



Food and Agriculture  
Organization of the  
United Nations

SUSTAINABLE  
DEVELOPMENT  
GOALS

# FAO's resources and support on LSD

LSD Coordination Meeting for SEA





## FAO resources and support on LSD

**Technical resources**  
(manuals, templates, tools)

**Trainings**  
(open-access VS tutored)

**Coordination and  
Resource mobilization**



# FAO resources and support on LSD

## Technical resources (manuals, templates, tools)



Food and Agriculture  
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United Nations

### Introduction and spread of lumpy skin disease in South, East and Southeast Asia

Qualitative risk assessment and management

FAO ANIMAL PRODUCTION AND HEALTH / PAPER 183



### position paper

SUSTAINABLE PREVENTION,  
CONTROL AND ELIMINATION OF  
LUMPY SKIN DISEASE

Eastern Europe and the Balkans



### Lumpy Skin Disease Contingency Plan Template & Emergency Vaccination Plan



contingency plans

*(This template has been developed by FAO Regional Office  
for Europe and Central Asia)*

#### Introduction

FAO has developed two complementary documents/guides to aid veterinary services in their preparedness against lumpy skin disease (LSD), namely:

- A Lumpy Skin Disease Contingency Plan to guide veterinary services in the development of their own national LSD



# FAO resources and support on LSD

## Technical resources (manuals, templates, tools)

### Economic cost of lumpy skin disease outbreaks in three Balkan countries: Albania, Bulgaria and the Former Yugoslav Republic of Macedonia (2016-2017)

Jordi Casal<sup>1,2</sup> | Alberto Allepuz<sup>1,2</sup> | Aleksandra Miteva<sup>3</sup> | Ledi Pite<sup>4</sup> |  
Blagojco Tabakovsky<sup>5</sup> | Dimitar Terzievski<sup>5</sup> | Tsvyatko Alexandrov<sup>3</sup> |  
Daniel Beltrán-Alcrudo<sup>6</sup>

	2016		
Cost per outbreak	Albania	Bulgaria	FYROM
Outbreak investigation			
Visit to the farm	6 (1.8)	70.3 (5.4)	12.2 (0.6)
Laboratory technique	39.2 (11.6)	383 (29.5)	87.5 (4.2)
Transport to laboratory	0.8 (0.2)	5 (0.4)	0.2 (0)
Carcass disposal			
Personnel	3.4 (1)	65 (5)	22.2 (1.1)
Materials used	35.8 (10.6)	350.2 (27)	459.8 (22.1)
Compensation to the farmers	0 <sup>a</sup>	5590 (431)	1967 (94)
Cleaning/disinfection/fumigation			
Personnel	2.7 (0.8)	2.8 (0.2)	148.6 (7.1)
Materials used	4.9 (1.5)	304 (23.4)	166 (8)
Treatments	8.4 (2.5)	0.5 (0)	0 (0)
Disease costs			
Milk	41.1 (12.2)	40 (3.1)	0 (0)
Dead animals	688 (204)	2.9 (0.2)	204 (9.8)
Others	39 (11.5)	16.1 (1.2)	2.2 (0.1)
Indirect cost			
Loose of opportunity	na	164.9 (12.7)	na
Total	869 (258)	6,994 (539)	3,071 (147)





# FAO resources and support on LSD

## Trainings (open-access VS tutored)

← → ↺ eufmdlearning.works/mod/page/view.php?id=16805

**eufmd learning** COURSES ▾ RESOURCES ▾ SUPPORT ▾ ENGLISH (EN) ▾

### EuFMD Virtual Learning

#### Introduction to Lumpy Skin Disease


An introductory module for the Asia-Pacific Region

**Lumpy skin disease Online Preparedness Course**

 Food and Agriculture Organization of the United Nations

#### What does the course cover?

- General overview on LSD
- Clinical diagnosis
- Laboratory diagnosis
- Epidemiology and outbreak investigation
- Monitoring and surveillance
- Control and eradication





## FAO resources and support on LSD

### Coordination and Resource mobilization

- EMC sub-regional meeting on LSD (CA, LA, PH, VN) – 31 March 2021
- Resource mobilization:
  - **Regional level:** exploring the possibilities to support LSD prevention and control through SSC project; coordination and collaboration efforts; lab supplies (w. IAEA)
  - **Country level:**
    - Cambodia, Myanmar, Lao PDR, and Viet Nam
    - LSD leaflets/posters (for Vets and for farmers)
    - Financial support for field missions and sequencing (sample submission)
    - Technical support: Risk Assessment, Response (EMC)