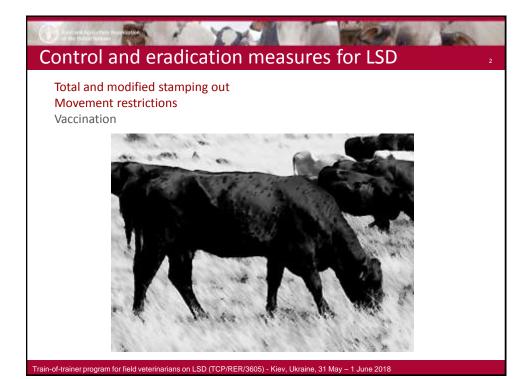
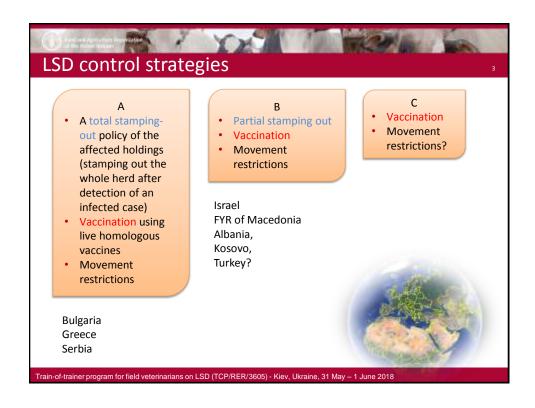


