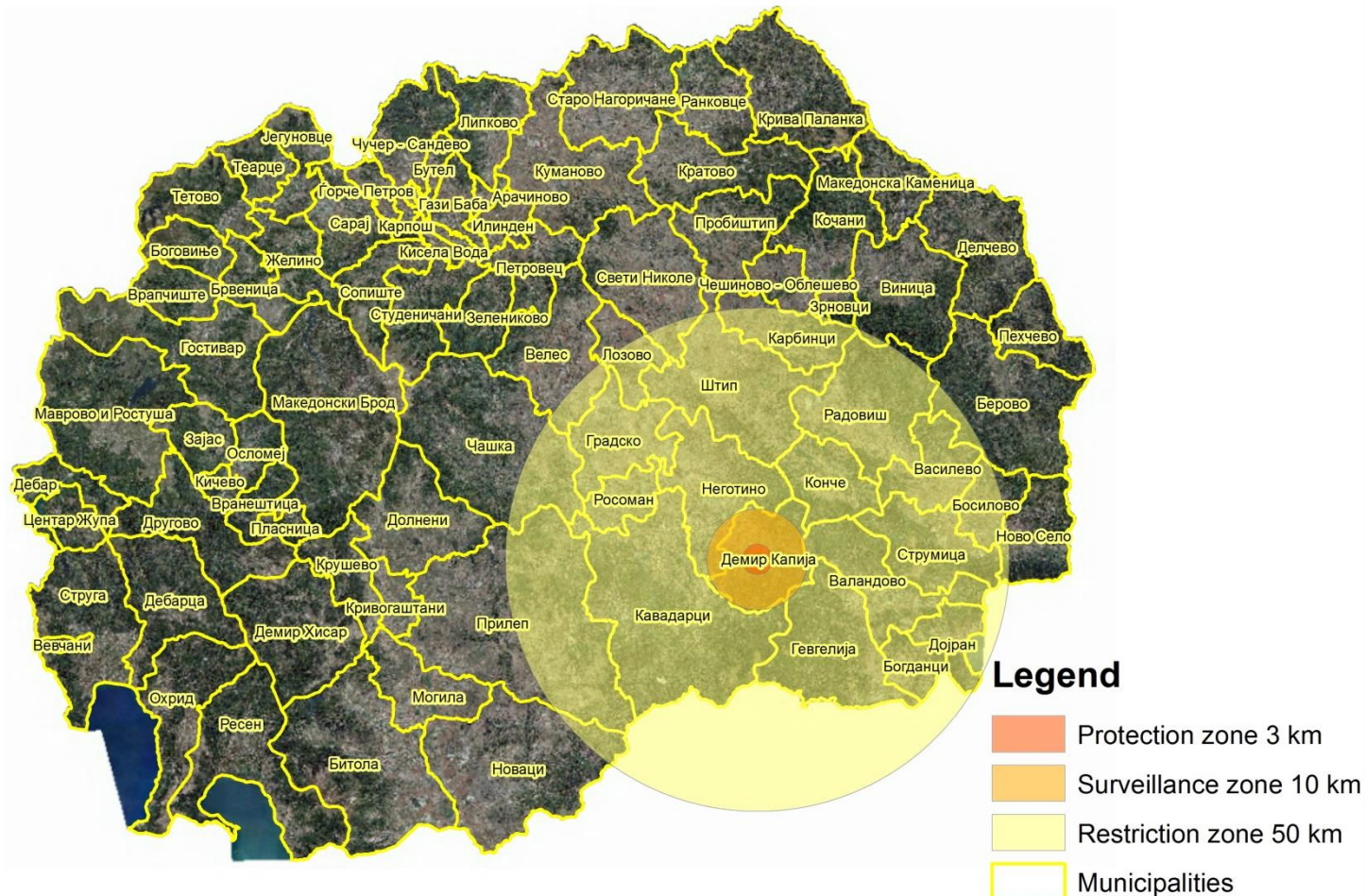


Lumpy Skin Disease in Republic of Macedonia

Dr. Abdulezel Dogani, Deputy Director of
Food and Veterinary Agency of Republic of
Macedonia

