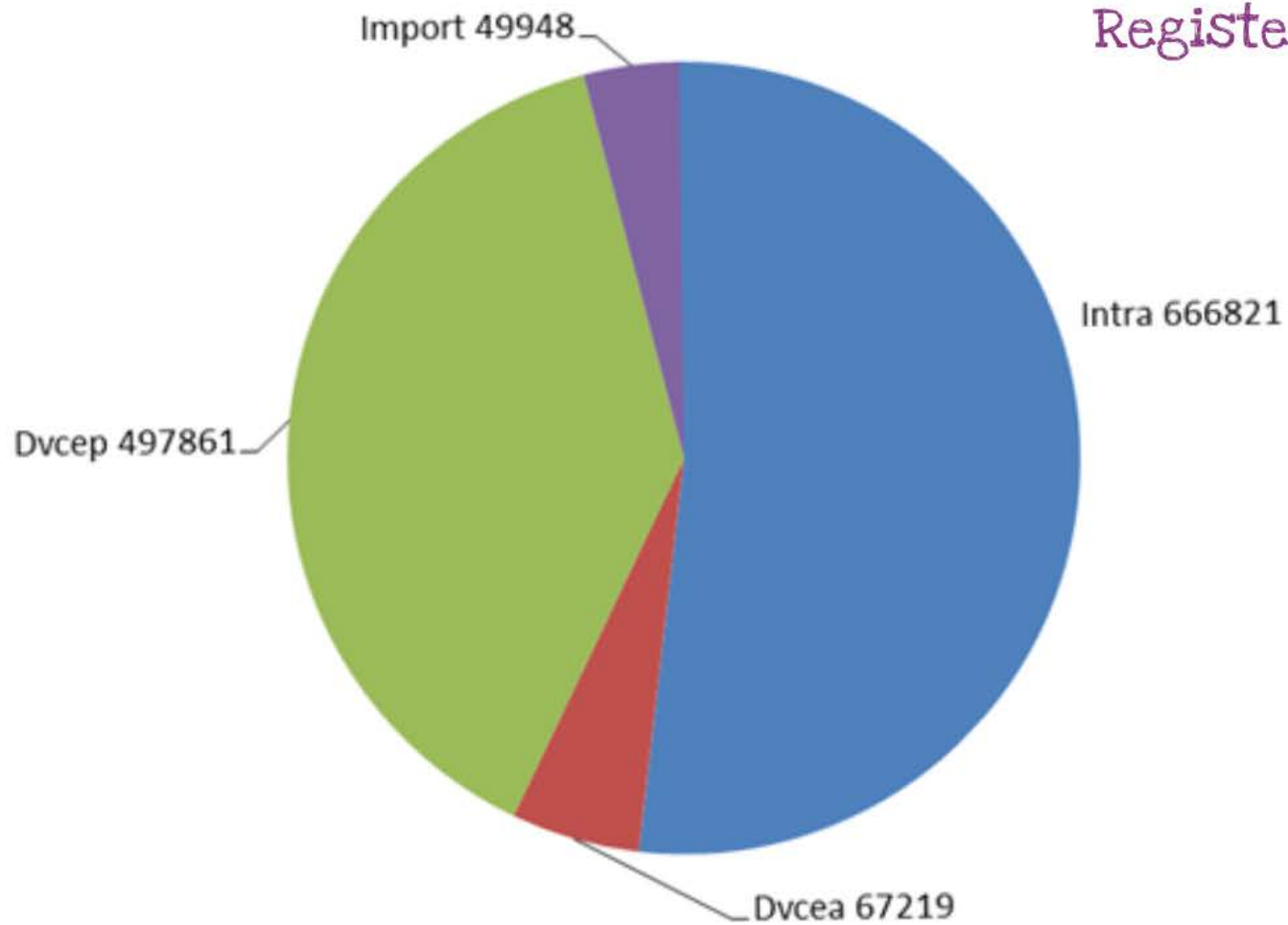
Average certification per month:

