



Key components of the project (TCP/RER/3605)

Strengthening the regional preparedness, prevention and response against lumpy skin disease in Belarus, Moldova and Ukraine

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The project

Project Title:	Strengthening the regional preparedness, prevention and response against lumpy skin disease in Belarus, Moldova and Ukraine
Project symbol:	TCP/RER/3605 (648147)
Recipient Countries:	Republic of Belarus, Republic of Moldova and Ukraine
Governments / other counterparts:	veterinary services (within the ministries of agriculture): <ul style="list-style-type: none"> Ministry of Agriculture and Food of Belarus Ministry of Agriculture, Regional Development and Environment of Moldova Ministry of Agrarian Policy and Food of Ukraine Veterinary associations, cattle farmer associations and academia from the recipient countries
Starting Date:	01 January 2018
End Date:	30 June 2019 (18 months)
Contribution to FAO's Strategic Framework:	Strategic Objective 5 - Increase the resilience of livelihoods to threats and crises <ul style="list-style-type: none"> Organizational Outcome 501 - Countries and regions adopt and implement legal, policy and institutional systems and regulatory frameworks for risk reduction and crisis management Regional Result: 30% Organizational Outcome 502 - Countries and regions provide regular information and early warning against potential, known and emerging threats: 30% Organizational Outcome 504 - Countries and regions affected by disasters and crises prepare for, and manage effective responses: 40% <ul style="list-style-type: none"> Regional Initiative/ Priority Area: Regional Initiative 3
Total Budget:	USD 300 000

Background / Justification

- LSD is a newly emerged transboundary animal disease spreading throughout the Middle East, Turkey, the Balkans, the Caucasus and Eastern Europe.
- Countries with no LSD are generally not familiar with it.
- Introduction of LSD into naïve population causes considerable economic losses (death of cattle, decrease in productivity, cost of control, trade restrictions, and impacts on livelihoods).
- High risk of an imminent incursion into neighbouring still unaffected countries through both formal and informal trade routes, e.g. Belarus, Moldova and Ukraine.

- Enhancing legal, regulatory preparedness and coordination for LSD at national level;
- Enhancing capacities of national veterinary services for LSD detection, prevention and control;
- Strengthening disease intelligence capacities for LSD, i.e. risk analysis and cost-benefit analysis;
- Conducting awareness campaigns for veterinarians, farmers and academia;
- Strengthening the regional coordination.

Through implementing its activities, the project will contribute to reducing threats of LSD spread in Eastern Europe and further to the EU.

OUTPUT 1	Enhanced legal, regulatory preparedness framework for LSD developed at national level. As a result, countries will have LSD national contingency plans and a vaccination strategy that will be validated through simulation exercises. Similarly, some of the weaknesses identified will be resolved through outputs 1-5.
OUTPUT 2	National veterinary service personnel trained in LSD detection, prevention and control
OUTPUT 3	Veterinary service personnel trained on risk management and communication for eventual outbreaks.
OUTPUT 4	LSD awareness among all stakeholder levels created
OUTPUT 5	Regional coordination. Focal points in the veterinary service of each country will be designated to simplify communication in the emergency event. Coordination will be done via email, teleconferences and two main regional workshops (i.e. one inception and one final).

OUTPUT 1	Enhanced legal, regulatory preparedness framework for LSD developed at national level. As a result, countries will have LSD national contingency plans and a vaccination strategy that will be validated through simulation exercises. Similarly, some of the weaknesses identified will be resolved through outputs 1-5.
ACTIVITIES for achieving output 1	
1.1	Strengths and weaknesses of the national veterinary and diagnostic services are assessed , i.e. from capacities, to organigram, competences and functions. Within this task, existing legal powers and strategy documents are assessed, improved and developed as needed (in line with international standards), such as contingency and national control plans, etc.
1.2	Simulation exercises on LSD are organized to ensure appropriate emergency preparedness. A series of desktop simulation exercises involving all relevant government agencies are organised to test the different components of the contingency plan in realistic outbreak scenarios (one per country).
1.3	Workshop for the development of effective and feasible vaccination strategy and plan. This includes a half a day training and advice on how to perform the following tasks: <ul style="list-style-type: none"> - The selection of the right vaccine product; - The evaluation, recording and reporting side reactions after vaccination; - Writing technical specifications for vaccine procurement and conducting tenders; - Specifications on quality assurance control of vaccines (potency, purity, safety, immunity, etc.) - Cold storage and delivery of large numbers of vaccines in face of an outbreak.