Primary outbreak-Demir Kapija



Primary outbreak-Demir Kapija

- Date of suspicion: 18 April 2016 suspicion of LSD reported
- Location: Demir Kapija, southeastern part of the country
- Clinical signs: 1 animal shows nodules on the body, nasal discharge, salivation, decreased lactation, increased body temperature 40.5°C
- Type of holding: Cattle – 5 animals, semi grazing

Primary outbreak-Demir Kapija

- Date of confirmation: 21 April 2016 laboratory confirmation of LSD (Bulgaria)
- Date of depopulation: 22 April 2016
- Cleaning and disinfection, insect control (disinsection)
- Zoning:
 - Protection zone - 3 kilometers
 - Surveillance zone - 10 kilometers
 - Additional Restricted zone – 50 kilometers

Control measures-Legislation in force

- Law on Veterinary Health

In accordance with the Council Directive
92/119/EC

- Book of Rules for control and eradication of
compulsory notifiable diseases

In accordance with the Council Directive
82/894/EC

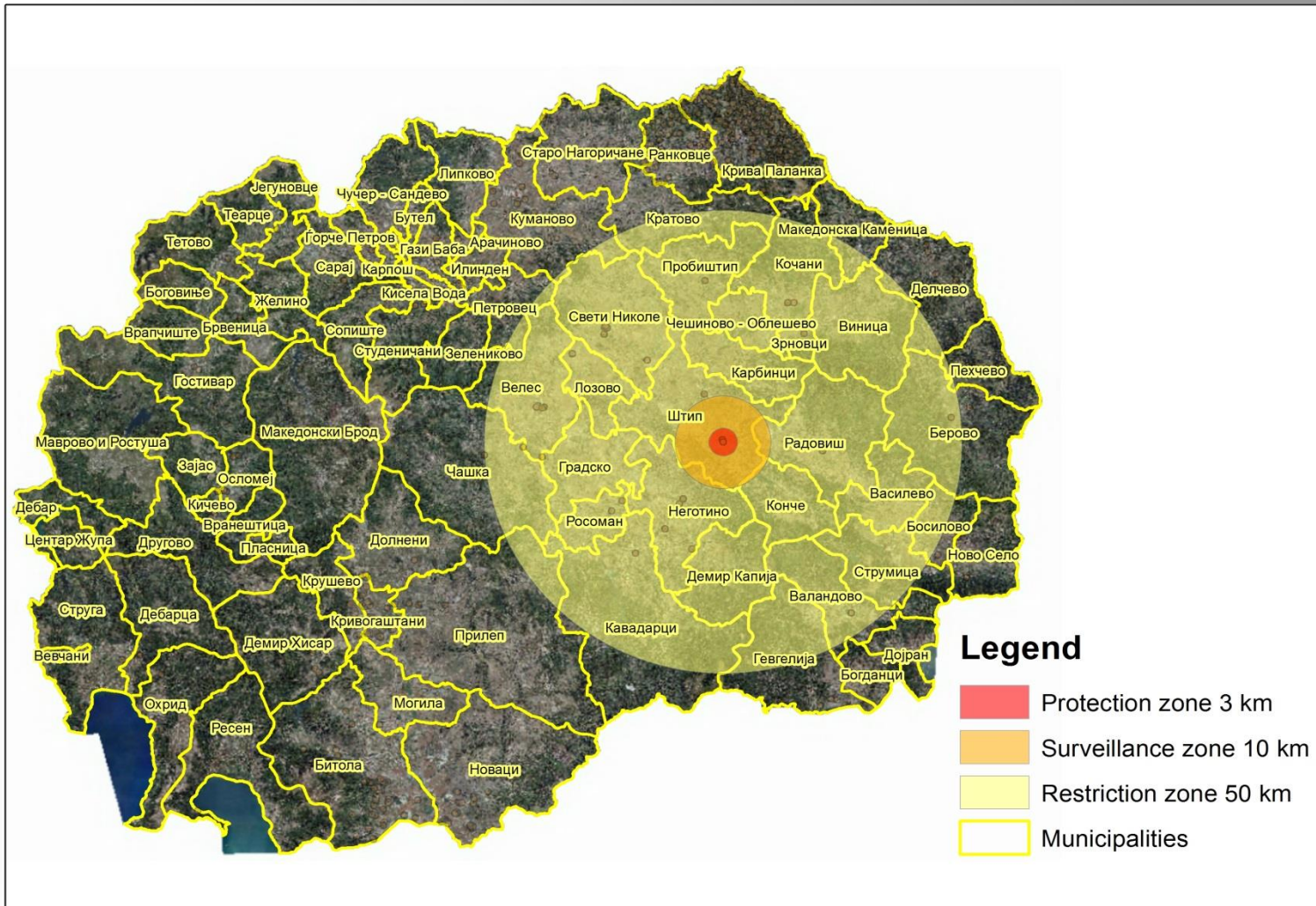
Primary outbreak-control measures 1

- Measures inside the zones:
 1. Ban of movement of:
 - live bovine animals
 - meat and meat products,
 - milk and milk products,
 - semen ova and embryos,
 - feed
 - animal waste
 - equipment and other materials

Primary outbreak – control measures 2

2. Closing of animal markets and collection centers
3. Ban for exhibitions, fairs and gatherings
4. Insect control of holdings (disinsection)
5. General disinsection
6. Enhanced biosecurity measures on the holdings

Secondary outbreak-Stip



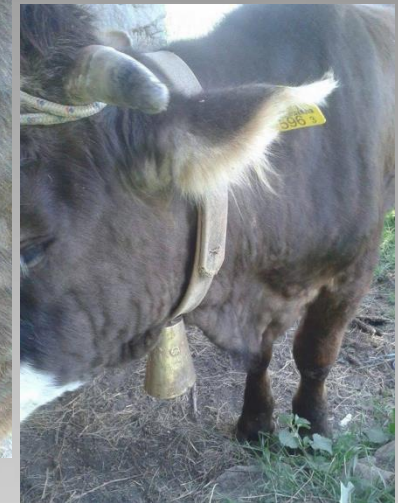
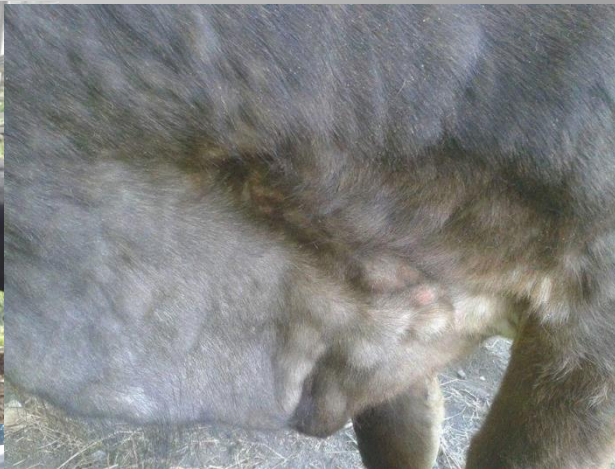
Secondary outbreak-Stip

- Date of suspicion: 26 April 2016 suspicion of LSD reported
- Location: Lakavica, Stip, eastern part
- Clinical signs: 3 animals shows nodules on the body, nasal discharge, salivation, increased body temperature 40.8°C
- Type of holding: Cattle – 74 animals, semi grazing and 19 animals in the contact holding