- INTRA: 55.500
- CVEDP/CVEDA: 45.000/5.500
- IMPORT: 4.500

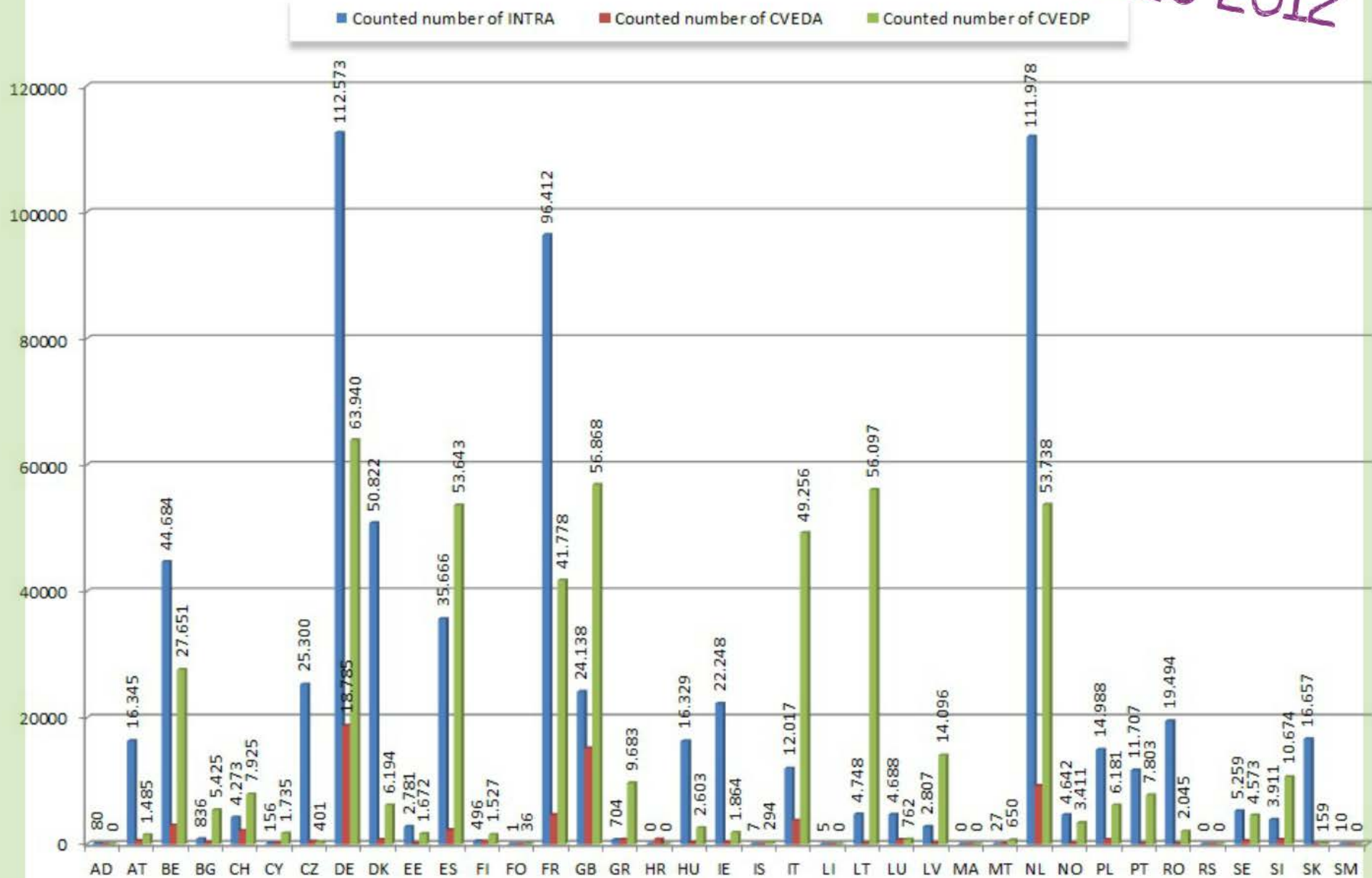


2012

Registered consignments (2012)

