

Bluetongue

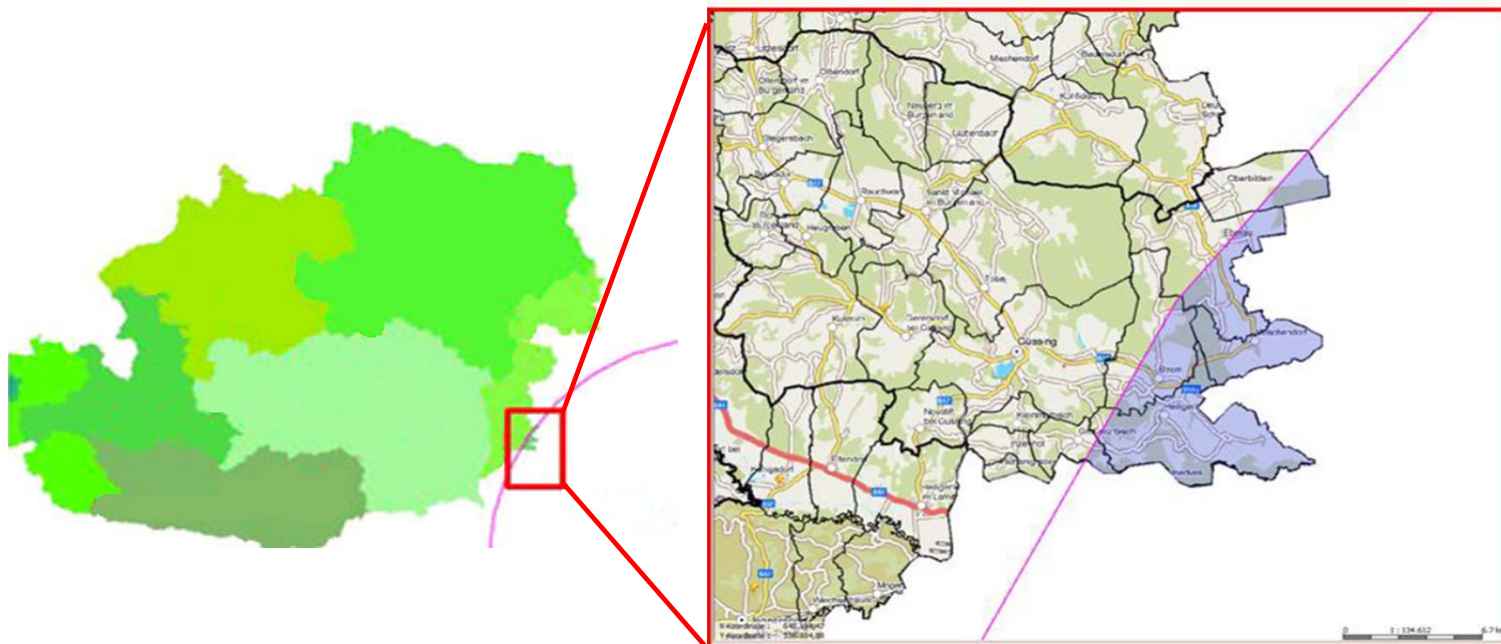
current situation and measures taken in Austria

