



*Ministero della Salute*

Direzione generale della sanità animale e dei farmaci veterinari

# **Enzootic Bovine Leucosis: Italy complies with the conditions laid down in Directive 64/432/EEC**

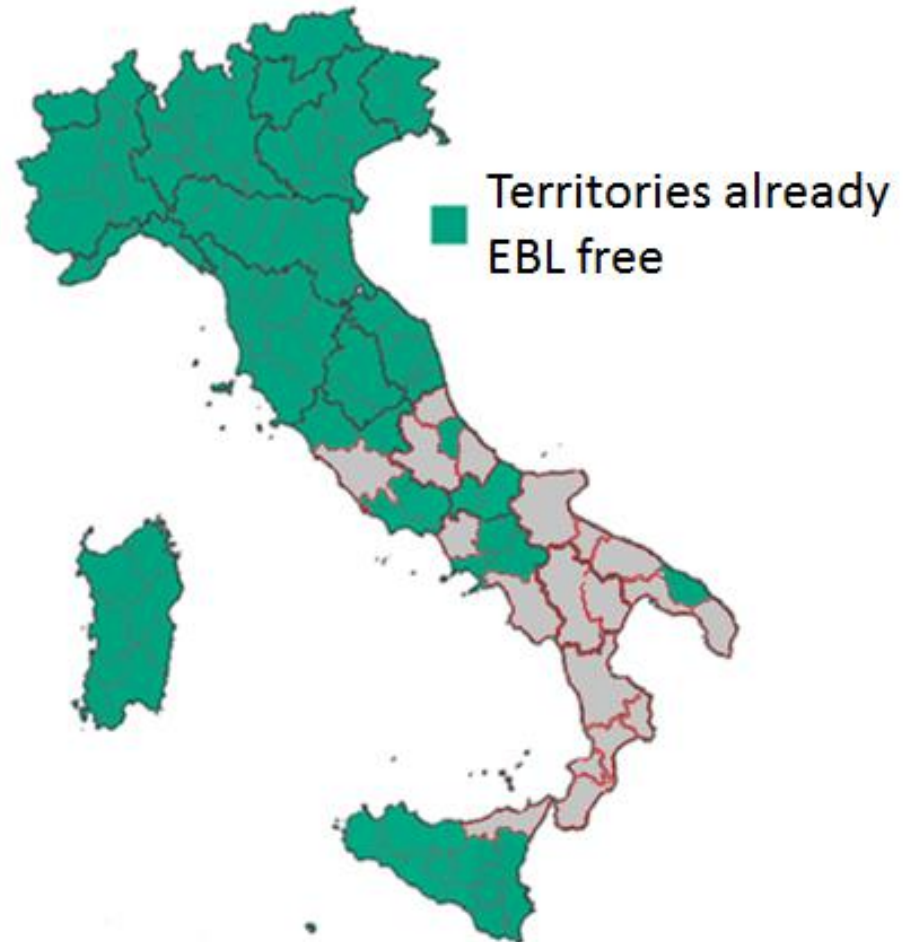
**Francesco Feliziani**

National Reference Laboratory for Ruminants Retroviruses  
Istituto Zooprofilattico Sperimentale Umbria e Marche  
Perugia - Italy

**Bruxelles 18-19 September 2017**

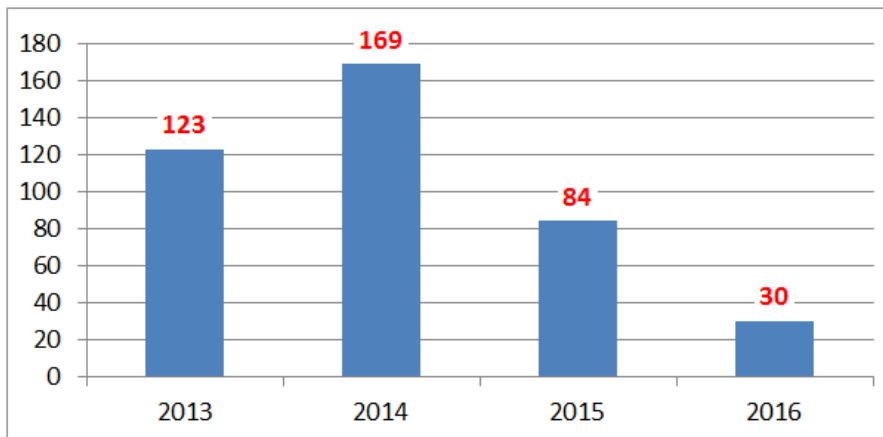
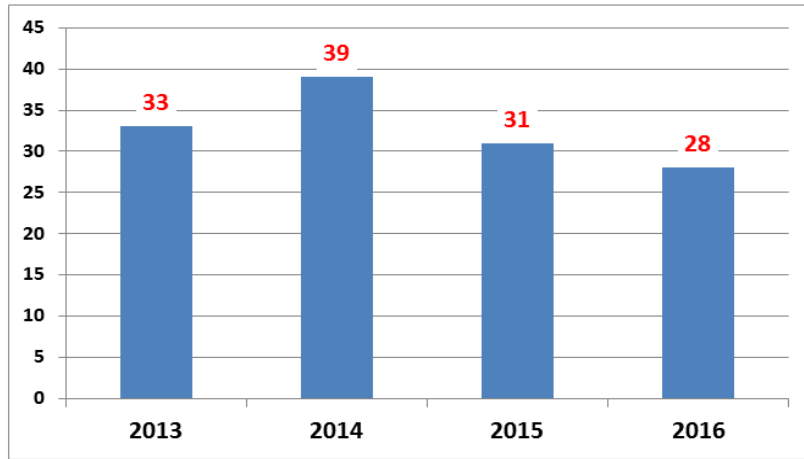
# EBL Italian eradication plan:

