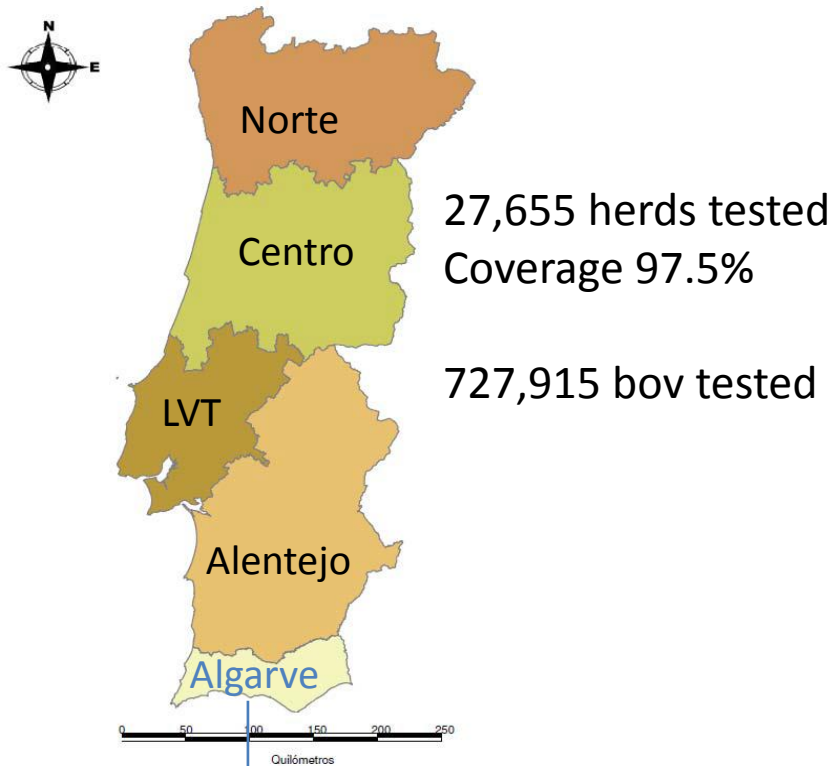


Implementation of
Bovine and Small Ruminant's
Brucellosis Eradication Programmes
in Portugal
2015

PAFF Standing Committee
Brussels, 13-14 September 2016

Bovine Brucellosis eradication programme



27,655 herds tested
Coverage 97.5%

727,915 bov tested

Algarve officially free since April 2012
(Commission Decision 2012/204/EU)