SCOPAFF, 30.11.2015

*Federal Ministry of Health,
Vienna, AUSTRIA*

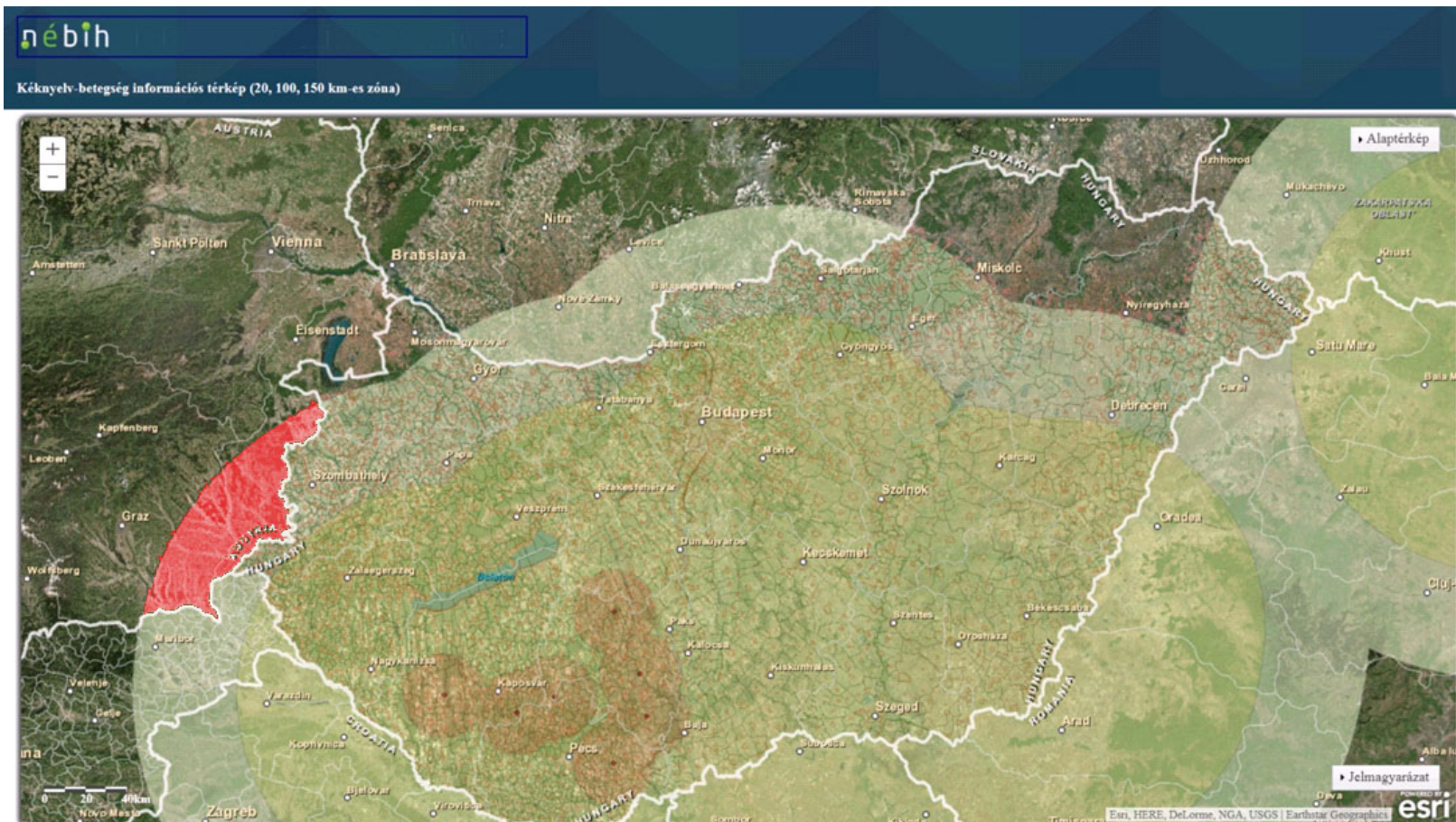
Review

Since September 2014 Austria was affected by restriction zones due to outbreaks in Hungary



