





Regional workshop on lumpy skin disease prevention, control, and awareness

Budapest, Hungary, 7-9 March 2017

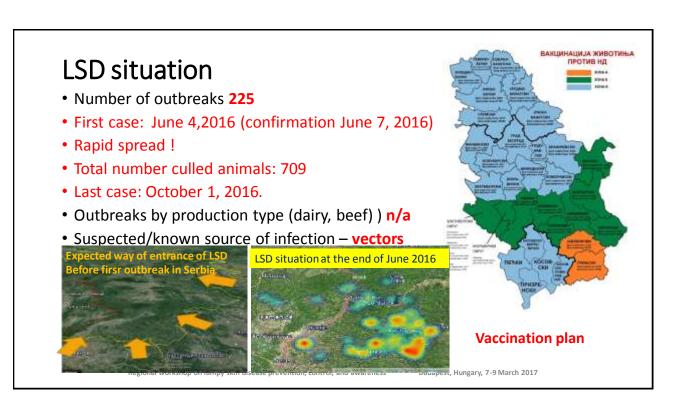
#### **Cattle Population**

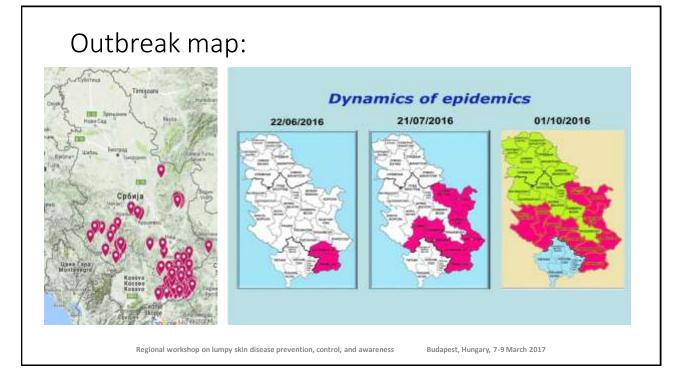
Type of farming	Dairy	Beef	Total
Cattle population			886.655
Small holdings			134.236
Farms			1623

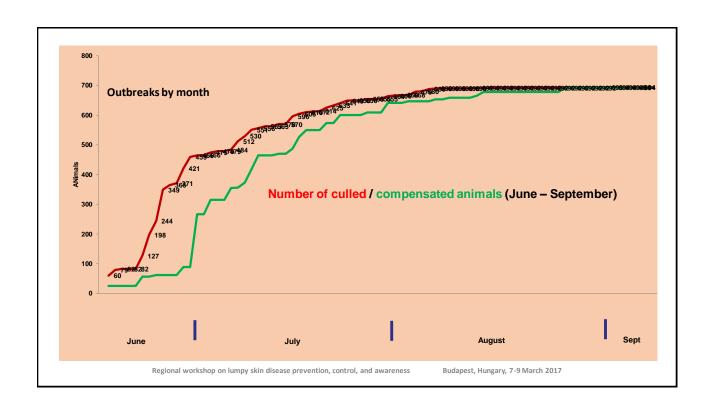
- Cattle density map if available: n/a
- Seasonal cattle migration: /N No migration routes customary
- Nomadic farming practices: /N Nomadic farming practice is not customary
- Domestic buffalo: /N no significantly

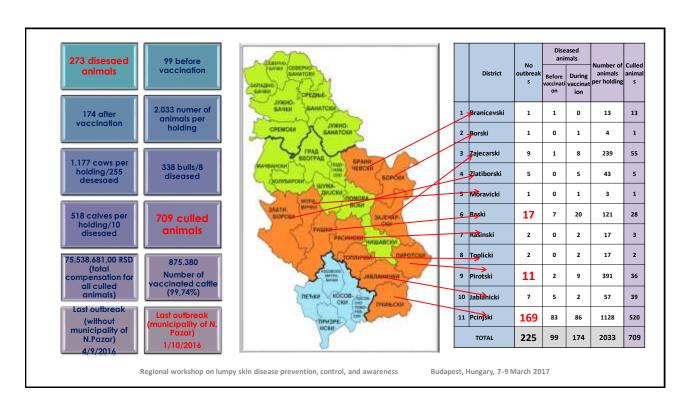
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# Diagnostic capacity

Assay	Available	Not available	Testing possible at any time (24/7)	Max capacity of sample testing/day
PCR Gel based	<ol> <li>For detection - Ireland &amp; Binepal (1998)</li> <li>For differentiation field from vaccine strain DIVA - Menasherow (2014)</li> </ol>		yes	300
PCR Real-time	<ol> <li>For detection – Bowden (2008)</li> <li>For differentiation field from vaccine strain DIVA – Vidanovic (2016)</li> </ol>		yes	300
Virus isolation	Yes		yes	40
Serology		Not available		
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## LSD Vaccination campaigns

	Start (Date)	Finished (Date)	Vaccination (whole cour vacc., buffe	ntry, ring	Vaccination coverage in vaccinated areas (%)
LSD Outbreaks	8.6.2016.	1.10.2016.	Whole cour	itry	99,74%
Vaccination campaign (2016)	24.6.2016.	1.9.2016.	Vacc. of new calves	vborned	Still in proggress
Vaccination campaign (2017)			Vacc. of new calves	vborned	
Lumpy skin disease vaccine for cattle	ОРВ				
Lumpyvax	MSD				
Other vaccine (name)					

• Started tender for vaccine for vaccination campaigns in 2017 YES (LAST WEEK)

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#### Outbreak response

Measure	Applied			N	ot applied
Contingency plan available				N	)
Cattle movement control	YES	YES			
Cleaning and disinfection	YES	YES			
Stamping-out policy	Total (all animals)	Partial (only those with clinical signs)	Partial (only severe cases)		
Disposal of carcasses	At site	Outside	Into a plant		
	Burning	Burial	Rendering		
Vector control	Animals	Facilities	Environment		
			Total number of samples Biopsy samples	540 134	94% positive
Clinical surveillance	Active (540 of samples)	Passive (# of samples)	blood Nasal swabs Milk	219 76 20	40% positive 50% positive 35% positive
Serosurveillance	219 of samples	219 of samples		67 4 20	84% Positive 100% positive 95% positive

## Challenges

- New vaccination campagne!
- Start at begining of may!
- All cattle population!
- Presence of virus?
- Would it be enough vaccine (we ordered 1.200.000 doses)?
- Would vaccines be able before vaccination campagne?
- LSD strategy in surrounding countries?
- Would we have support of RS Gov. and other institution like we had strong support in 2016?

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