Output 2

7

OUTPUT 2 National veterinary service personnel trained in LSD detection, prevention and control

ACTIVITIES for achieving output 2

- 2.1 Lab training activities** are organized at national level based on the results of the assessment under Activity 1.1.:
- Performance of diagnostic methods for LSD antigen and antibody detection.
 - Writing technical specifications, conducting tenders for procurement of diagnostic reagents and kits;
 - Good Laboratory Practice (GMP)
- 2.2 Epidemiology training activities.** One 1-day training workshops conducted in each country to increase skills and educate epidemiologists from vet services (i.e. LSD epidemiology, surveillance, disease recognition, outbreak investigation, sampling and shipping, control operations, etc.)
- 2.3 Train-of-trainer (TOT) program for field vets** on LSD recognition; Farm and personal biosecurity; Outbreak investigation; Sample collection and submission; Vaccination; Executing and managing quality control of depopulation – safe disposal of infected carcasses; Cleaning and disinfection procedures in affected cattle farms; and Feasible vector control.
- 2.4** Practical field trainings on vector surveillance and identification performed followed up by insect collection and identification performed at outbreak sites (if reported throughout the course of the project)

Inception workshop of TCP/RER/3605 - Kiev, Ukraine, 29-30 May

Output 3

8

OUTPUT 3 Veterinary service personnel trained on risk management and communication for eventual outbreaks.

ACTIVITIES for achieving output 3

Title	Description
3.1	Risk on entry, spread and establishment of LSD is assessed. This will be done through country-level training workshops on risk assessment with relevant stakeholders (i.e. government officials, private veterinarians, farmers/farmer associations and middlemen).
3.2	A cost-benefit analysis on different LSD outbreak management options is performed, including feasibility of different or non-stamping-out policies, vaccination strategies, disposal of culled animals, compensation options, disease surveillance, etc.
3.3	Consultations with the veterinary services to develop a risk-based serosurveillance strategy document based on Activity 3.1
3.4	Training provided on effective risk communication (to media, general public, retailers, farmers, etc.)

Inception workshop of TCP/RER/3605 - Kiev, Ukraine, 29-30 May

Output 4

9

OUTPUT 4 LSD awareness among all stakeholder levels created

ACTIVITIES for achieving output 4

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| 4.1 | Developing an awareness strategy document targeting the most relevant stakeholders, defining the communication methods and the frequency of dissemination. |
| 4.2 | Developing and adapting awareness and technical materials to meet different stakeholder needs and also translated to local languages and disseminated: leaflets, posters, infographics, presentation, papers and social media posts. The existing LSD Field Manual and other relevant FAO documents will be translated and printed. |
| 4.3 | Organizing stakeholder workshops and distributing awareness raising materials to participants. National NGOs and farmer associations will be engaged to facilitate dissemination of the awareness materials. |
| 4.4 | Training farmer and animal care personnel through a train-of-trainer approach on early recognition of LSD infected animals, prevention (e.g. biosecurity and vector control) and reporting. |
| 4.5 | Develop and incorporate LSD materials into curricula of veterinary faculties. Lessons will be developed in order to be incorporated into curricula of veterinary faculties for students and post-graduated professionals. |

Inception workshop of TCP/RER/3605 - Kiev, Ukraine, 29-30 May

Output 5

10

OUTPUT 5	Regional coordination. Focal points in the veterinary service of each country will be designated to simplify communication in the emergency event. Coordination will be done via email, teleconferences and two main regional workshops (i.e. one inception and one final).
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ACTIVITIES for achieving output 5

Title	Description
5.1	<p>Inception workshop to support project coordination and cooperation and coordination.</p> <ol style="list-style-type: none"> 1) coordinate the implementation of prevention and control actions, e.g. vaccination programs, movement control, etc. between vet services; 2) present the results of LSD-related activities and provide updates on the disease situation; 3) provide a forum for discussions and exchange of ideas. <p>To be attended by country representatives (4), international consultants (4), FAO staff (2), national consultants (2) and representatives from the LoA service providers (5).</p>
5.2	<p>Final workshop to:</p> <ol style="list-style-type: none"> 1) present project results to donors, international institutions; 2) discuss potential follow-up to the project, if needed; 3) coordinate the implementation of prevention and control actions, e.g. vaccination programs, movement control, etc.; 4) present the results of LSD-related activities and provide updates on the disease situation; and 5) provide a forum for discussions and exchange of ideas. <p>To be attended by donors and international agencies (2), country representatives (4), international consultants (3), and FAO staff (2).</p>

Inception workshop of TCP/RER/3605 - Kiev, Ukraine, 29-30 May

Implementation strategy (1)

11

- **Major partners:** Vet services within each country. They will serve as liaisons with other actors, e.g. vet associations, private veterinarians, or the national diagnostic laboratories.
- **National project coordinators (NPC):** Senior government focal points appointed by national governments. NPCs have an overall responsibility for national inputs:
 - Assist in the implementation of the project
 - Facilitate involvement and collaboration with relevant national staff
 - Communicate events relating to project implementation
 - Act as counterparts to national and international consultants.
- **Project management** will be based at FAO REU in Budapest, Hungary.
- **Appointed international consultants:** To provide expertise and technical guidance.