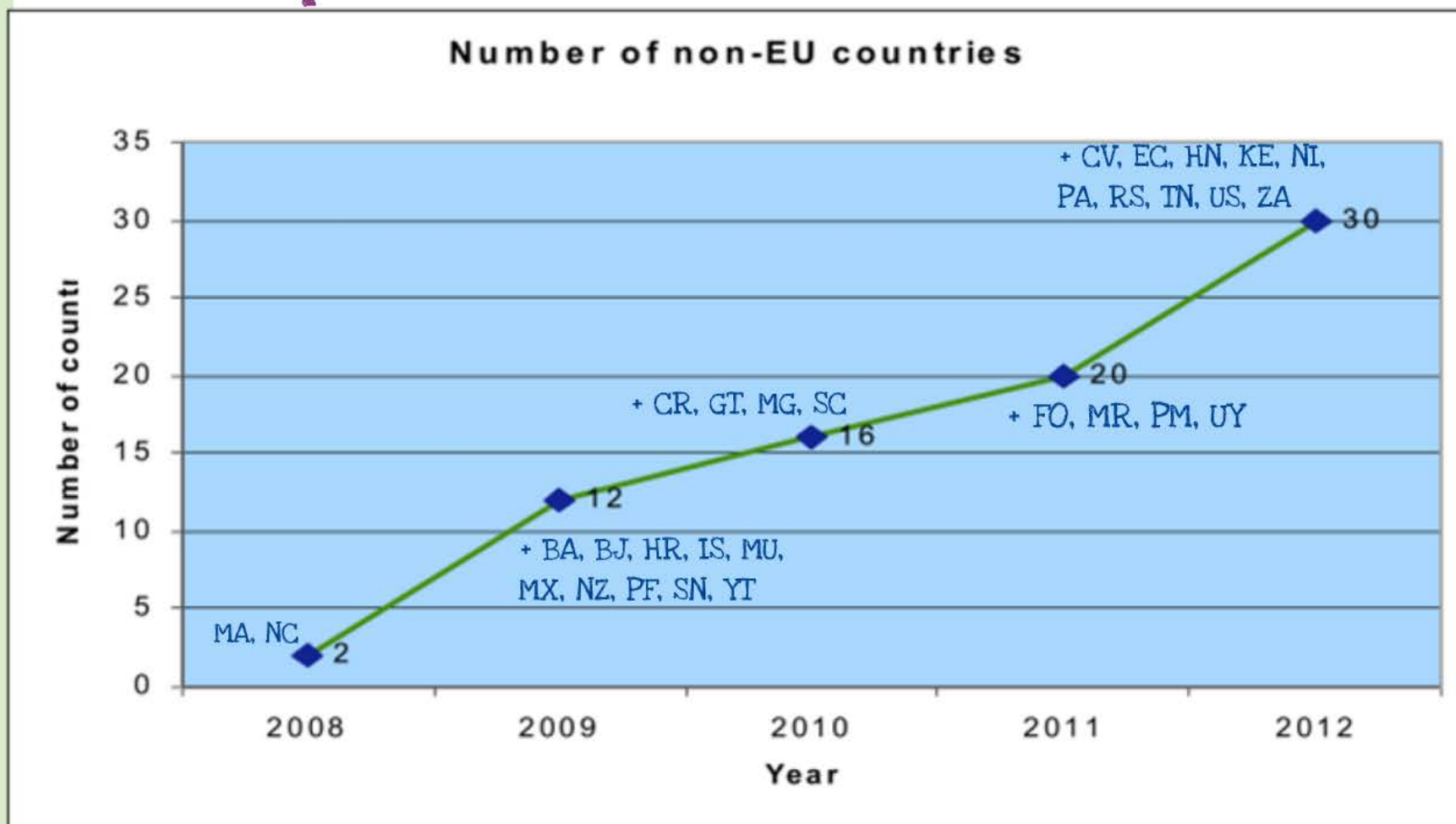
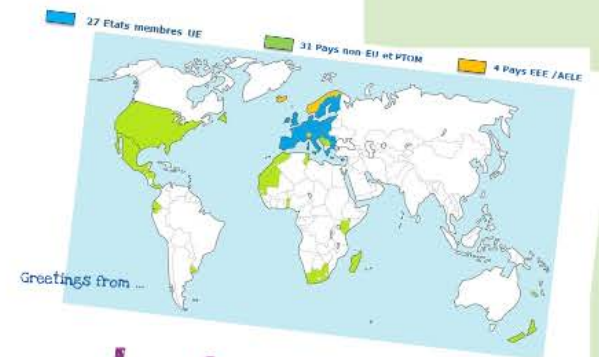