Implemented in 4 regions of Continent
and 3 Islands of the Azores



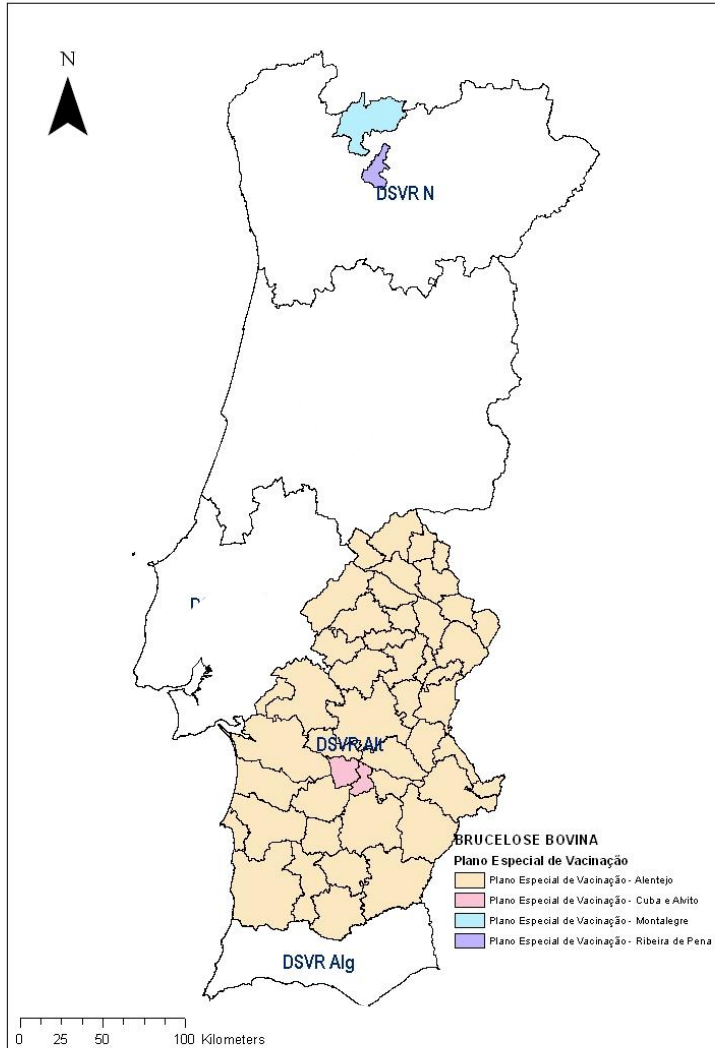
2,953 herds
Coverage 71.9%

113,928 bov

Other Islands officially free since 2002 and 2009

- Field actions by private vets of farmers associations
- Support of public and private laboratories

Bovine Brucellosis eradication programme



RB51 Vaccination Programmes

Mainland:

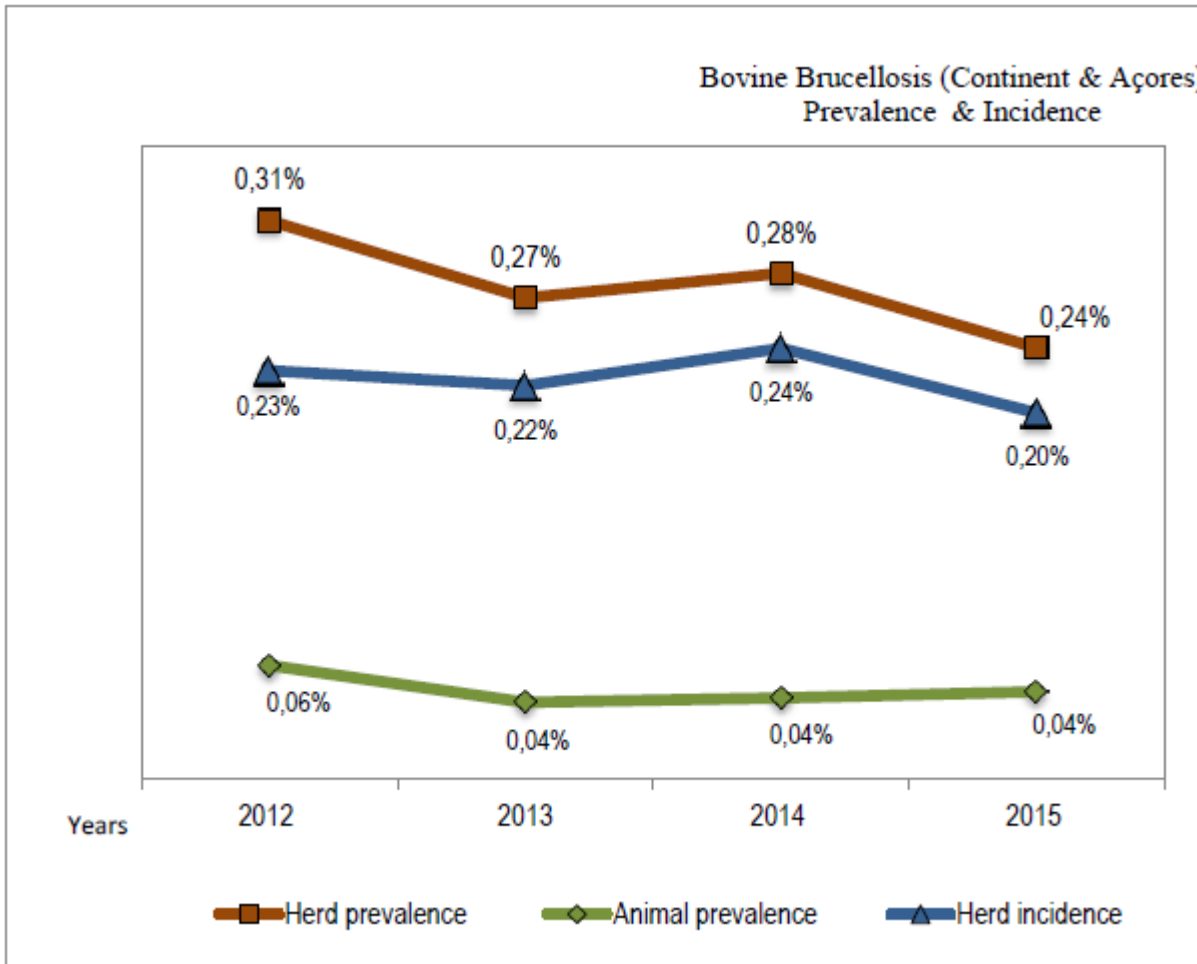
- ✓ Montalegre and Vieira do Minho
- ✓ Ribeira de Pena
- ✓ Alentejo Region
- ✓ Cuba/Alvito (at Alentejo Region)