- Implemented in the 1997
- Based on test and removal strategy
- Eradication reached in several provinces/regions
- Specific surveillance plans are implemented in free territories



# EBL Italian eradication plan:

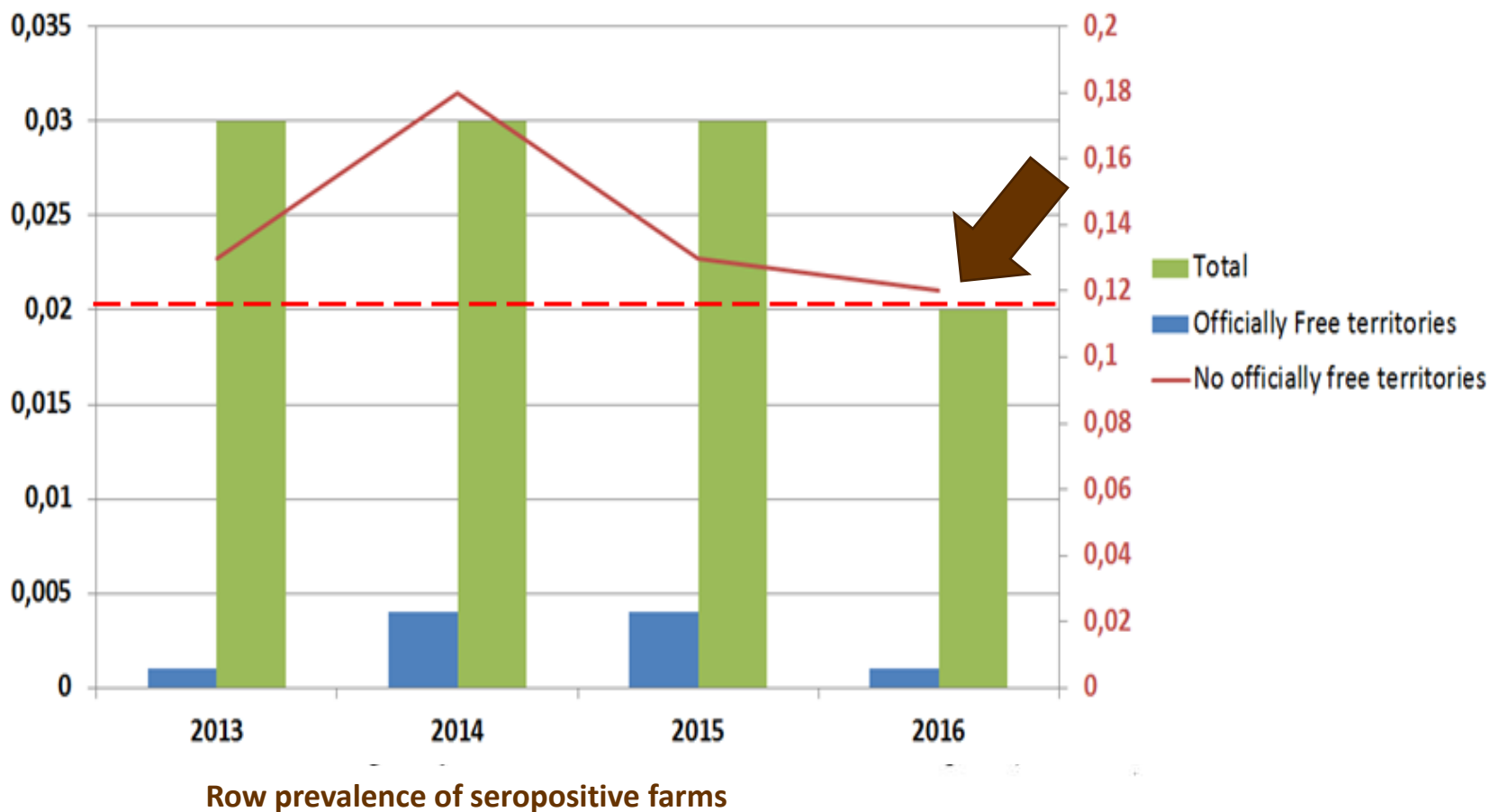
## STATE OF THE ART



EBL clusters identified in Italy (2016)

# EBL Italian eradication plan:

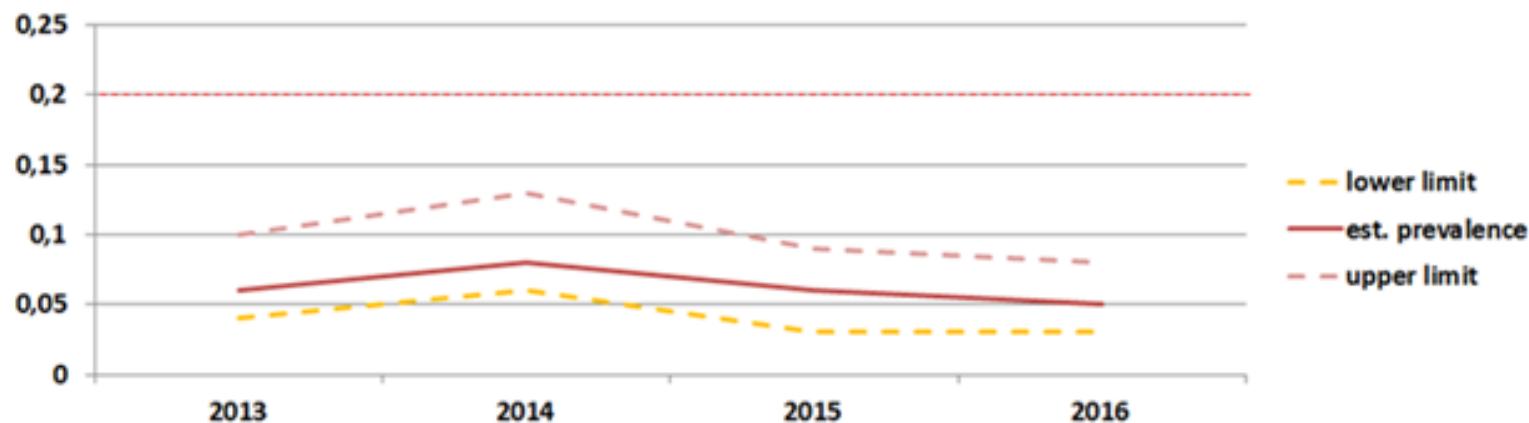
## compliance with Directive 64/432/EEC



# EBL Italian eradication plan:

## compliance with Directive 64/432/EEC

	Target population	Tested herds	Infected herds	Estimated prevalence	99% confidence level	
					lower limit	upper limit
2013	100783	54813	33	0,06	0,04	0,1
2014	95716	46295	39	0,08	0,06	0,13
2015	101445	56024	31	0,06	0,03	0,09
2016	97625	54267	28	0,05	0,03	0,08



Estimated prevalence of seropositive farms

# EBL Italian eradication plan:

## Conclusions -1

- Despite the persistence of four clusters of infection, the BLV prevalence is estimable under the threshold value indicated in the Directive 64/432/EEC
- No evidence of BLV reintroduction in free territories: the surveillance measures are effective
- The EBL eradication plan reached the assigned objectives
- The risk of BLV circulation in target population is negligible

**Italy complies the conditions laid down in Directive 64/432/EEC**



# EBL Italian eradication plan:

## Conclusions -2

### New targets are identified:

1. New national surveillance plan to assure the maintenance of sanitary standard and save economical resources
2. Specific eradication plans in remaining EBL persistent clusters:
  - Campania: increase of herds checks and stamping out of EBL infected farms
  - Lazio, Puglia, Sicilia: improve in the managing of free ranging population, increase of serological tests frequency, removal of carriers of infection (feral animal)



*Grazie per l'attenzione*