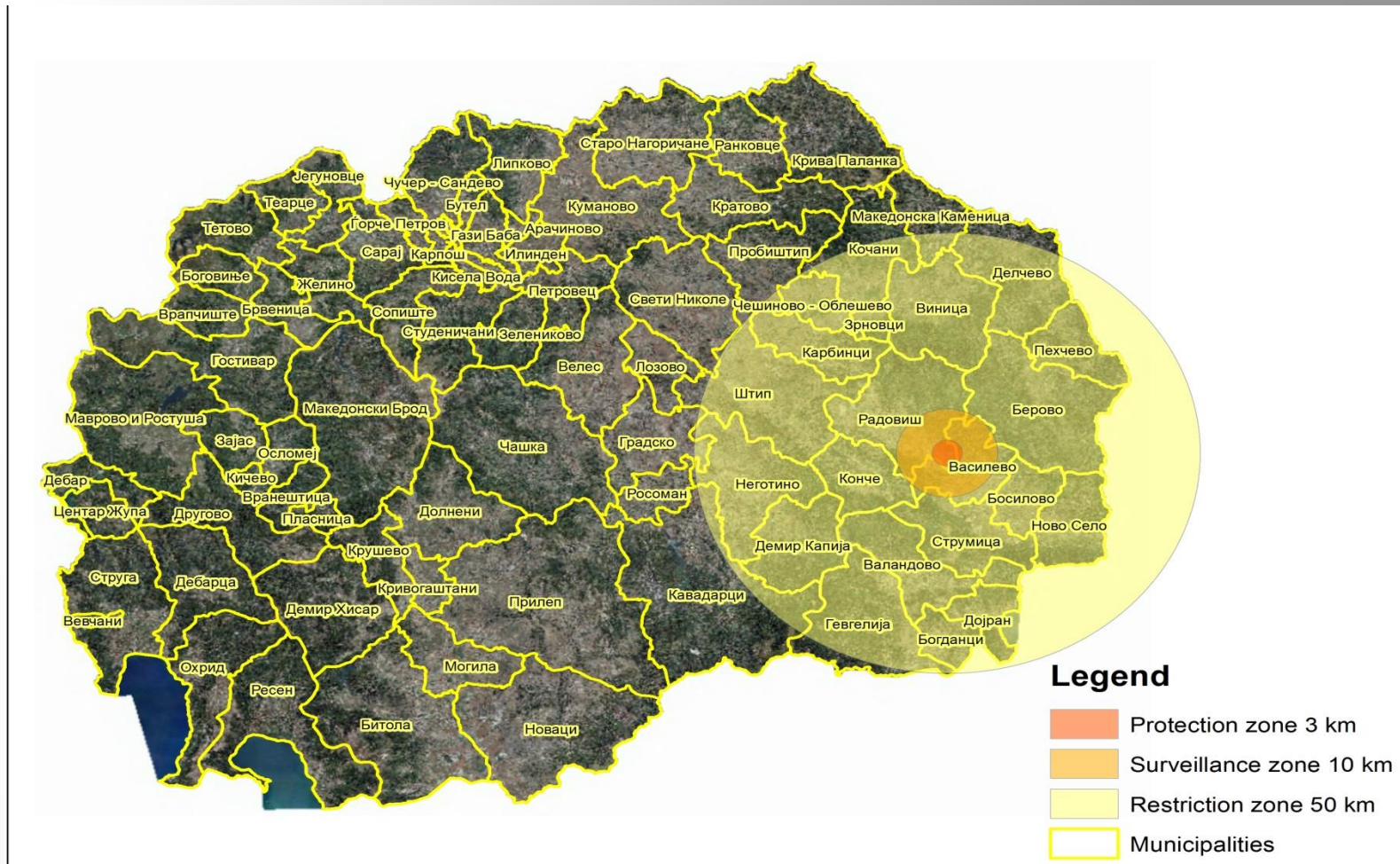
Secondary outbreak-Stip

- Date of confirmation: 27 April 2016 laboratory confirmation of LSD (FVM Skopje)
- Date of depopulation: pending (in process of organization) due to the Easter holidays
- Cleaning and disinfection, insect control (disinsection)
- Zoning:
 - Protection zone - 3 kilometers
 - Surveillance zone - 10 kilometers
 - Additional Restricted zone – 50 kilometers
- All measures in place