Implementation strategy (2)

12

- **National consultants:** To assist with local coordination with national counterparts and logistics.
- **Letters of Agreement (LoAs):** Signed with national Universities and NGOs, who will be (in the absence of a FAO office in the country), be in charge of:
 - Interpretation services
 - Translation of materials
 - Graphic design, printing and distribution of awareness materials
 - Organize workshop logistics (venue, accommodation, interpretation, local transportation and catering)
 - Incorporate LSD into the academic curricula
 - Technical inputs

Implementation strategy (3)

13

- Active **liaison with all stakeholders and agencies** to avoid duplication of efforts and ensure complementarities with other interventions.
- Additional external assistance attracted from **other agencies and donors**.
- **Review of progress every six months** and provide further guidance.
- The project work plan will be discussed and elaborated/ revised during the inception phase of the TCP, within the guidelines of the project and supporting documents.
- At the end of the project, FAO will implement a workshop for the presentation of project achievements and suggestions for possible follow up/development interventions, to be submitted to the Government.

Inception workshop of TCP/RER/3605 - Kiev, Ukraine, 29-30 May

Work Plan

14

WORK PLAN TCP/RER/648147	Year 1				Year 2	
	Q1	Q2	Q3	Q4	Q5	Q6
OUTPUT 1						
Activity 1.1	x	x				
Activity 1.2				x	x	
Activity 1.3	x	x	x			
OUTPUT 2						
Activity 2.1		x	x	x		
Activity 2.2	x	x				
Activity 2.3			x	x		
Activity 2.4		x	x	x		
OUTPUT 3						
Activity 3.1			x	x	x	x
Activity 3.2			x	x	x	x
Activity 3.3				x	x	
Activity 3.4	x					
OUTPUT 4						
Activity 4.1	x	x	x			
Activity 4.2	x	x	x			
Activity 4.3			x	x		
Activity 4.4			x	x		
Activity 4.5				x	x	
OUTPUT 5						
Activity 5.1	x					x

Inception workshop of TCP/RER/3605 - Kiev, Ukraine, 29-30 May

Within the project:

- **Mailing list** (National and international consultants, NPCs, LoA recipients, FAO management team, others?)
- **Teleconferences** if needed

Outside the project - FAO will ensure full visibility of the project through:

- A **website** devoted to the LSD situation, translated into different languages, which will serve as a knowledge hub for the recipient countries (but also other countries in the region). The website will contain freely downloadable documents including awareness communication materials, such as posters and leaflets, presentations, publications, etc.
- **Publications** in national and international media
- REU website and other ad-hoc **FAO publications** on animal health (EMPRES News, AGA News, mailing lists, etc.)
- Publication in **scientific journals**

International consultants:

- Disease control expert: Tsviatko Alexandrov
- Lumpy skin disease specialist: Nadav Galon
- Mark Hovari
- On vectors or laboratory diagnosis?

National consultants:

- Belarus: Dmitry Morozov
- Moldova: Silvia Sitnic-Adam
- Ukraine: Valeriya Zvorygina

International institutions:

- University of Barcelona (risk assessment, cost-benefit analysis and curriculum development): Jordi Casal & Alberto Allepuz
- On vectors and laboratory diagnosis?

National institutions:

- Belarus: Academy of Science
- Moldova: t.b.d.
- Ukraine:
 - Beef Association: Anna Lavrenyuk
 - Kharkiv institute: Olexii Solodiankin / Artem Skrypnyk

National project coordinators (NPCs):

- Belarus: Smilhin Ivan Ivanovich
- Moldova: Vitalie Dragan
- Ukraine: Mykola Sonko

REU team:

- Andriy Rozstalnyy (LTO)
- Daniel Beltran-Alcrudo
- Daniela Mangione (BH)

Parent Account	Parent Account	Account	Account Description	Org	Original Budget
5013	Consultants	5542	Consultants - Internationally-recruited	REUTD	72 000
5013	Consultants	5543	Consultants - Locally-recruited	REUTD	25 600
5014	Contracts	5650	Contracts Budget	REUTD	119 000
5021	Travel	5684	Travel - Consultants - International	REUTD	28 088
5021	Travel	5685	Travel - Consultants - National	REUTD	1 800
5021	Travel	5692	Travel - Technical Assistance to Field Projects	REUTD	3 800
5027	TSS	6111	Report Costs	REUTD	2 600
5027	TSS	6120	Technical Assistance to Field Projects	REUTD	14 275
5028	GOE	6300	General Operating Expenses Budget	REUTD	13 211
5029	Support Costs	6130	Support Costs Budget	REUTD	19 626
				Grand Total	300 000

Thank you for the attention