



## LSD situation in the region

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## All the way from Africa

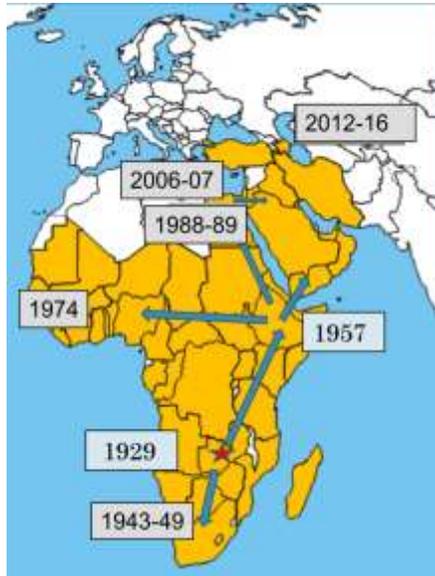
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**ASF vs LSD**

## Spread of LSD

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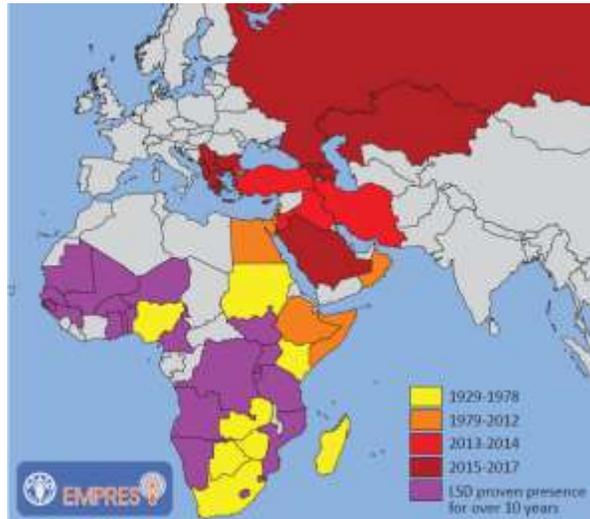


Train-of-trainer program for field veterinarians on LSD (TCP/RER/3605) - Kiev, Ukraine, 31 May – 1 June 2018

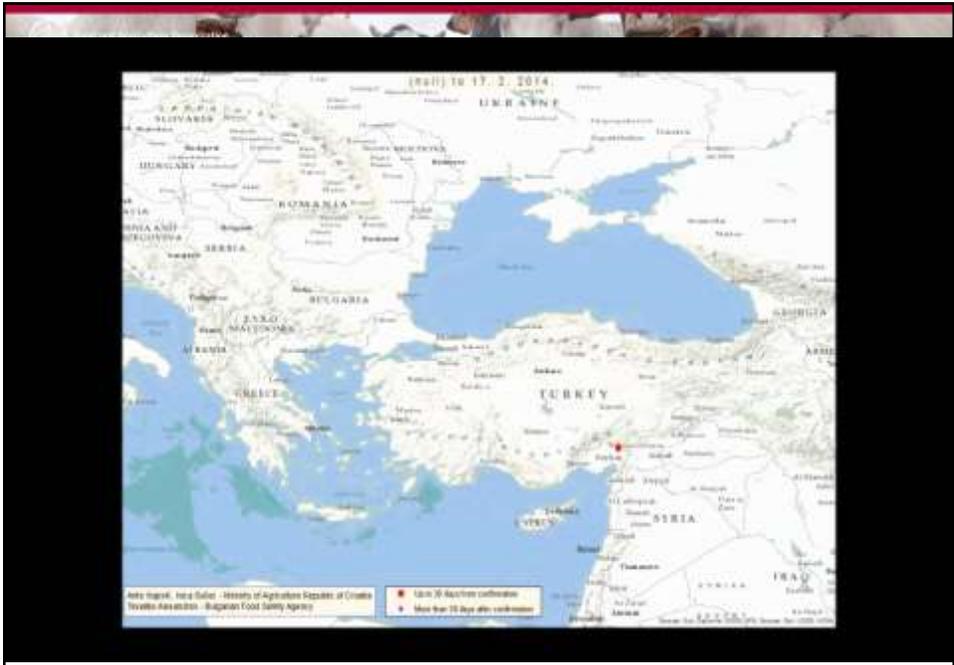
## Geographical spread of LSD

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Year	Countries with new or ongoing outbreaks (OIE WAHIS)
2010	Mozambique
2011	Guinea, Mozambique
2012	Guinea, Israel (232), Lebanon, Mozambique
2013	Egypt, Guinea, Iraq, Israel, Jordan, Lebanon, Mozambique, Palestinian Auton. Territories, Turkey
2014	Azerbaijan, Egypt, Guinea, Iran, Iraq, Israel, Kuwait, Mozambique, Turkey
2015	Armenia, Greece, Iran, Iraq, Kuwait, , Mozambique, Russia, Saudi Arabia, Turkey
2016	Armenia, Bulgaria, Greece, Iraq, Kuwait, FYR Macedonia, Mozambique, Turkey, Serbia, Kosovo, Montenegro, Georgia.
2017	Albania, Greece, FYR Macedonia (a sporadic outbreaks), Turkey, Russian Federation, Iraq, Kazakhstan, Saudi Arabia, Mozambique, Namibia