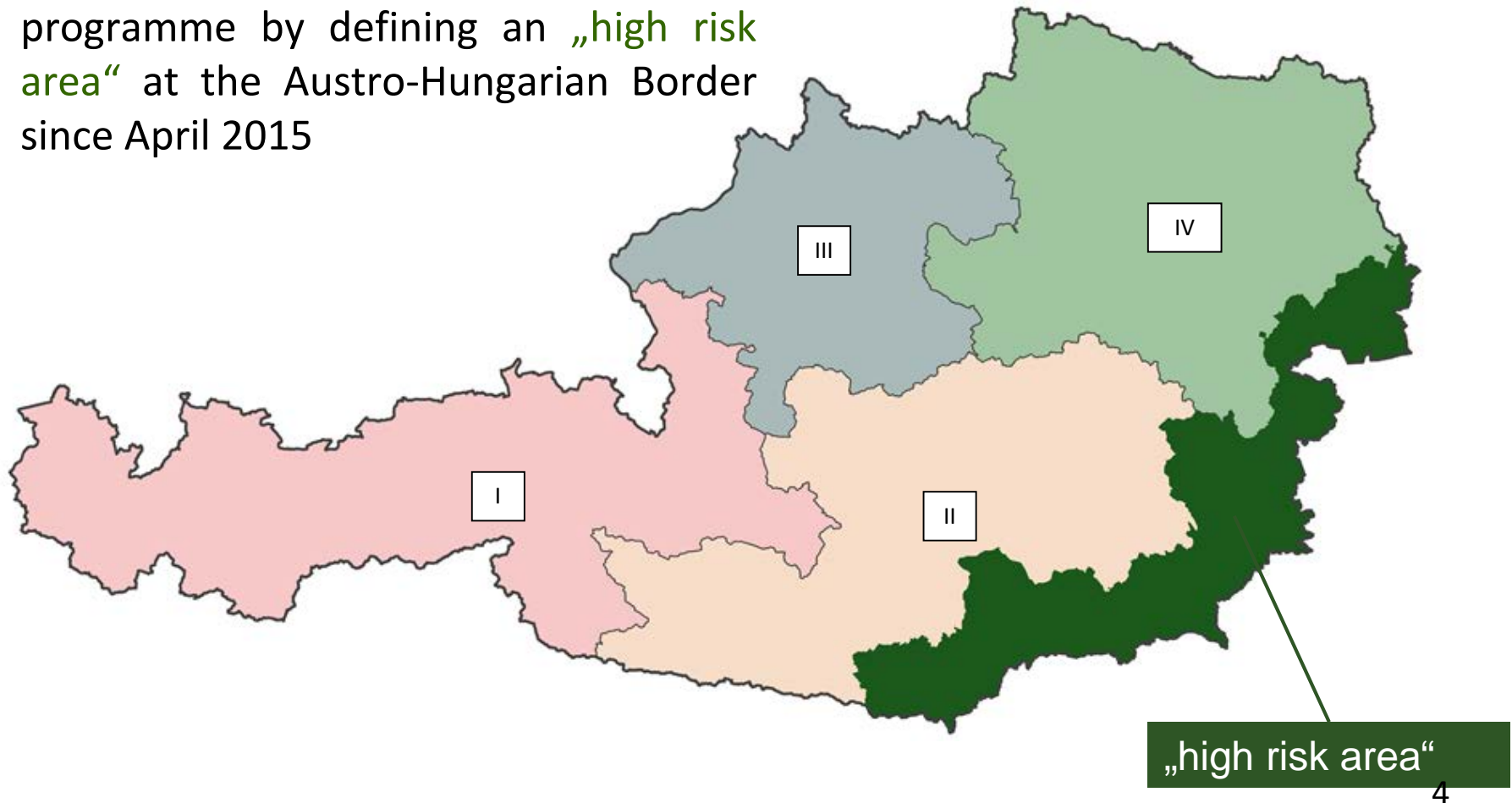
Review

slow, but continuous expansion of restriction zones in 2015



Review

Adaptation of the active BT surveillance programme by defining an „high risk area“ at the Austro-Hungarian Border since April 2015