Measures used on LSD positive holdings

Tsviatko AlexandrovDVM, PhD, FAO International consultant

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

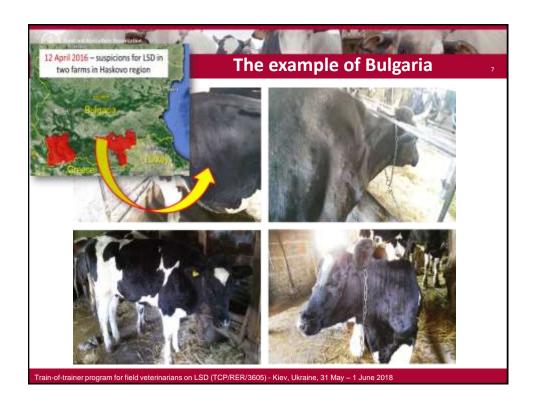




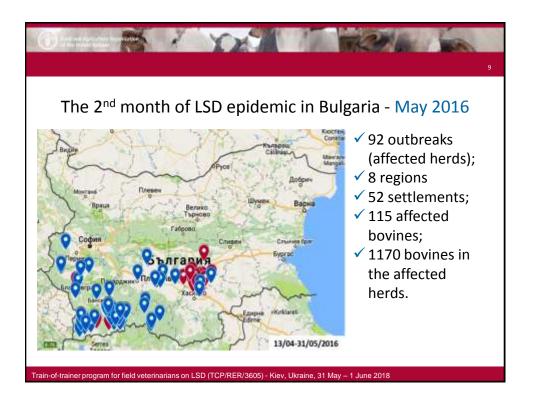


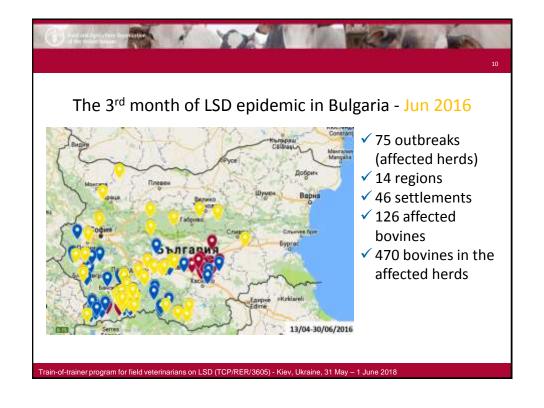


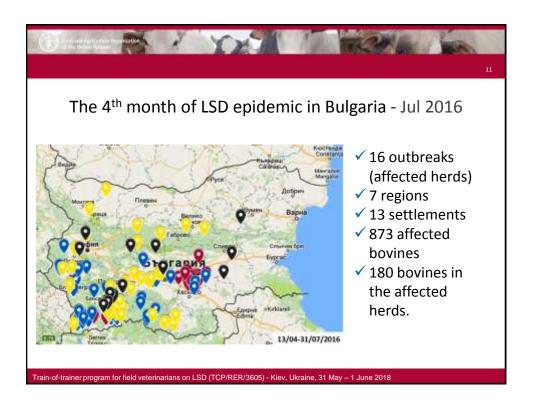




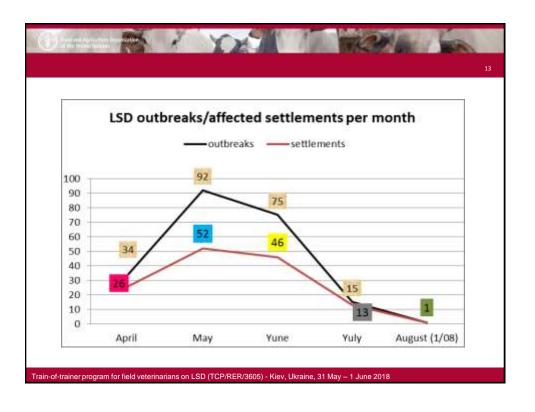


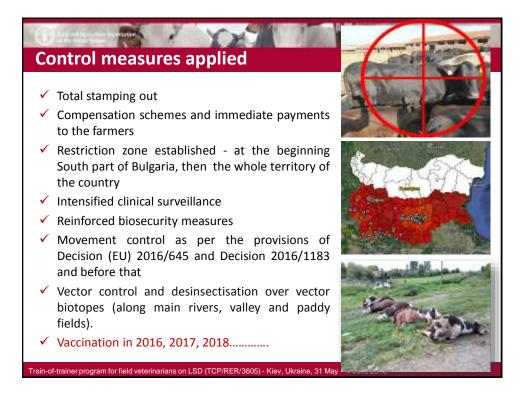


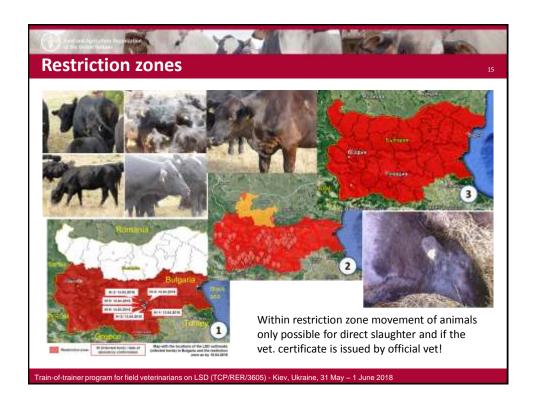


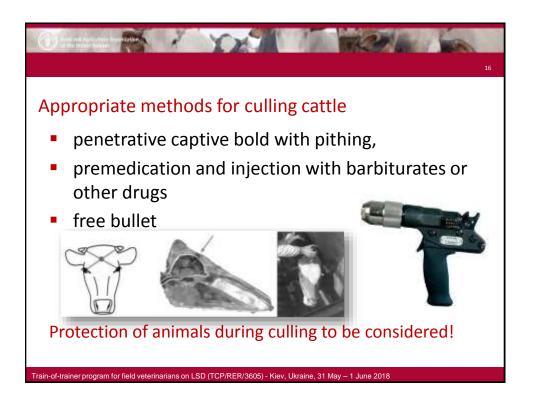




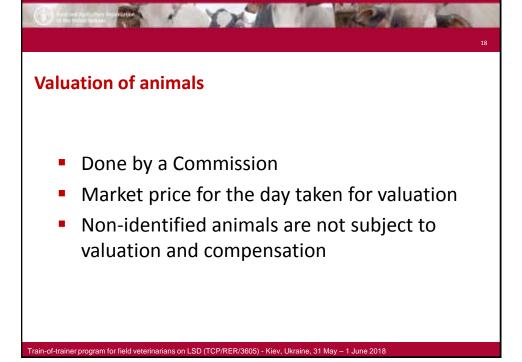




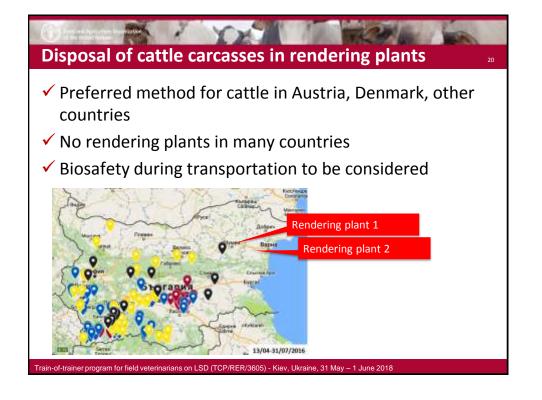


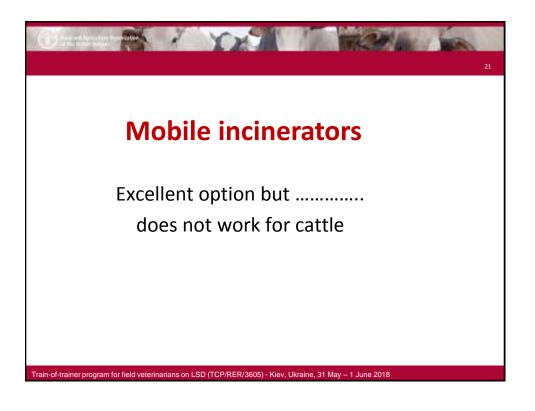
















Cleaning and disinfection of personnel, premises and environment

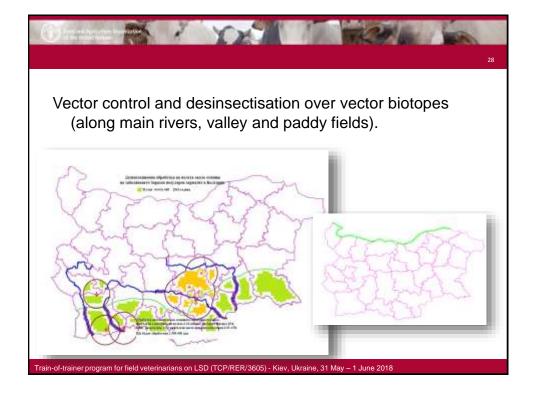
- ✓ LSDV is very stable and survives well in extremely cold and dry environments.
- ✓ The virus survives within the pH range 6.3-8.3.
- ✓ Infected animals shed scabs from skin lesions to the environment. Inside of these scabs the virus may remain infectious for several months.
- ✓ Thorough cleaning and disinfection with appropriate disinfectants should be performed all over the affected farm, trucks, personnel, premises and potentially contaminated environment.
- ✓ FAO provides practical recommendations for decontamination of premises, equipment and environment in the Animal Health Manual on Procedures for Disease Eradication by Stamping out (FAO 2001).

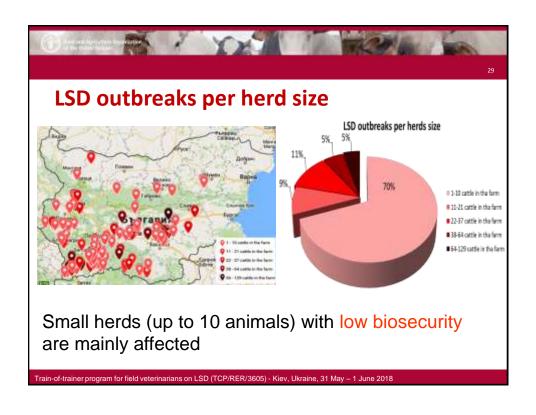