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Movie: Spread of LSD (Feb 2014 - Aug 2016)

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## LSD, Greece 2015

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Greece 18 August 2015



Greece 7 September 2015



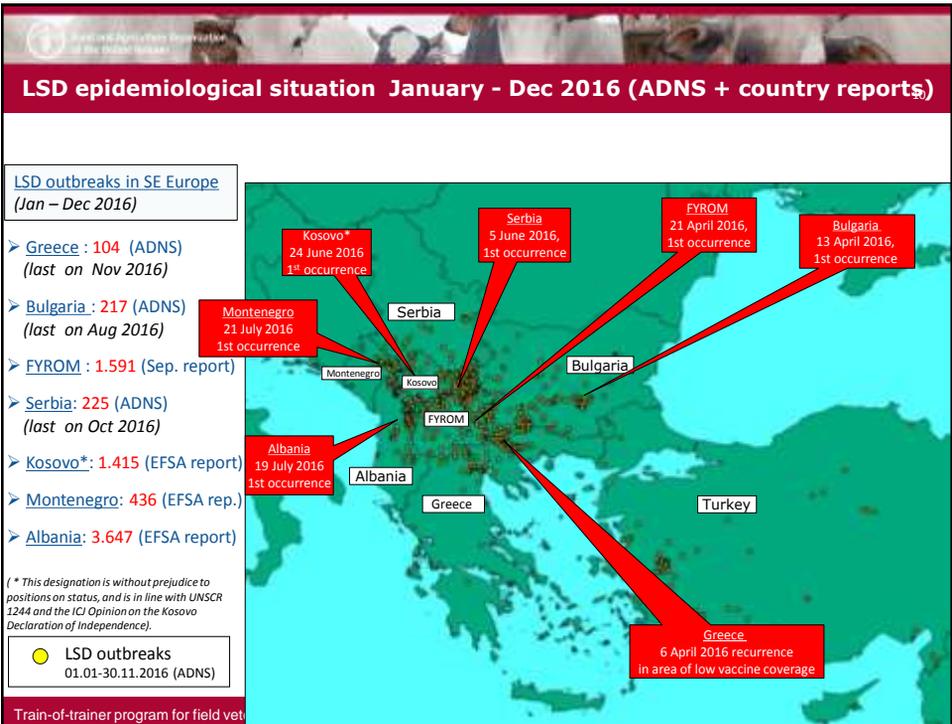
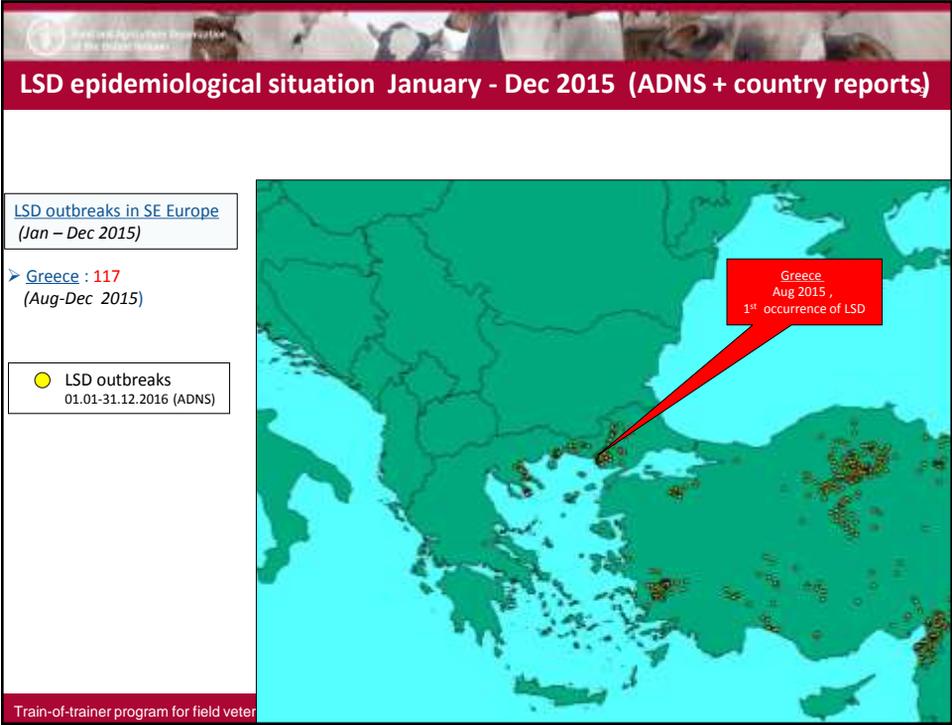
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## EFSA opinion (Jan 2015)

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- ✓ No preventive vaccination
- ✓ Full stamping out of affected herds
- ✓ Protection zone (3km), surveillance zone (10km), restriction zone (20km) (minimal)
- ✓ Movement restrictions of animals and animal products
- ✓ If needed vaccination in the restricted zone (20 km minimal)