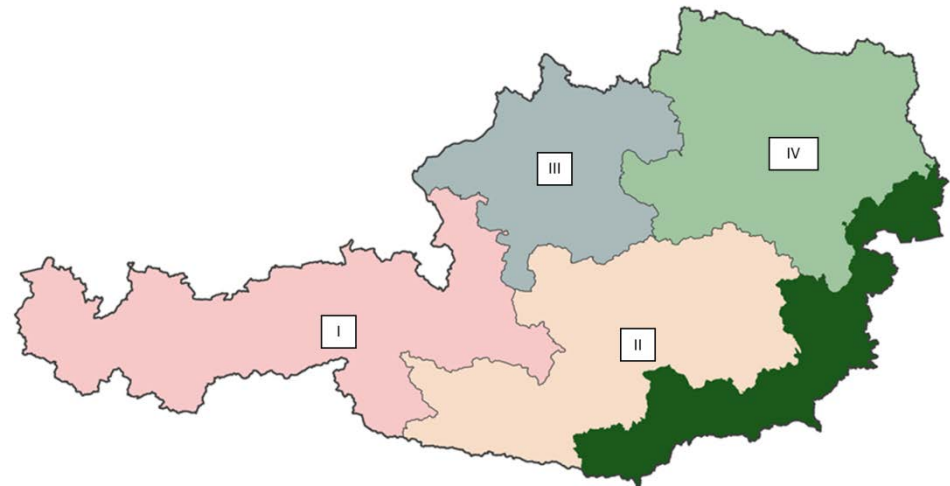
Surveillance 2015

serological testing of:

- in **high risk area**: 150 samples per month
 - *allows detection of 2% prevalence*
- in remaining regions: 35 samples four times a year
 - *allows detection of 10% prevalence*

Target:

- unvaccinated cattle
- older than 12 months
- free ranged

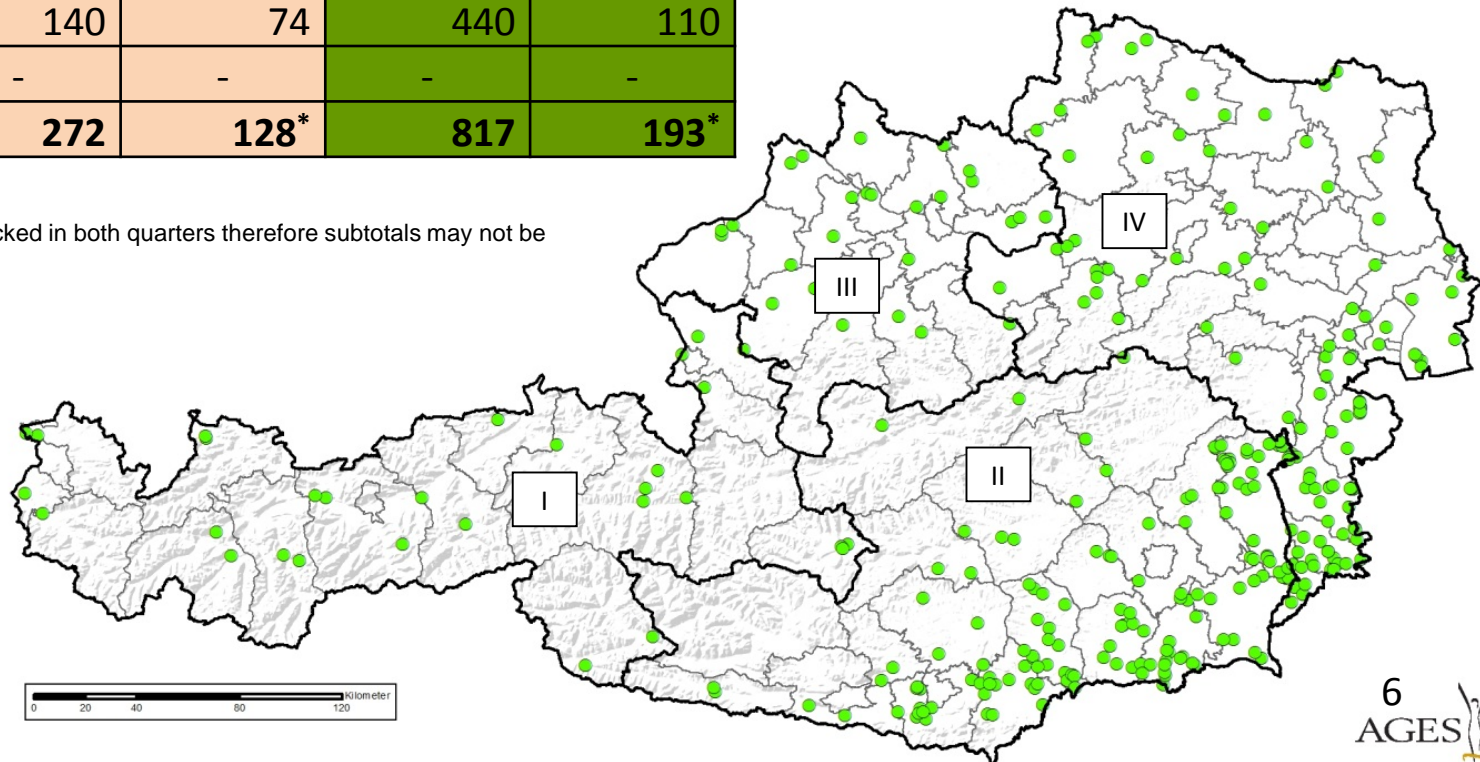


Surveillance 2015 - results

number of animals / holdings checked:

	regions I - IV		high risk area	
	animals	holdings	animals	holdings
Q 1- 2015	-	-	-	-
Q 2-2015	132	66	377	100
Q 3-2015	140	74	440	110
Q 4-2015	-	-	-	-
total	272	128*	817	193*

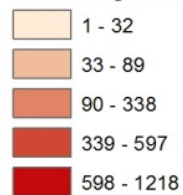
* some holdings were checked in both quarters therefore subtotals may not be summed