Details 2012

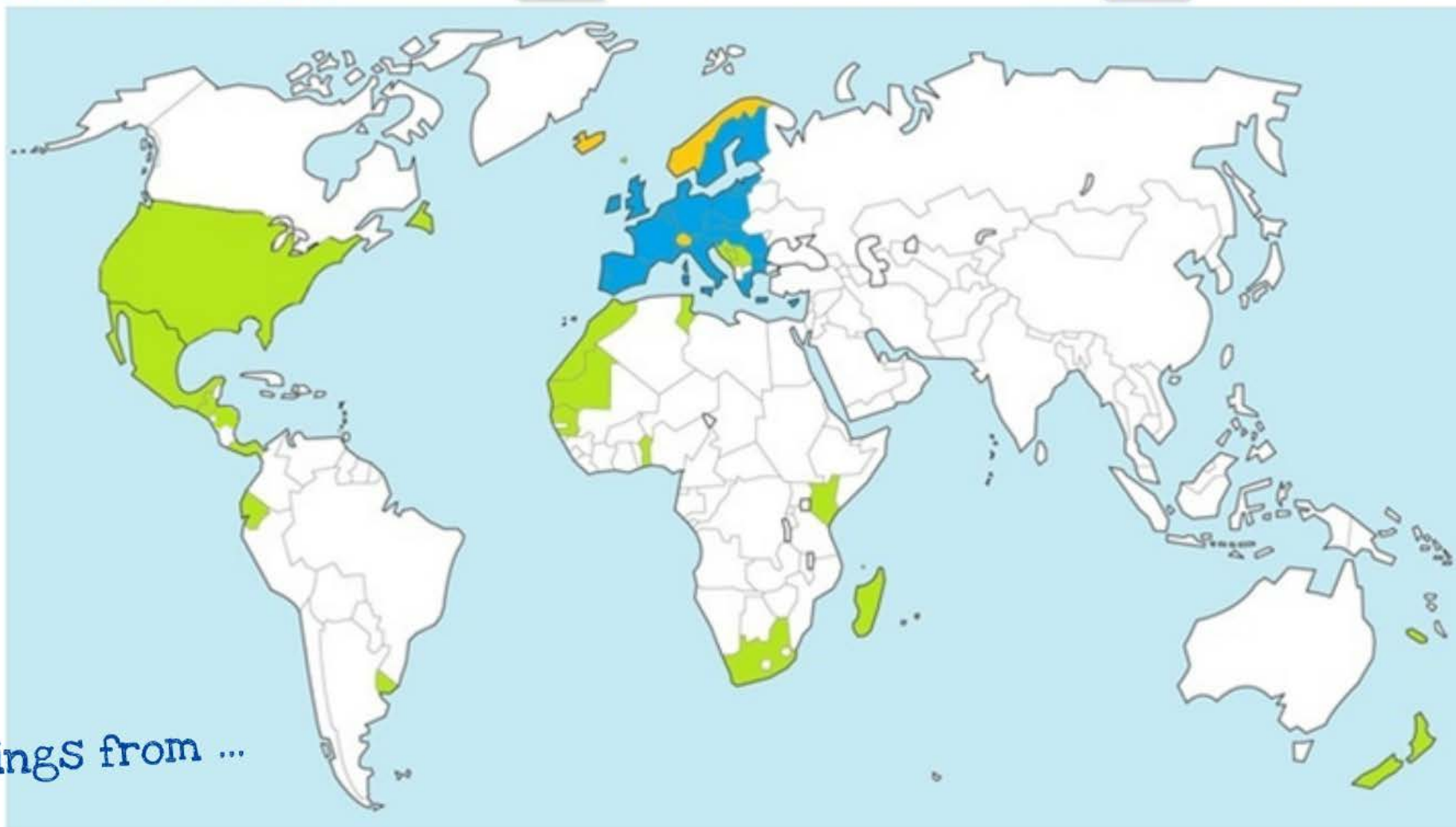


IMPORT:

Participation of non-EU countries



27 Etats membres UE 31 Pays non-EU et PTOM 4 Pays EEE / AELE

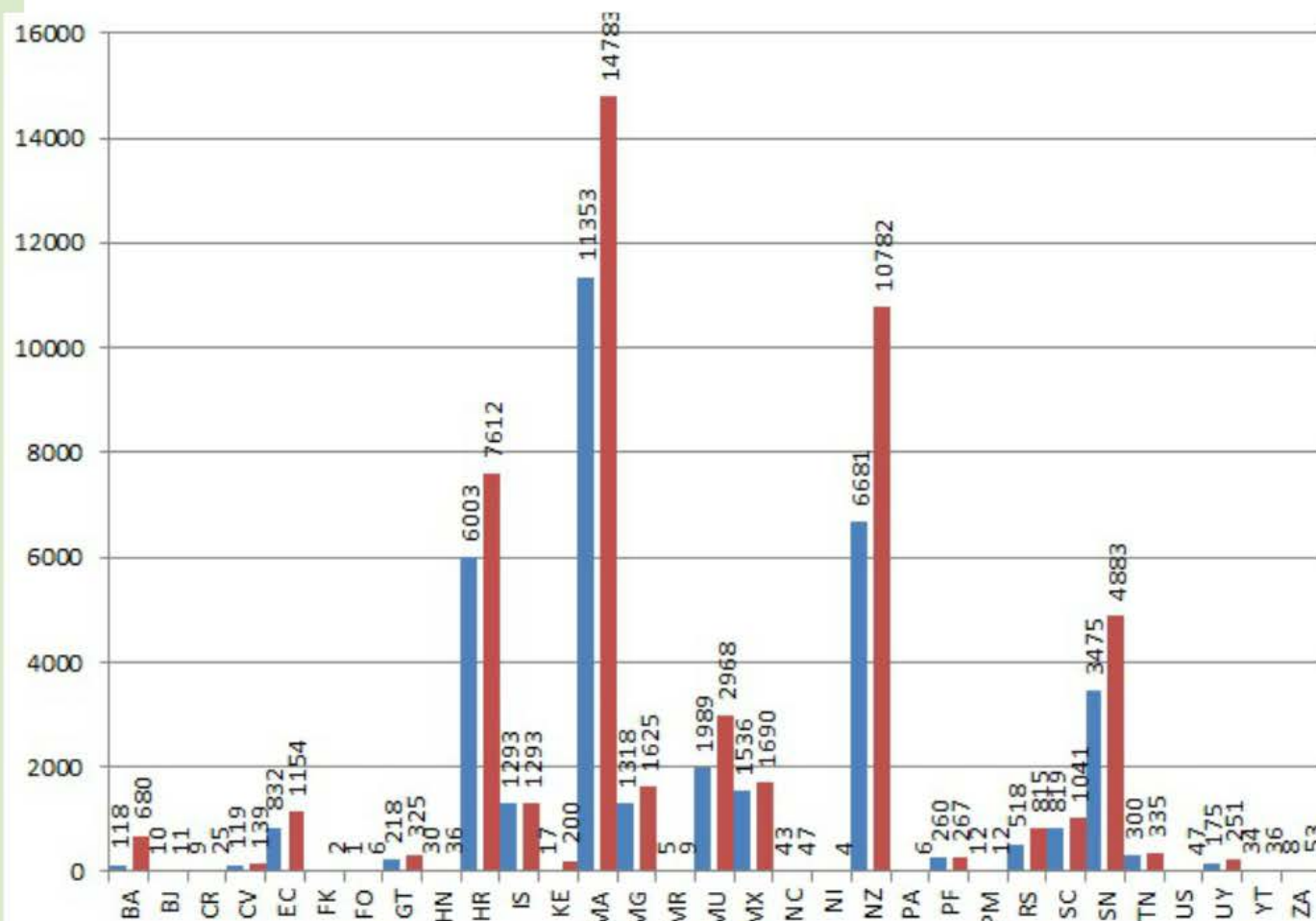


Greetings from ...

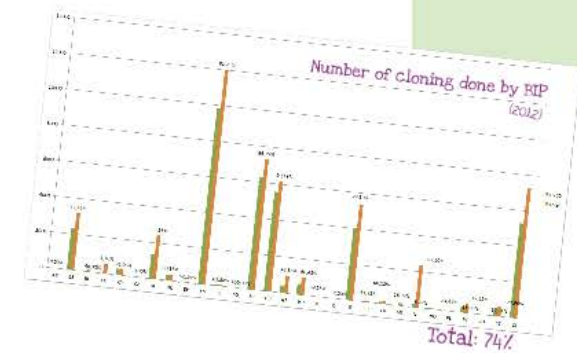


IMPORT:

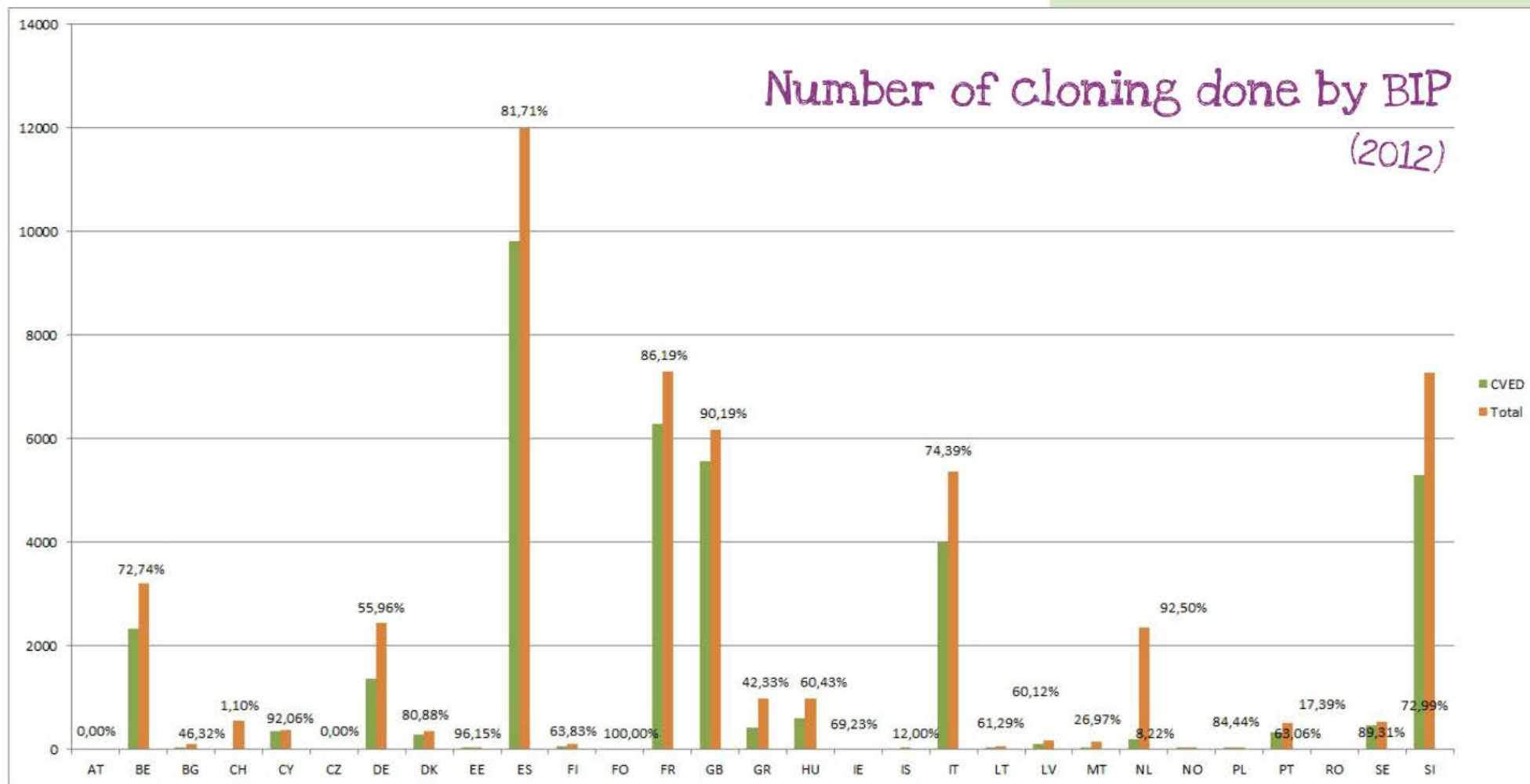
Number of certificates (2012)



BA: Bosnia and Herzegovina
 BJ: Benin
 CR: Costa Rica
 CV: Cabo Verde
 EC: Ecuador
 FO: Faroe Islands
 GT: Guatemala
 HN: Honduras
 HR: Croatia
 IS: Iceland
 KE: Kenya
 MA: Morocco
 MG: Madagascar
 MR: Mauritania
 MU: Mauritius
 MX: Mexico
 NC: New Caledonia
 NI: Nicaragua
 NZ: New Zealand ★
 PA: Panama
 PF: French Polynesia
 PM: Saint Pierre and Miquelon
 RS: Serbia
 SC: Seychelles
 SN: Senegal
 TN: Tunisia
 UY: Uruguay
 US: United States of America ★
 YT: Mayotte
 ZA: South Africa

