



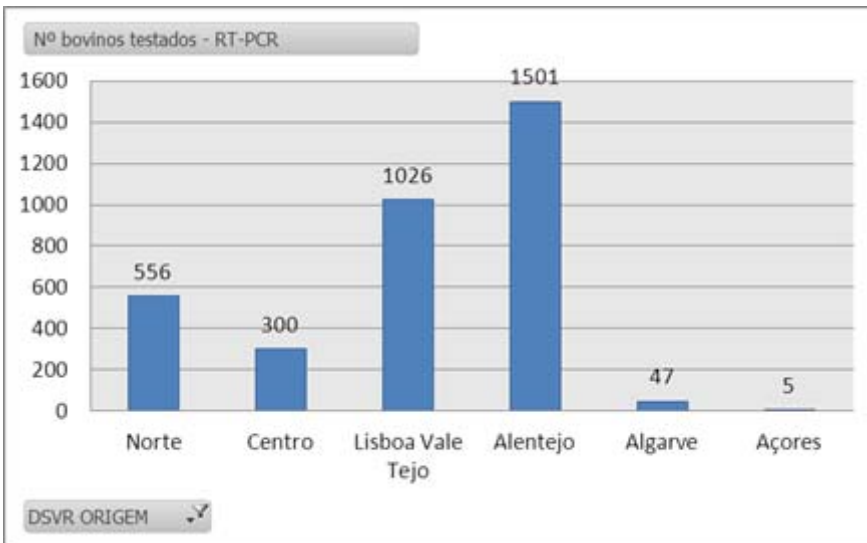
# Bluetongue

## Update Situation

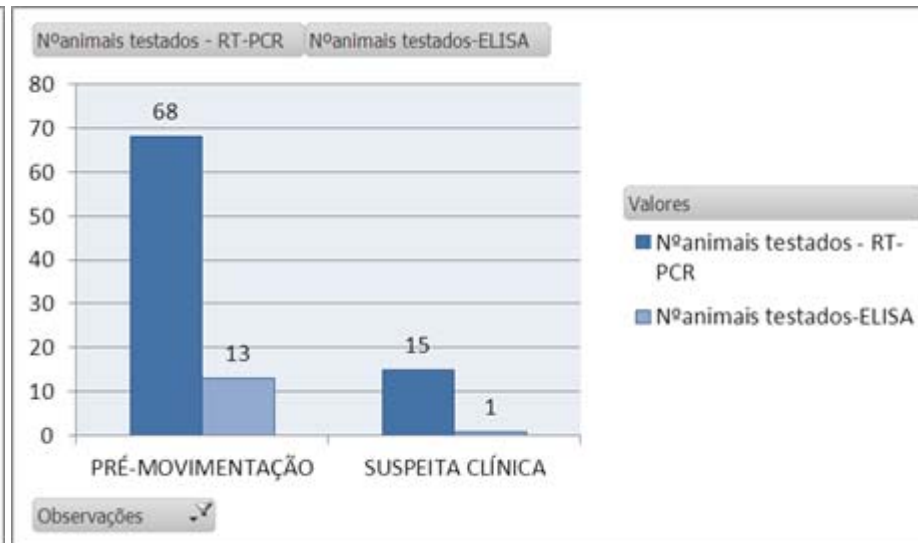


# Surveillance programme - 2011

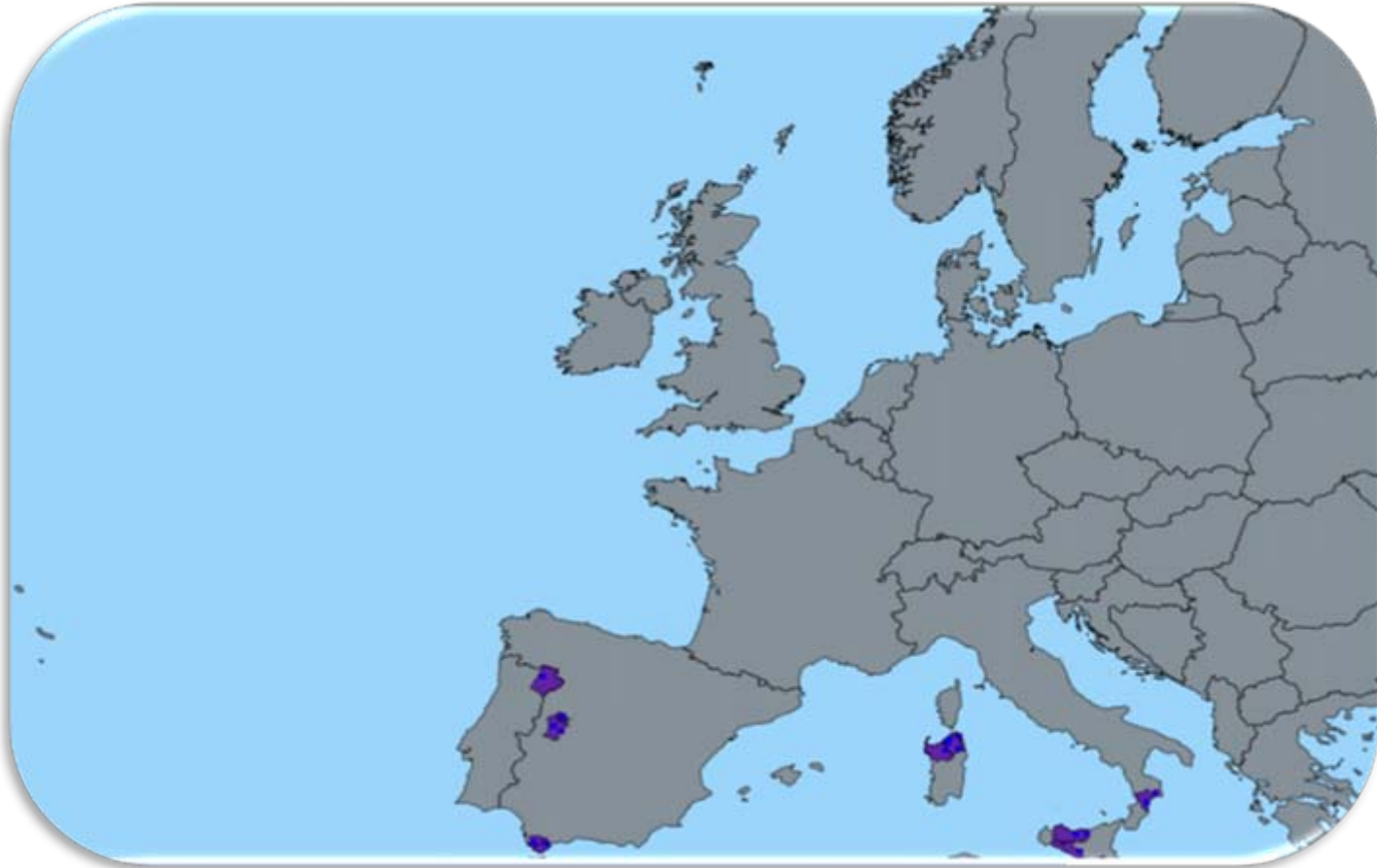
Results of surveillance programme:  