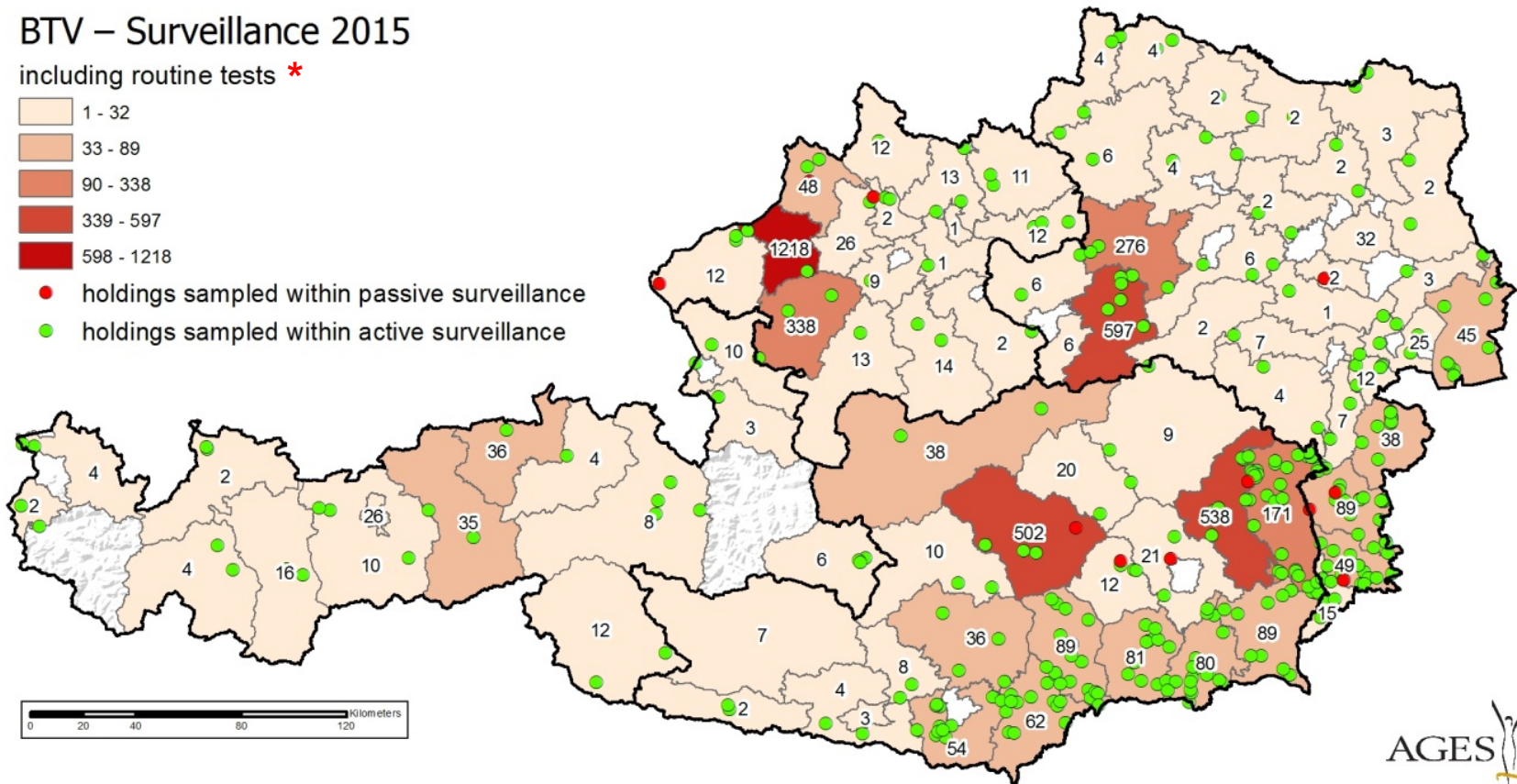
Surveillance 2015 - results

BTV – Surveillance 2015

including routine tests *



- holdings sampled within passive surveillance
- holdings sampled within active surveillance



* non governmental (private) tests carried out in the NRL – positive test result in investigations of authorities

Cases detected

Within the surveillance programme positive results on 4 holdings in the federal countries of **Burgenland** and **Styria**;

confirmation: **17.11.2015**

4th case: **26.11.2015**

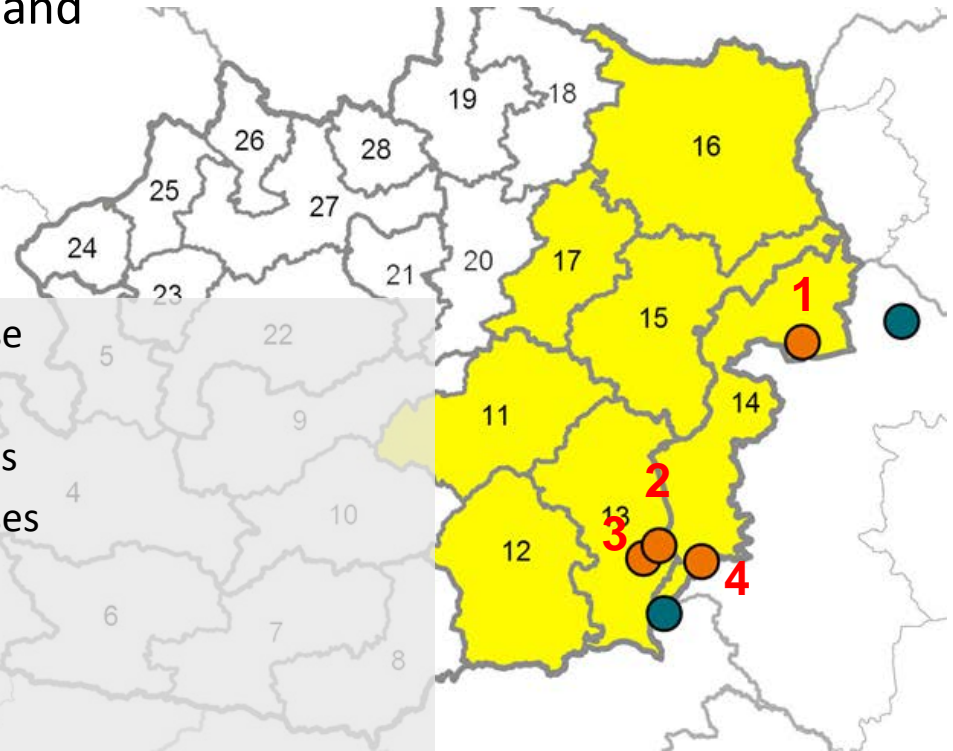
1. cattle farm, free range, 154 animals, 1 case
2. cattle farm, free range, 10 animals, 1 case
3. cattle farm, free range, 69 animals, 2 cases
4. cattle farm, free range, 187 animals, 2 cases

all cases: -> no clinical signs

-> ELISA pos.

