



# Bluetongue - measures taken

Standing Committee for Plants, Animals, Food and Feed  
Brussels, 16 – 17 April 2015





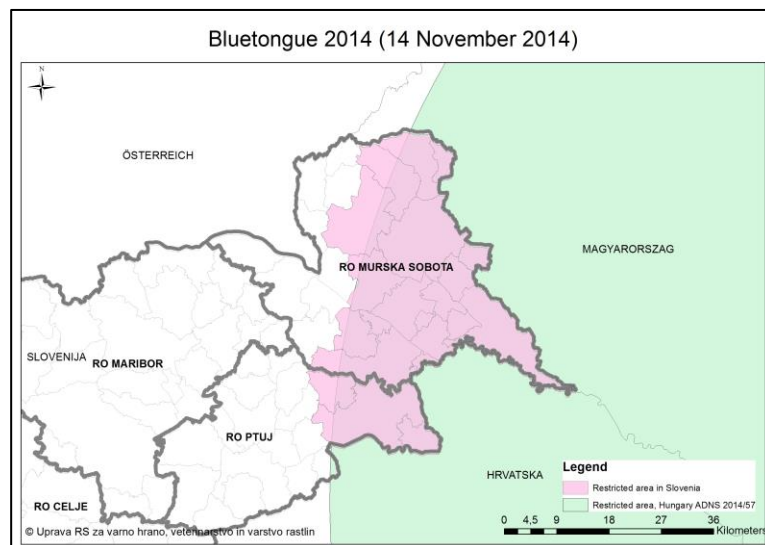
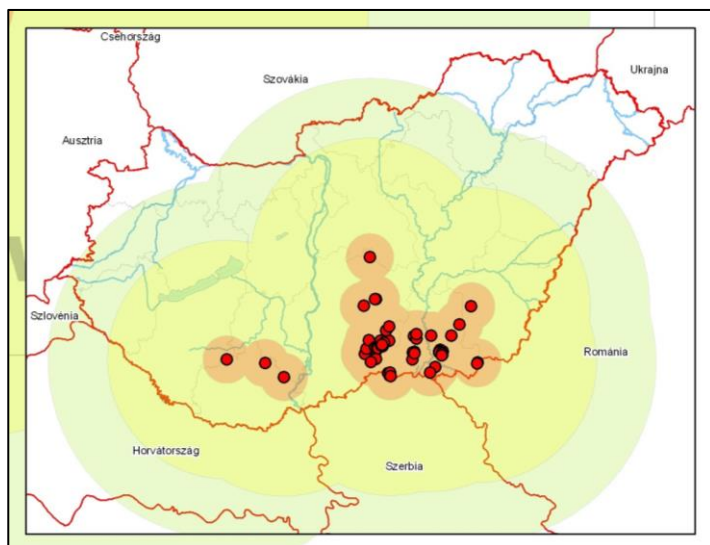
## BT situation

- In Slovenia, BT is compulsory notifiable disease
- Passive surveillance is carried out throughout the year
- An active monitoring programme has been in place in line with Regulation (EC) No. 1266/2007
- Samples are taken from susceptible, not vaccinated, animals (both cattle and small ruminants) in the period when the infection or seroconversion is most likely to be detected
- The number of samples taken allows for detection of a minimum BT prevalence of 1% per geographical unit
- Based on the results of passive and active surveillance the absence of BT virus circulation is demonstrated



## Establishment of BT restricted area

- due to the outbreak of BTV-4 in Hungary
  - ADNS reference No. 2014/57
  - location: Gödre, Baranya Region
  - Confirmation date 14 November 2014
  - Information to EC, CVOs Austria, Hungary, Croatia; PAFF Committee