3435 samples tested in slaughterhouses  
for BTV1, BTV4 & BTV8



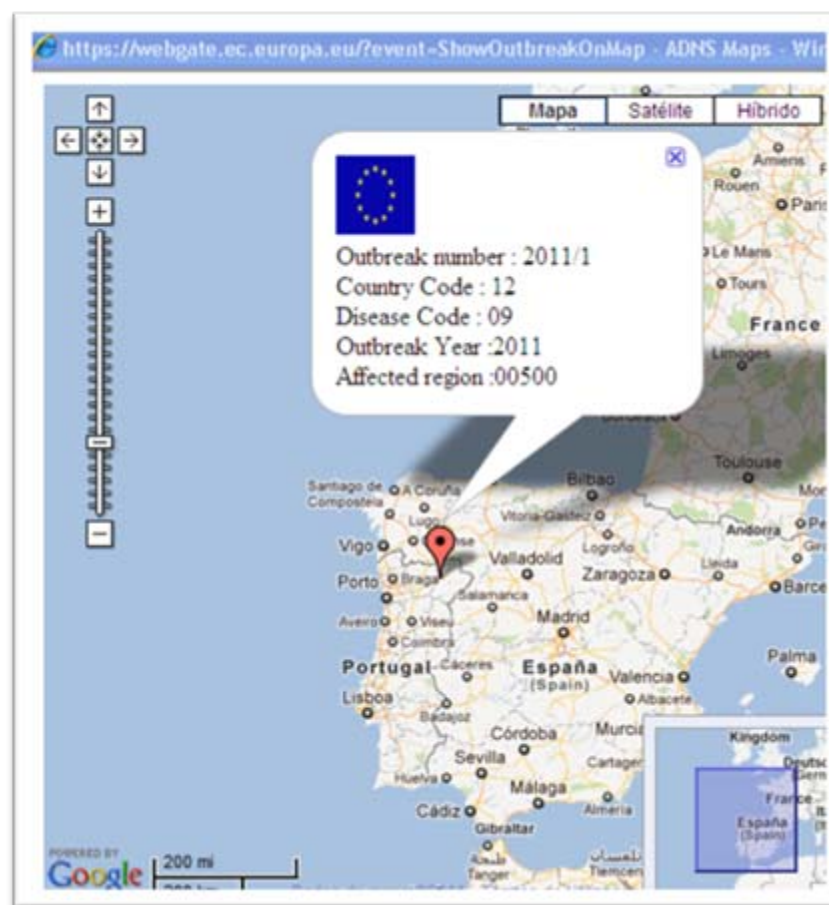
Results of surveillance programme:  
97 samples tested – pre-movement and clinical  
suspicions



