



BT in Republic of Macedonia

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Content of the presentation

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- Legal frame
- Situation with BT in 2014
- Follow up
- Financial implications
- Serological surveillance in 2016
- Future activities

Preparatory activities

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- One day regional work shop on BT
- Information to the border control services
- Information to the Government of RM on the potential risk from BT
- Coordination meetings with the laboratory for the disease preparedness

Legal frame and laboratory capacity

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- Legislation in line with EU legislation
 - Law on Veterinary Health in accordance with the Council Directive 92/119/EC
 - Programme for control and eradication of Bluetongue disease (OJ of RM 82/07)
 - Council Directive 2000/75/EC (as last amended)
 - Commission Regulation 1266/2007/EC (as last amended)
 - Other
- Notifiable disease (Book of Rules for control and eradication of compulsory notifiable diseases in accordance with the Council Directive 82/894/EC)

Laboratory capacity

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- Appropriate laboratory capacity
 - ELISA serology,
 - RT-PCR generic for BTV serotypes,
 - RT-PCR for BTV 1, 2, 4, 8, 9 and 16
 - Virus isolation in embryonated eggs and cell culture

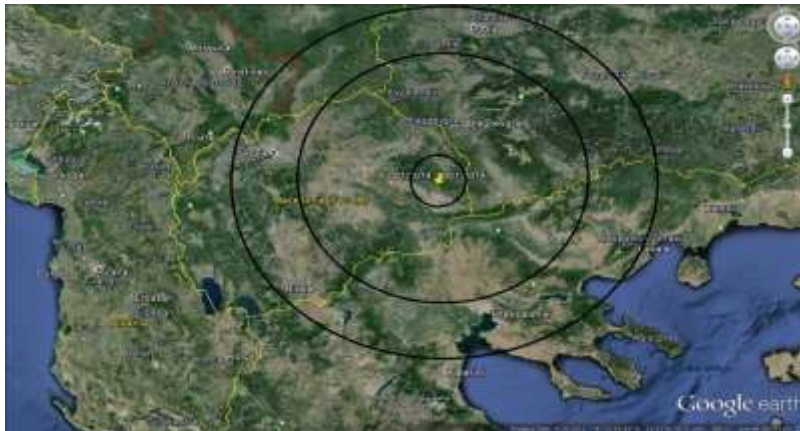
Case definition

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- Suspect case - animals that exhibit clinical signs of the disease
- Confirmed case – animals that reacted positive laboratory results and animals on contact holdings that exhibit clear signs of disease

Primary outbreak – confirmed 04.08.2014

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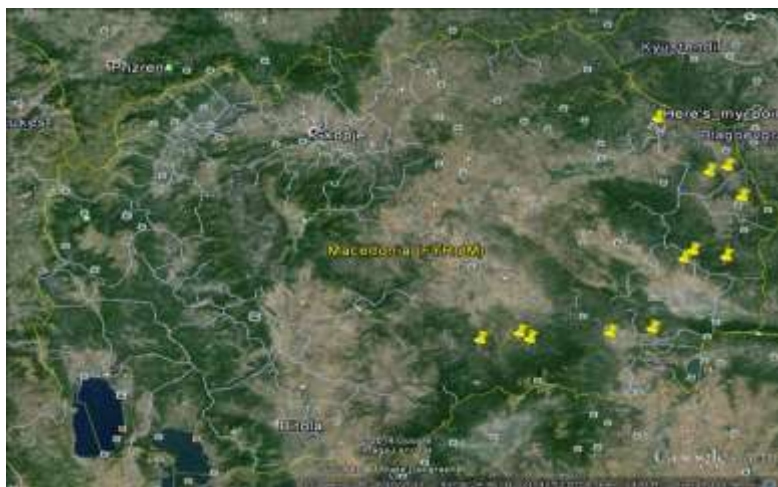


Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

Skopje, 13-14 September 2017

Situation on 12.08.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Situation on 29.08.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Situation on 02.09.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Situation on 15.09.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Situation on 01.10.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Situation on 15.10.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Situation on 28.10.2014

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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Measures implemented

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- Restrictive measure apply according program for control and eradication of Bluetongue disease (OJ of RM 82/07)
- Welfare of animals,
- Cleaning, disinfection and dezinsection,
- Use of repellents,
- Treatment of manure,
- Treatment of other organic waste etc.
- Decisions, instructions
- Posters, brochures, informative materials



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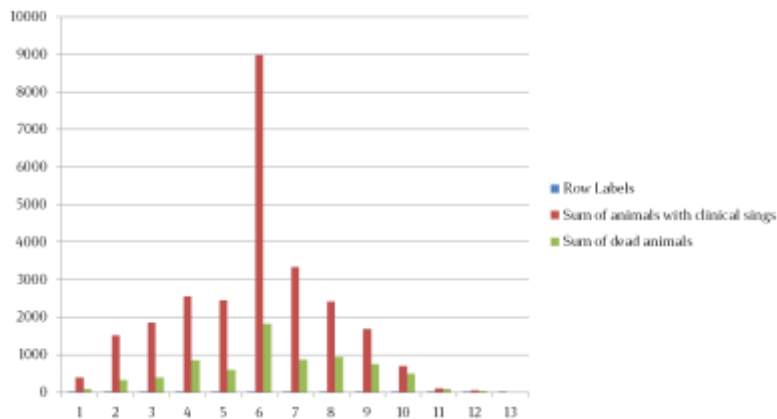


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Affected population

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Summary

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- Last outbreak on 4th November 2014
- Total number of outbreaks 1898

Total number of animals on the holdings			Animals with clinical signes			Dead animals		
Cattle	Sheep	Goats	Cattle	Sheep	Goats	Cattle	Sheep	Goats
5814	300686	10607	173	47174	283	33	21209	486
		Morbidity /Mortality	2,98	15,69	2,67	0,57	7,05	4,58

- 42% of population affected
- 99,3% of establishments disinfected (7293)

Financial implication

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- Disinfection 560.049,00 EUR
- Reimbursement 1.427.154,00 EUR
- Laboratory 134.500,00 EUR
- **Total 2.121.705,00 EUR**
- Indirect losses ?
- Utilization of other resources ?

- 2015 and 2016 suspect cases negative
- CVET mission 24-25th June 2015
- Posters, brochures and instructions
- Base line serological survey
- Vector monitoring in 2016 and 2017

Animal tested	Positive	Negative	Suspicious
245	57	141	21



Serological surveillance in goats

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Animal tested	Positive	Negative	Suspicious
208	79	147	12



Possible future activities

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- Monitoring of vectors 2018
- Screening
- Awareness campaign
- Informing of relevant stakeholders
- Recommendations for farmers
- Vaccination?
- Monitoring in sentinel animals?



Questions
Thanks for your attention