



Communication & coordination between agencies involved

Session 1: Contingency planning, risk management and communication

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Conclusions from the Conference on Lumpy Skin Disease Sofia, Bulgaria, September 8-9, 2016

In the context of the current critical situation in relation to the spread of Lumpy Skin Disease (LSD) the delegations of Albania, Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, FYROM, Greece, Hungary, Israel, Italy, Moldova, Montenegro, Romania, Serbia, Slovakia, Slovenia, Turkey and Ukraine agreed on the following:

1. Lumpy Skin Disease (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 triggered by swift international initiatives. Contribution of the OIE in this effort will be of paramount importance.
2. There is a need for close coordination at international level, coupled with transparency and regular exchange of epidemiological information between countries. To this end we must all continue our efforts to maintain and further promote regional cooperation and exchange of information between LSD affected and at risk countries through a structure able to put together information and resources for the countries in the region.
12. All countries and the European Commission should continue to support regional cooperation and coordination for LSD in the area through active participation and promotion of international meetings organised under the umbrella of EU, GF-TADS, OIE, FAO....
13. All countries and the European Commission should work together to secure additional financial support and other resources needed for the combat against LSD.....

LSD - compulsorily notifiable disease

The owner, person attending, transporting or looking after animals is obliged to notify without delay to the competent authority the presence or suspected presence of LSD?

The owner, person attending, transporting or looking after animals shall keep LSD infected animals or animals suspected of being infected isolated

Veterinarians, staff of veterinary or other laboratories and any person with a occupational relation to susceptible animals is obliged to notify without delay to the competent authority the presence or suspected presence of LSD

Country is obliged to notify the disease and provide information and written reports for outbreak of LSD to the OIE/Commission/other Countries

What is missing?

Organization Chart on Communication and Coordination



Networking during Pre-epidemic, Epidemic and Post-epidemic

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- Ministries (Agriculture, Financial, Internal affairs etc.),
- Agencies
- Regional and municipal epidemiological Commissions
- NDCC and LDCC
- Farmers associations

The minister of culture

The minister of finances



Lumpy skin disease prevention, control, and awareness workshop

Budapest, Hungary, 7-9 March 2017



Coordination with police and border police

Lumpy skin disease prevention, control, and awareness workshop

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The fire brigade



Discussions with farmers



Hunters?



Ensure effective cooperation regarding:

Laboratory standards and methods in diagnosis

Mutual agreement between National Reference Laboratories (such agreements are reported to the Commission), as well as cooperation with the Community Reference Laboratory

Expert groups supporting National Disease Control Center

For trade.... communication to

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Ensure traceability of animals or products of animal origin

Trace animals dispatched from the outbreak zones

Inform other countries for establishments approved to certificate products of animal origin from protection and surveillance zone

Country notification of LSD

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- Suspicion?
- **Primary outbreak:** within 24 hours via ADNS, WAHIS, Reports, other tools....
- **Secondary outbreak:** Follow up reports in WAHIS, weekly notifications in ADNS, Reports, other tools....

Transboundary High Risk Area Coordinated Epidemiology-surveillance programme (THRACE) in Bulgaria, Greece, and Turkey




Example!

EuFMD work plan

- A **co-ordination framework** has been established between Bulgaria, Greece, and Turkey in the framework of the EuFMD work plan in order to implement the programme, share the results of the activities and facilitate the communication between the countries;
- A **risk based surveillance** has been designed and implemented in the area. The surveillance include multiples activities and it has been targeted for each country to detect different level of seroprevalence according to risk and feasibility;
- A **web-database** has been created in order to allow the recording, on real time basis, of the controls carried out and the related outcomes;
- A **deterministic model** for the analysis of FMD surveillance data to demonstrate freedom from disease has been developed. The model uses a range of data inputs and makes a number of assumptions and simplifications (e.g. epi-units grouped in two levels of risks, probability of infection estimated as annual probability, estimated sensitivity of clinical surveillance).

The epidemiological data is collected from three countries and entered into database developed for THRACE using Google Fusion software which provides geographical location. It allows creating "heat maps" showing density of susceptible animals population by species and epi-units visited most frequently. Database includes possibilities for new infections (TADs) to be entered and used for models to calculate the confidence of freedom.

Surveillance area in Thrace. Heat map shows how frequently are the epiunits inspected over 2016 (the more red – the more times inspected)



Lumpy skin disease prevention, control, and awareness workshop *Budapest, Hungary, 7-9 March 2017*

Country coordinated strategies for LSD?

- Surveillance (Risk based)
- Control measures
- Vaccination campaigns

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The way forward

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- ✓ **International Cooperation**
- ✓ **Regional coordination**
- ✓ **Adoption of sustainable policies**

Thank you!