Clinical signs



Third outbreak - Radovis



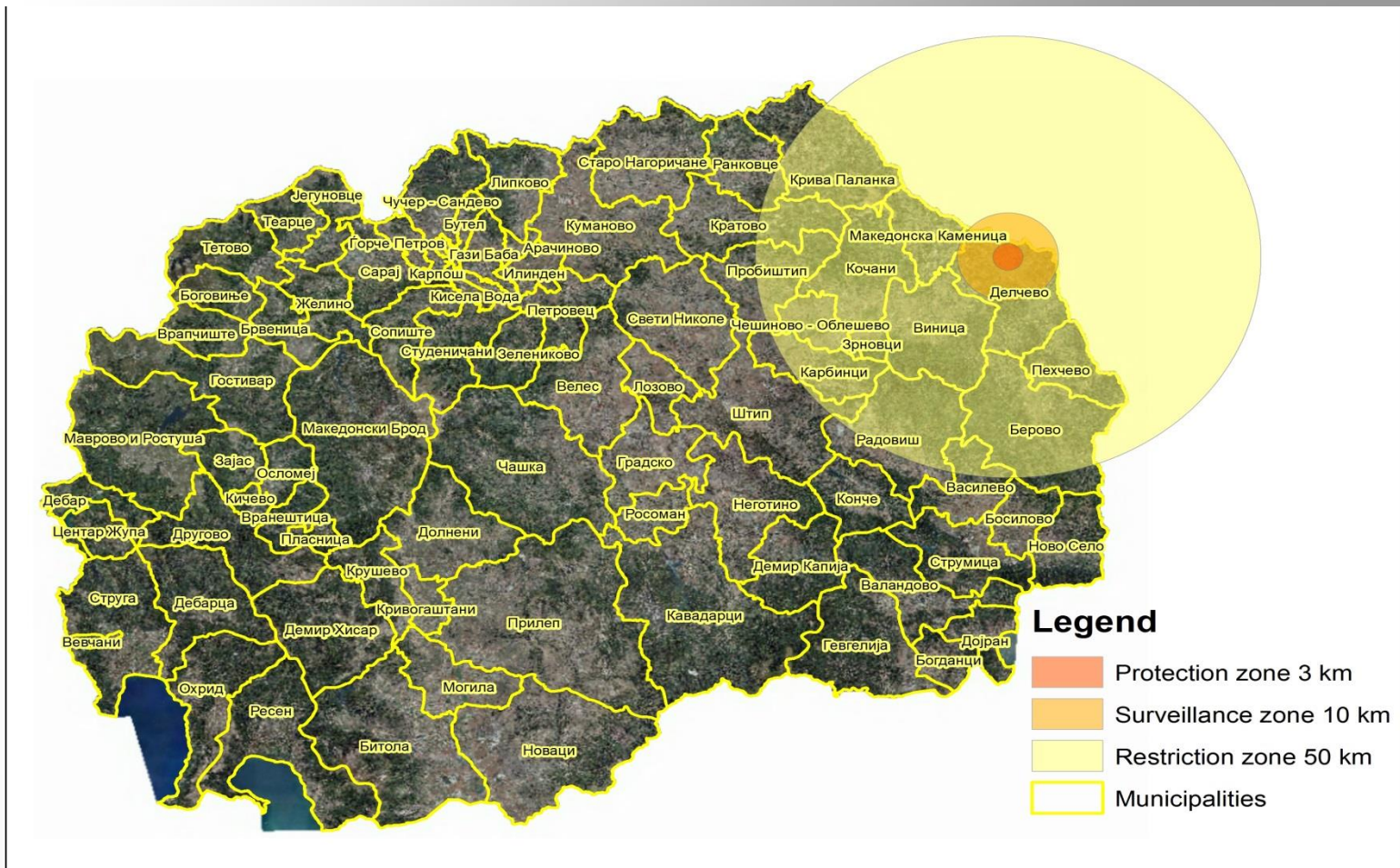
Third outbreak-Radovis

- Date of suspicion: 27 April 2016 suspicion of LSD reported
- Location: Zleovo, Radovis, eastern part of the country
- Clinical signs: 1 animal shows nodules on the body, nasal discharge, conjunctivitis, limping on one leg, increased body temperature 40.8°C
- Type of holding: Cattle – 4 animals, semi grazing

Third outbreak-Radovis

- Date of confirmation: 28 April 2016 laboratory confirmation of LSD (FVM Skopje)
- Date of depopulation: pending (in process of organization) due to the Easter holidays
- Cleaning and disinfection, insect control (disinsection)
- Zoning:
 - Protection zone - 3 kilometers
 - Surveillance zone - 10 kilometers
 - Additional Restricted zone – 50 kilometers
- All measures in place

Fourth outbreak-Delcevo



Fourth outbreak- Delcevo

- Date of suspicion: 27 April 2016 suspicion of LSD reported
- Location: Vetren, Delcevo, northeastern part of the country
- Clinical signs: 1 animal shows nodules on the body, nasal discharge, conjunctivitis, limping on one leg, increased body temperature 40.8°C
- Type of holding: Cattle – 17 animals, semi grazing

Fourth outbreak-Delcevo

- Date of confirmation: 28 April 2016 laboratory confirmation of LSD (FVM Skopje)
- Date of depopulation: pending (in process of organization) due to the Easter holidays
- Cleaning and disinfection, insect control (disinsection)
- Zoning:
 - Protection zone - 3 kilometers
 - Surveillance zone - 10 kilometers
 - Additional Restricted zone – 50 kilometers
- All measures in place