Train-of-trainer program for field veterinarians on LSD (TCP/RER/3605) - Kiev, Ukraine, 31 May – 1 June 2018

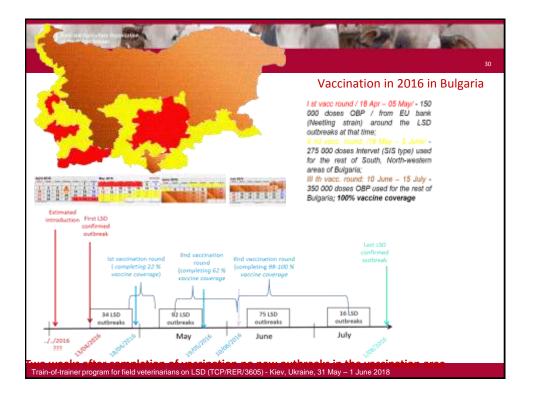


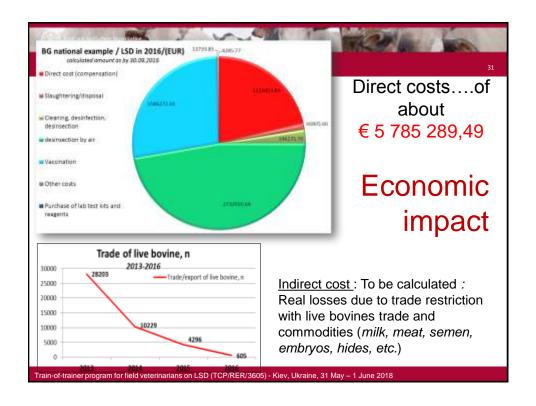












✓ New disease and lack of experience ✓ Quick response to many outbreaks at the same time ✓ Vaccine delivery – tender procedures; EC vaccine bank ✓ Outbreaks after vaccination ✓ Laboratory capacity ✓ Trade restrictions ✓ The social factor Train-of-trainer program for field veterinarians on LSD (TCP/RER/3605) - Kiev, Ukraine, 31 May – 1 June 2018

Lessons learnt

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LSD is clearly a regional problem that requires high level of awareness at technical and political level, involving many countries and can only be dealt with through coordinated international efforts

A YOUR STREET

- The main risks of LSD transmission are associated with transfer of virus by blood-feeding vectors and possibly direct contact between infected and naive animals as well as noncontrolled animal movements.
- Priority actions to prevent transmission are immediate culling and safe destruction of infected animals, safe mass vaccination to reduce disease spread, and movement controls to avoid long distance spread via direct contact with affected animals.
- Vaccination of cattle is the most effective option for controlling the spread of LSD especially if applied before the virus enters a region or a country.
- ✓ A lot of uncertainties and questions
- ✓ Researches needed

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