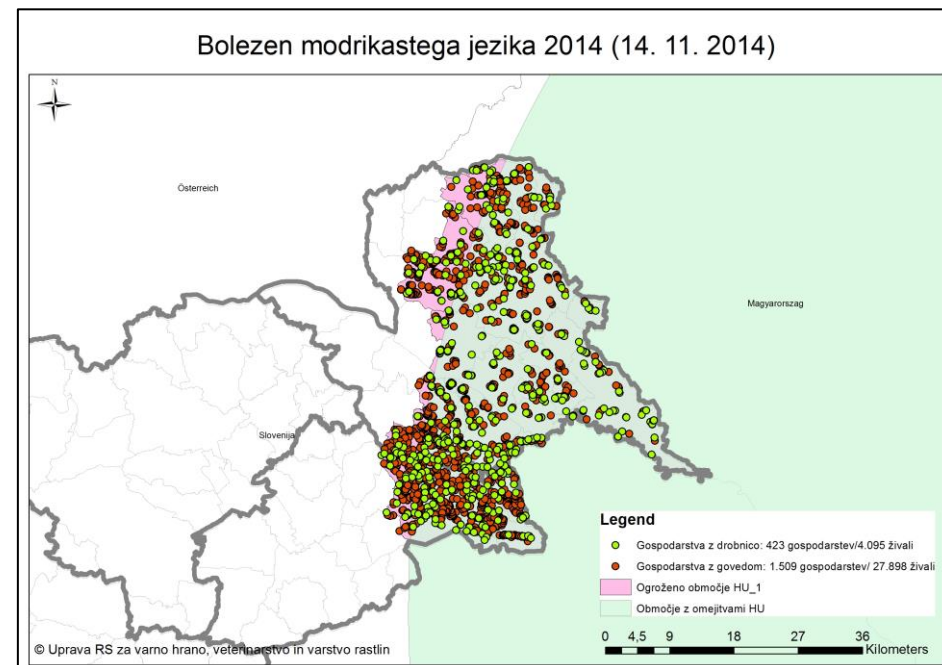
## Measures implemented in restricted area

- Measures in line with Regulation (EC) No. 1266/2007
  - Ban on movement of animals from the restricted zone
    - Exemptions
      - Movements within the restricted area (Article 7)
        - » Absence of clinical signs on the day of movement
      - Animals for slaughter in line with Article 8 of the Regulation
        - » Absence of clinical signs
        - » Under veterinary supervision
        - » Directly to the slaughter house for slaughter within 24 hours
        - » Designated slaughterhouses
  - Further conditions for the transit of animals (Article 9)
    - Cleansing, disinfection, disinsection of means of transport



# Modification of measures

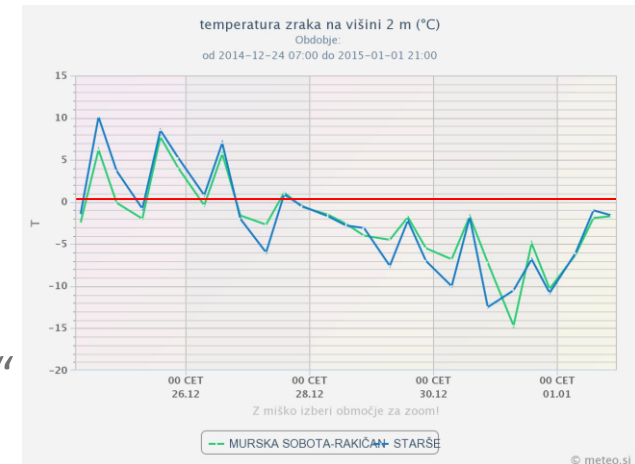
- 25 November 2014
  - movements of susceptible animals from holdings in restricted zone to other holdings within Slovenia in line with Article 8. 1. b of Regulation (EC) No. 1266/2007 were allowed
    - Based on the positive outcome of risk assessment of the situation
    - together with risk mitigation measures





## Modification of measures

- 2 February 2015
  - Definition of „seasonally vector free period“
    - Starting date 1 January 2015
    - To allow movements of breeding and fattening animals from restricted zone to other MS
    - based on the analyses of entomological data of previous years (2005 – 2012) and according to the provisions of Regulation (EC) No. 1266/2007
      - In the period of 24th December 2014 to 1st January 2015:
        - » the maximum daily temperature has not exceeded 10°C;
        - » the maximum daily temperature was five days below 0°C;
        - » the average temperature (at 7:00, 14:00, 21:00 hours) was - 2,2 °C;
        - » the minimum daily temperature was in the entire period below 0°C;
    - The entomological surveillance in line with Annex I.4 of Regulation (EC) No. 1266/2007 has been re-inforced and no Culicoides has been found;
    - The absence of bluetongue virus and its circulation in Slovenia was supported by the results of monitoring and surveillance programme.