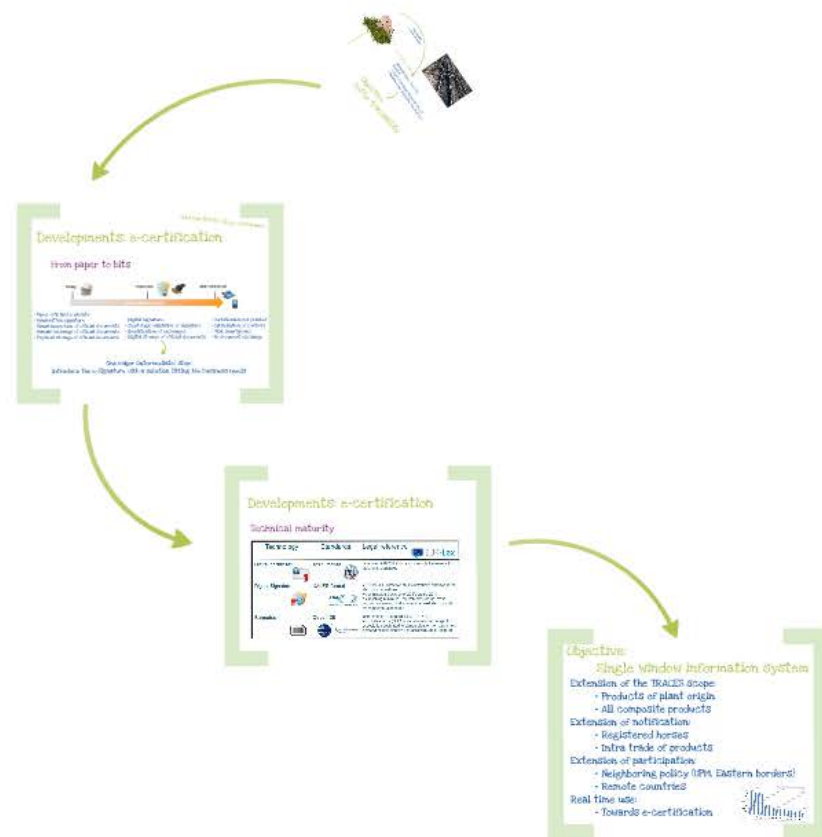


Number of cloning done by BIP (2012)



Total: 74%

the journey around the world



How it all began...



traceability
= trade security



... by a sanitary crisis

Classical Swine fever 1997

Reports:

- Court of Auditors (Report N° 1/2000)
- Parliamentary Resolution (A5-396/2000)

How it all began...

Objective:
Better traceability

and the TRACES story continues...

Developments: e-certification

From paper to bits



- Paper official documents
- Handwritten Signature
- Visual inspection of official documents
- Manual exchange of official documents
- Physical storage of official documents





- Digital Signature
- Cryptologic validation of Signature
- Simplification of exchanges
- Digital storage of official documents

- Certification not printed
- Optimization of controls
(PDA, Smartphone)
- No document exchange

One major (intermediate) step:
introduce the e-Signature with a solution fitting the business needs

Developments: e-certification

Technical maturity

Technology	Standards	Legal reference 
Digital certificate 	X509 format 	Directive 1999/93/EC on a Community framework for electronic signatures
Digital Signature 	XAdES format 	<ul style="list-style-type: none">• 1999/93/EC Directive on a Community framework for electronic signatures• Commission Decision of 25 February 2011 establishing minimum requirements for the cross-border processing of documents signed electronically by competent authorities
Barcodes 	Code 128  The global language of business	<ul style="list-style-type: none">• International Standard ISO/IEC 15417• GS1 standards (GS 1 is an international non-profit association dedicated to standardization for supply and demand chains globally and across multiple sectors)

Objective:

Single window information system

Extension of the TRACES Scope:

- Products of plant origin
- All composite products

Extension of notification:

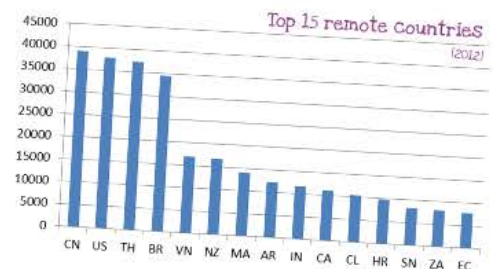
- Registered horses
- Intra trade of products

Extension of participation:

- Neighboring policy (UPM, Eastern borders)
- Remote countries

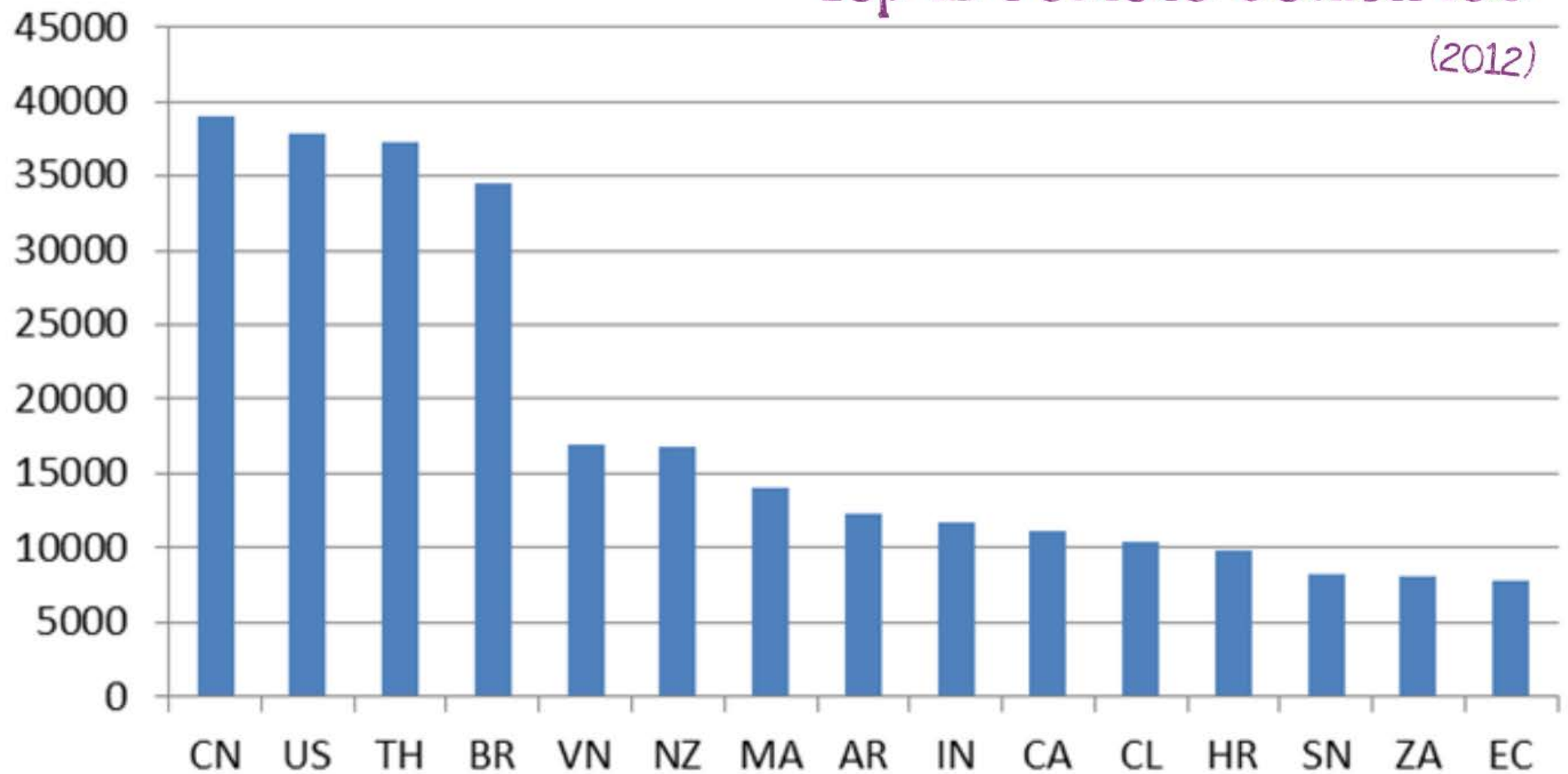
Real time use:

- Towards e-certification



Top 15 remote countries

(2012)





your trade partner

★happy★



... and his consumer(s)

trade

★happy★



... and his consumer(s)



References

HEALTH AND CONSUMERS
TRAde Control and Expert System - TRACES

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<http://ec.europa.eu/traces/>

Presentation: <http://prezi.com/uSer/TRACES/>

TRACES Application: <https://webgate.ec.europa.eu/sanco/traces/>

TRACES Toolkit

<https://circabc.europa.eu/w/browse/ac0bd3d2-66ae-4234-b09c-a3fa9854acfd>

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