Autonomous Region of Azores:

- ✓ Terceira
- ✓ São Jorge
- ✓ São Miguel

Bovine Brucellosis eradication programme

Results 2015



Variation from
2014 to 2015

Herd prevalence
14,2% decrease

Herd incidence
16,7% decrease

Bovine Brucellosis eradication programme

Results 2015

Regions	Number of positive herds	Number of new positive herds	% positive herds	% new positive herds
Norte	31	25	0.19	0.15
Centro	2	2	0.03	0.03
LVT	3	3	0.29	0.29
Alentejo	23	19	0.54	0.45
Açores	14	13	0.47	0.44
TOTAL	73	62	0.24	0.20

100% of positive animals were slaughtered – 306 bov

148 bovines tested for bacteriology

55 bov. with *B. abortus* + 1 *B. melitensis* → **bact. isolation in 27 herds in 2 regions**

Bovine Brucellosis eradication programme

Results 2015

RB51 Vaccination programme

Bov Bru 2015	TOTAL	Norte	Alentejo	Açores
N.º vaccinated herds	2,564	508	11	2,045
N.º vaccinated animals	34,486	1,090	1,118	32,278

Vaccination programme was applied according to the plan.

Ovine and Caprine Brucellosis eradication programme



Implemented in 5 regions of Continent

58,219 flocks tested
Coverage 98.45%

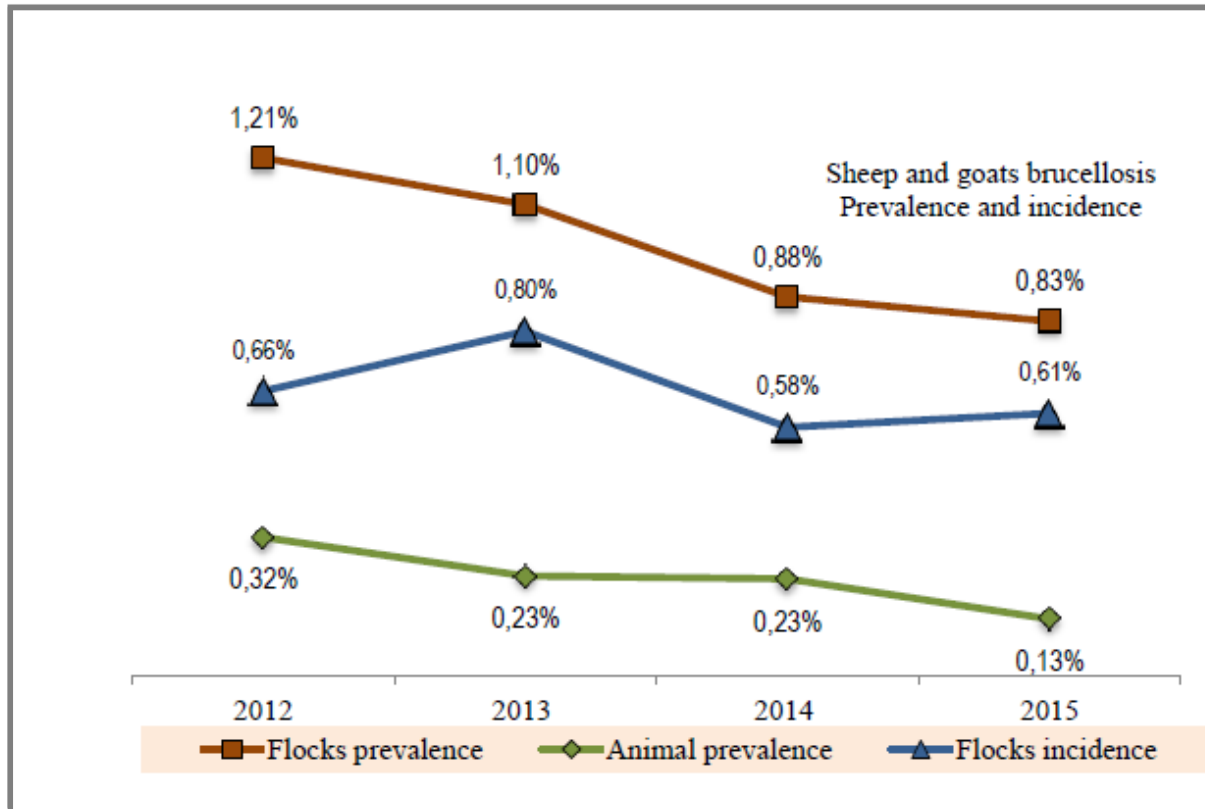
1,632,238 sheep and goats

**The Autonomous Region of Azores is
Officially free of *Brucella melitensis***

Commission Decision 2003/644/CE, 17th January

Ovine and Caprine Brucellosis eradication programme

Results 2015



Variation from
2014 to 2015

Flock prevalence
5.7% decrease

Flock incidence
4.9% increase

Ovine and Caprine Brucellosis eradication programme

Results 2015

Regions	Number of positive flocks	Number of new positive flock	% positive flocks	% new positive flocks
Norte	331	228	2.06	1.42
