



**DGV**  
Direcção Geral  
de Veterinária

Ministério da Agricultura,  
do Desenvolvimento Rural e das Pescas

# Bluetongue

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## Situation in Portugal

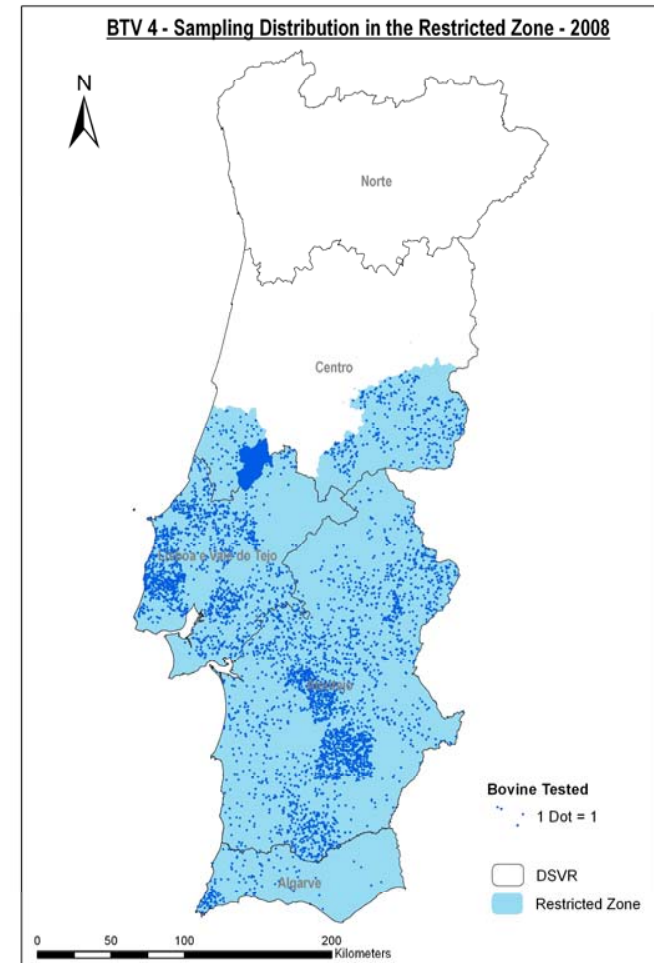
*SCOFCAH – 3 & 4 November, 2009*

# Epidemiological situation BTV4

- No evidence of viral circulation since **March 2008**
- End of BTV4 vaccination in **December 2008**

Portugal presented a cross sectional study to the European Commission in January 2009, to sustain the demonstration of absence of the disease

Portugal expects to declare freedom from BTV4 infection in 2010 (indemnity status)



# Epidemiological situation

## BTV1

2009

- ◆ Evidence of viral circulation

**96 outbreaks of BTV1**

North Region: 66  
Center Region: 28  
Alentejo Region: 2

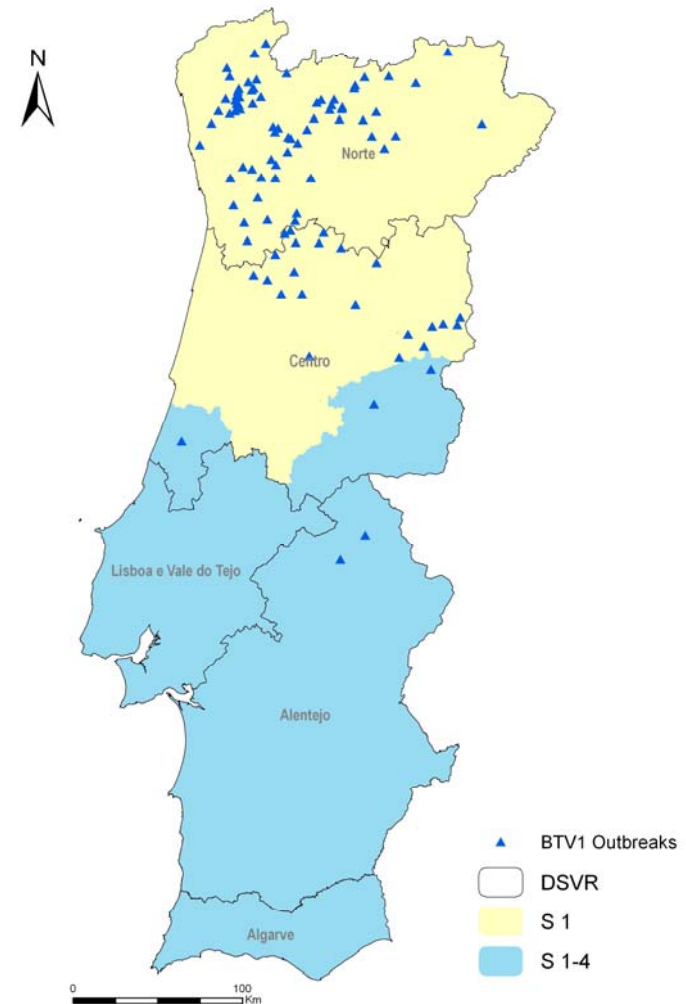
- ◆ Vector circulation started

**24 March 2009** (Edit 23)

- ◆ Viral circulation started :

**1 July 2009**

BTV1 Outbreaks - 2009



# BTV1

## Ovine vaccination campaign 2009

Region	N° vaccinated sheep	N° vaccinated holdings	N° sheep (census)	N° holdings census	Coverage-sheep (%)	Coverage-holdings (%)
DSVRN	119.317	6.144	355.056	13.964	33,61%	44,00%
DSVRC	261.703	12.020	574.963	28.292	45,52%	42,03%
DSVR LVT	137.105	5.636	218.731	7.774	62,68%	67,89%
DSVRALT	841.071	6.361	1.166.874	9.115	72,08%	59,53%
DSVR ALG	47.850	899	49.974	956	95,75%	94,04%
<b>TOTAL</b>	<b>1.407.046</b>	<b>31.060</b>	<b>2.365.598</b>	<b>60.101</b>	<b>59,48%</b>	<b>51,68%</b>

# BTV1

## Cattle vaccination 2009

DSVR	Nº cattle vaccinated
Norte	3187
Centro	3949
Lisboa Vale do Tejo	2521
Alentejo	74546
Algarve	521
<b>Total</b>	<b>84.724</b>

*Source: PISANET*

*\* data until 2 November 2009*

# BTV8 vaccination

Vaccination on a voluntary basis, according to Regulation 123/2009 from 10 February, started in 30th March 2009.

- The vaccin is free

DSVR	Nº cattle vaccinated	Nº sheep vaccinated
Norte	42.186	20.426
Centro	865	0
Lisboa Vale do Tejo	1.052	0
Alentejo	41.353	22.908
Algarve	0	0
<b>Total</b>	<b>85.456</b>	<b>43.334</b>

*Source: PISANET – data until 2 November 2009*

# CONCLUSIONS

Precoce detection



Vaccination



Disease Control

**BTV4**

4 vaccination campaigns



BTV4 absence since 2008

**BTV1**

2009 - 2nd year vaccination



Absence BTV1 in 2011



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Thank you for your attention