# Epidemiological situation



*Source :ADNS – Bluetongue outbreaks - Period: 2011*



## 1 OUTBREAK IN 2011

2 bovine with 16 and 18 months age, sent for slaughter going from a holding in the North region (Mirandela) where they stayed for a month (surveillance program in slaughterhouses / no symptoms) .

These animals were previously in a holding in Center Region where they were born (Idanha-a-Nova – municipality with high counts of Culicoides).

# EDIT 29 – 23 December 2011

## Redefinition of BTV1 vaccination strategy for 2012

- Improvement of epidemiological situation of BTV1 in 2011 (1 outbreak without symptoms – surveillance plan)
- high vaccination coverage in the last four years

Portuguese Authorities decided to stop mandatory vaccination against BTV1, in cattle and sheep, from 1<sup>st</sup> January 2012, except in the municipalities of Idanha-a-Nova, Castelo Branco and Vila Velha de Ródão, where the surveillance program indicates risk of viral circulation, therefore compulsory vaccination of sheep is maintained in those municipalities.

Restricted zone for BTV1 is maintained in all Portuguese mainland and vaccination will be authorized, in a voluntary basis, for cattle and sheep not included in the above mentioned municipalities.

## Start of sazonnally free period

## End of BTV4 vaccination in the low risk area

- favourable evolution of bluetongue serotype 4 (BTV4) circulation in Northern Africa countries
- reduction in the risk of BTV4 transmission
- No BTV4 outbreaks since 2008