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LSD outbreaks in SE Europe (Jan - Sep 2017)

- **Albania: 494** (ADNS, 160 with a suspicion date in 2017)
- **Greece: 2** (ADNS)
- **FYROM: 4** (ADNS)



Train-of-trainer program for field vet

The wave on the East, 2015



Source OIE WAHIS

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## The wave on the East, 2016

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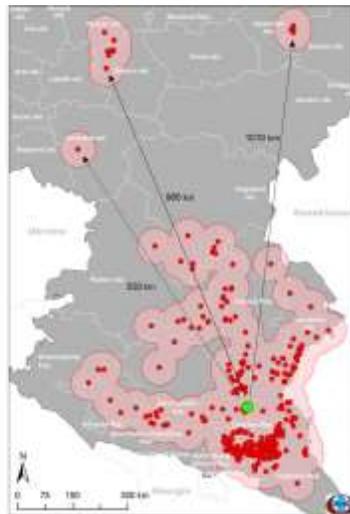
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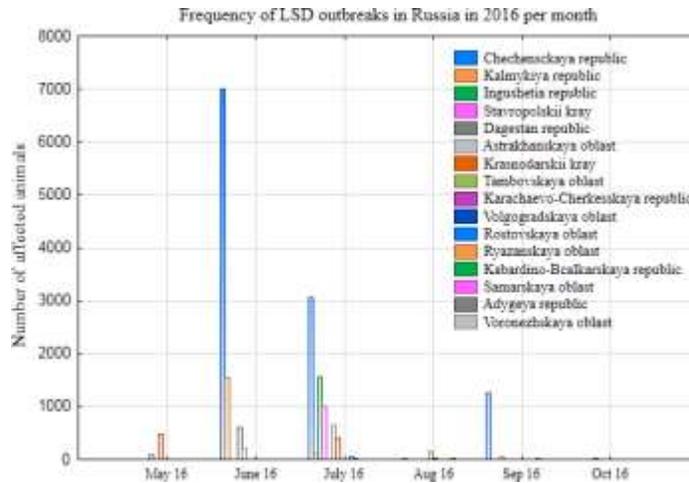


**313 LSD outbreaks in 16  
Russian regions in 2016**



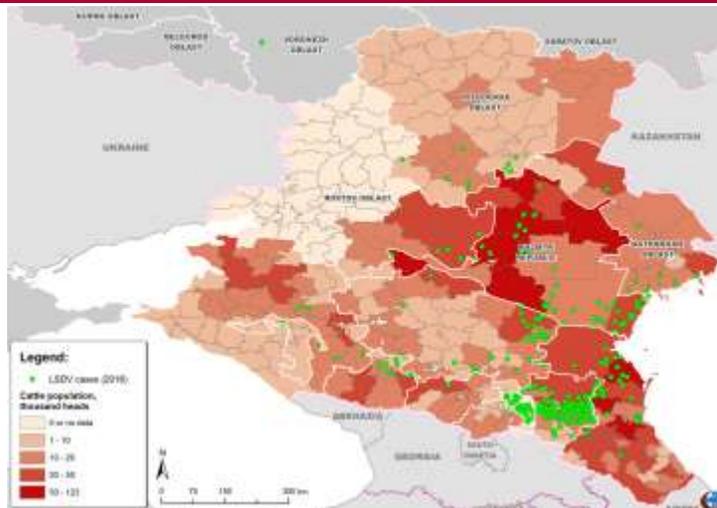
Sprygin A, Artyuchova E, Babin Y, et al. Epidemiological characterization of lumpy skin disease outbreaks in Russia in 2016. *Transbound Emerg Dis.* 2018;00:1–8. <https://doi.org/10.1111/tbed.12889>

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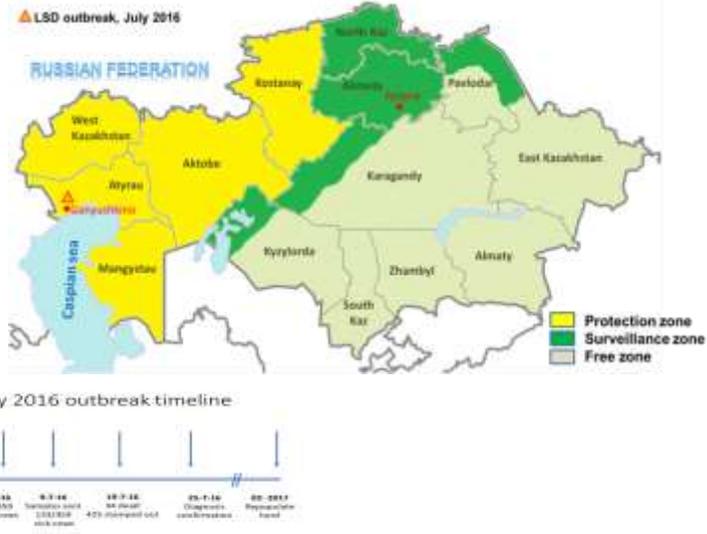
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# One outbreak in Kazakhstan in 2016



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# The wave on the East, 2017



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Source OIE WAHIS

# Thank you for the attention!