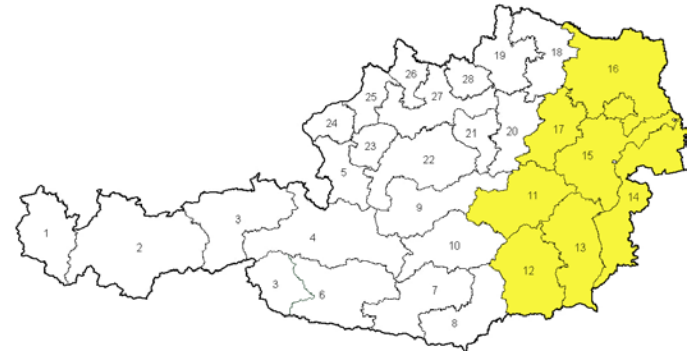
-> PCR pos.

-> Serotype 4 identified



Measures taken

- a restriction zone is installed and movement restrictions according to Commission Regulation (EC) No. 1266/2007 are established
- notification via **ADNS** and **OIE** on November 18th
- voluntary vaccination against BTV 4 is possible since summer, an increase of number of vaccinations is expected
- „seasonally vector free period” is currently discussed
- **intensified surveillance** within and outside restriction zones



Intensified surveillance

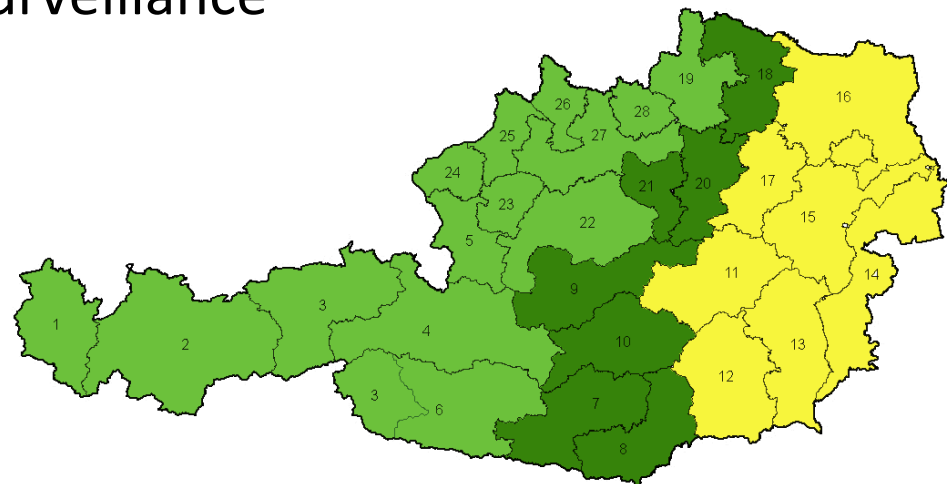
- geographical reference units - as already in use during BTV 8 surveillance in 2008 - are reinstalled
- immediate sampling of 60 animals per reference unit allows detection of 5 % prevalence
- if necessary enlargement of restriction zone depending of findings within intensified surveillance

regions adjacent to restriction zone
regions currently not affected
restriction zone

surveillance to be finished until:

30.11.2015

31.12.2015



Surveillance 2016

- nationwide
- active surveillance based on 28 geographical reference units
- sampling of 60 animals per reference unit to allow detection of 5 % prevalence
- serological testing of unvaccinated cattle
- reactivation of vector surveillance / temperature monitoring in order to identify „seasonally vector free period“

Thank you for your attention !