# Modification of measures

- 10 February 2015
  - Declaration of „provisonally free area“
    - based on the provisions of Regulation (EC) No. 1266/2007, Article 7 Point 2a
      - for a period of one year, including one full vector season, monitoring and surveillance in accordance with point 3 of Annex I has demonstrated the absence of bluetongue virus circulation
    - declaration is supported by the results of monitoring and surveillance programme, which demonstrate the absence of bluetongue virus circulation in the restricted zone
    - The movements of animals from that area will be conducted in accordance with the provisions of Regulation (EC) No. 1266/2007, Annex III, Point A.1, and in particular second paragraph of that point (no agent identification test before movement)
  - No treatment of means of transport for movements of animals from the zone (Paragraph 2 of Article 9)



## Lifting of measures

- 16 March 2015
  - Lifting of measures regarding BT
    - based on the provisions of Regulation (EC) No. 1266/2007, Article 6 Point 2
    - in-depth epidemiological analyses of monitoring and surveillance data, together with measures taken to minimise the risk of introduction and spread of BTV, demonstrated the absence of BTV and its circulation in Slovenia for the past two years, including two full vector activity seasons and supported the decision to lift all the measures regarding BT in Slovenia





Table 1: BT monitoring programme 2013 and 2014 – No. of animals tested

	Total No. of herds/animals	No. of total tested animals		No. of herds/animals in restricted zone (provisionally free area)	No. of tested animals in the restricted zone (provisionally free area)	
		2013	2014		2013	2014
Bovine	33.917/461.461	7.821	8.160	1.509/27.898	494	535
Ovine/Caprine	10.840/149.230			423/4.095		

Table 2: BT monitoring programme 2013 – No. of positive test results per geographical unit

Geographical unit	BT - ELISA		BT - ELISA confirmatory		RT - qPCR	
	Tested	Positive	Tested	Positive	Tested	Positive
RO CELJE	707	14	14	3	0	0
RO KOPER	667	27	27	3	3	0
RO KRANJ	845	11	11	1	1	0
RO LJUBLJANA	765	20	20	3	3	0
RO MARIBOR	881	14	14	2	1	0
RO MURSKA SOBOTA	646	17	17	1	1	0
RO NOVA GORICA	839	36	36	11	11	0
RO NOVO MESTO	1.036	4	4	1	3	0
RO POSTOJNA	746	12	12	4	4	0
RO PTUJ	689	17	17	4	4	0
Total	7.821	172	172	33	31	0



Table 3: BT monitoring programme 2014 – No. of positive test results per geographical unit

Geographical unit	BT - ELISA		BT - ELISA confirmatory		RT - qPCR	
	Tested	Positive	Tested	Positive	Tested	Positive
RO CELJE	787	10	10	4	20	0
RO KOPER	490	6	6	4	4	0
RO KRANJ	1.126	13	13	2	2	0
RO LJUBLJANA	941	9	9	2	2	0
RO MARIBOR	762	3	3	2	0	0
RO MURSKA SOBOTA	725	2	2	0	15	0
RO NOVA GORICA	766	15	15	0	18	0
RO NOVO MESTO	932	6	6	1	1	0
RO POSTOJNA	977	14	14	0	0	0
RO PTUJ	654	16	16	4	4	0
Total	8.160	94	94	19	66	0

Table 4: BT monitoring programme 2013 and 2014 – No. of positive test results on samples from restricted zone (the area on which restricted zone was established in 2014)

	BT - ELISA		BT - ELISA (confirmatory)		RT - qPCR (confirmatory)	
	Tested	Positive	Tested	Positive	Tested	Positive
2013	494	15	15	0	0	0
2014	535	3	3	0	15	0
Total	1.029	18	18	0	15	0



## Strategy for 2015

- Measures in case of an outbreak
  - first outbreak – the whole Slovenia declared as restricted zone
  - Demarcation of 20 km, 100 km and 50 km zones?
- Vaccination
  - Currently mass preventive vaccination will not be performed
    - Rough estimations app. 5 mio €
    - Trade patterns
      - To other MS - mainly for slaughter (AT, IT)
      - To other MS - breeding/fattenig - 4.200 cattle, 5 goats, 0 sheep
  - Vaccination voluntary for trade purposes (or preventive)
- Disease awarness campaigns and trainings for farmers, vets, ...
- Exchange of experience, opinions, practices and cooperation with with neighbouring MS



- Thank you for attention!