Centro	53	53	0.20	0.20
LVT	55	39	0.86	0.61
Alentejo	29	28	0.37	0.36
Algarve	14	9	1.18	0.76
TOTAL	482	357	0.83	0.61

100% of positive animals were slaughtered – 2,387 sheep and goats
940 animals tested for bacteriology
239 with *B. melitensis* → bacterial isolation in **79 herds** in **3 regions**

Ovine and Caprine Brucellosis eradication programme

Results 2015

Rev1 Vaccination programme

SR Bru 2015	TOTAL	Norte	Centre	Other
N.º vaccinated flocks	2,883	2,550	291	42
N.º vaccinated animals	34,519	29,190	4,782	547

Vaccination programme was applied according to the plan.

Brucellosis eradication programme

Improvements in relation to main challenges

- Thorough epidemiological investigation of outbreak's
- Improvement biosecurity in infected farms + disinfections
- Investigation of False Positive Serological Reactions
- Animal movement control - Bov: new electronic system implemented in 2015
- SR: reinforce programme coverage in small holdings
- Re-assessment of diagnostic quality assurance
- In-depth data analysis for targeted intervention

Brucellosis eradication programme

Future targets (in accordance to WD SANCO/10181/2014 Rev7)

Bovine brucellosis 2017

Herd prevalence	2015 0.24%	Target 2017 0.21%	Reduction in 2 years 12.5%
Herd incidence	2015 0.20%	Target 2017 0.18%	Reduction in 2 years 10.0%



Sheep and goats brucellosis 2017

Flock prevalence	2015 0.83%	Target 2017 0.62%	Reduction in 2 years 25.3%
Flock incidence	2015 0.61%	Target 2017 0.41%	Reduction in 2 years 32.8%





GOVERNO DE
PORTUGAL

MINISTÉRIO DA AGRICULTURA
E DO MAR

dgav
Direção Geral
de Alimentação
e Veterinária

Thank You for your attention