# PORTUGAL Bluetongue Restricted Zone 2012



## RESTRICTED ZONE

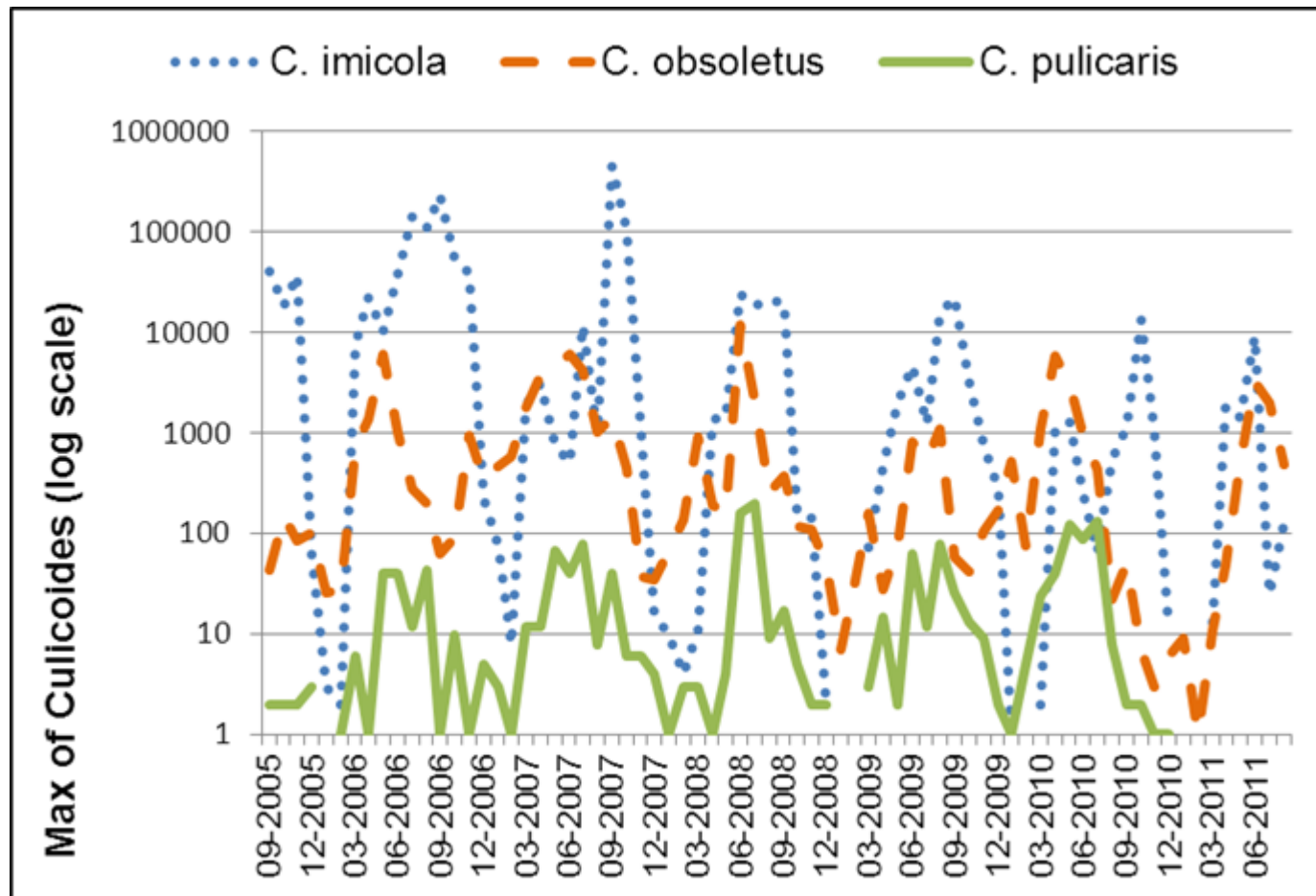
 BTV1 RESTRICTED ZONE

 BTV1 RESTRICTED ZONE - Mandatory vaccination

0 25 50 100 Kilometers

# Epidemiological situation

## ▪ Results of entomological Plan



# BTV – 1

## Sheep Vaccination campaign

### 2011



DSVR	N° vaccinated sheep	N° vaccinated holdings	N° sheep (census)	N° holdings (census)	% vaccinated sheep	% vaccinated holdings
N **	287.886	12.975	359.523	15.749	80%	82%
C **	417.277	18.270	473.447	19.658	88%	93%
LVT	129.533	5.593	158.785	6.308	82%	89%
ALT	843.447	6.703	968.524	7.371	87%	91%
ALG	42.367	788	47.779	849	89%	93%
<b>TOTAL</b>	<b>1.720.510</b>	<b>44.329</b>	<b>2.008.058</b>	<b>49.935</b>	<b>86%</b>	<b>89%</b>

Source: PISANET

# BTV1

## Cattle vaccination 2011

DSVR	N° vaccinated cattle
N	3.821
C	10.193
LVT	429
ALT	21.744
ALG	881
<b>TOTAL</b>	<b>37.068</b>

Vaccination of bovine between 3 and 8 months of age, born in 2011, intended to movement to reproduction or production.

Source: PISANET

# BTV8 Vaccination – ended in June 2011

- Voluntary vaccination in the scope of Regulation 123/2009 from 10 February 2009 (low risk area).

DSVR	Nº vaccinated cattle	Nºvaccinated sheep
Norte	91	373
Centro	1.574	0
Lisboa Vale Tejo	0	0
Alentejo	4.644	2263
Algarve	447	0
<b>Total</b>	<b>6.756</b>	<b>2.835</b>

*Source: PISANET*

*\* Vaccination ended in June 2011*

# BTV4 Vaccination in lower risk area



	N° vaccinated sheep	N° vaccinated holdings	N° sheep (census)	N° holdings (census)	% vaccinated sheep	% vaccinated holdings
Lower risk area	83.987	785	91.066	785	92%	100%

Source: PISANET

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**Thank you for your attention**