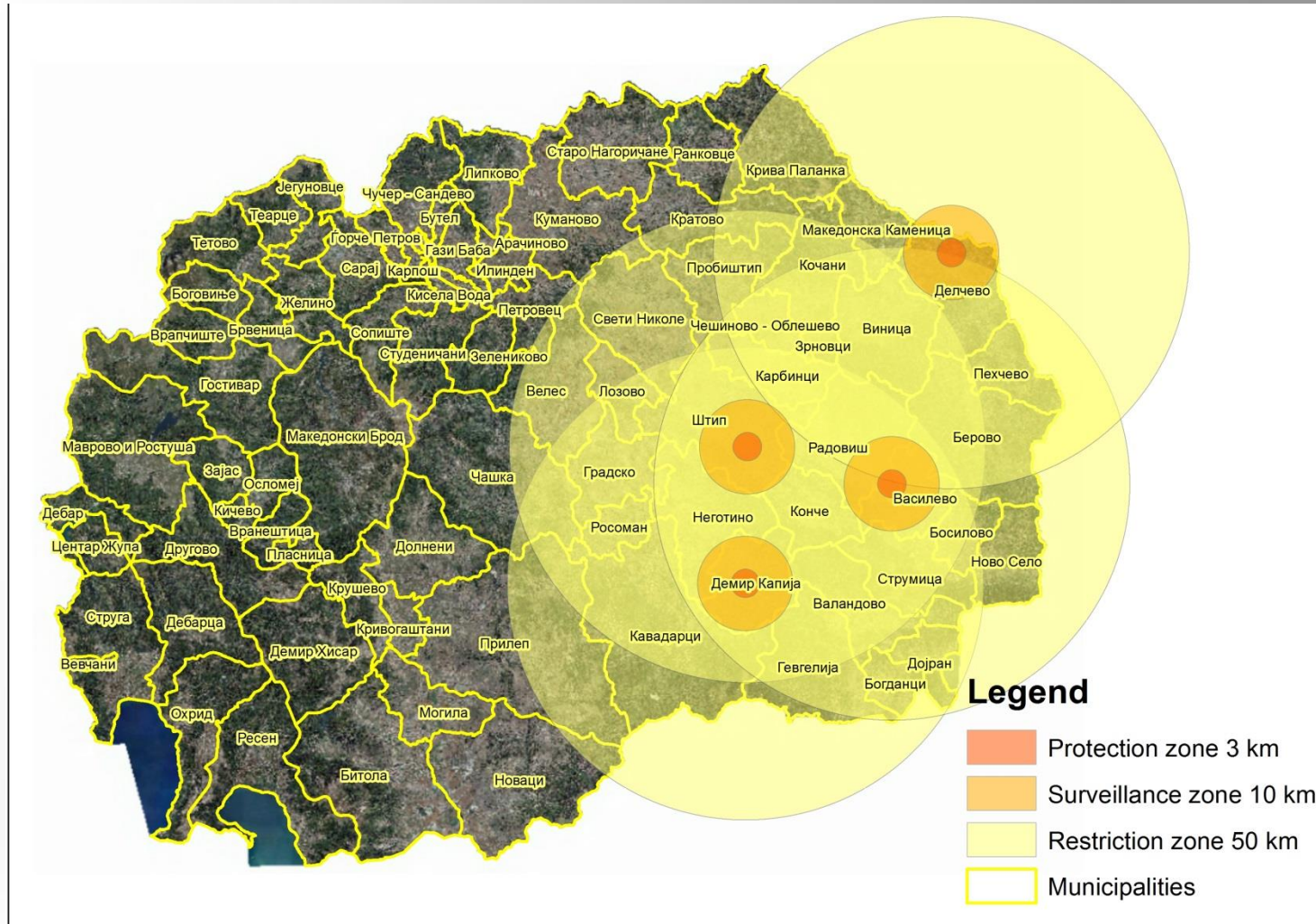
Outbreaks summary

Affected holdings	Affected animals	Animals showing clinical signs	Culled and safely disposed animals
4	119	6	5

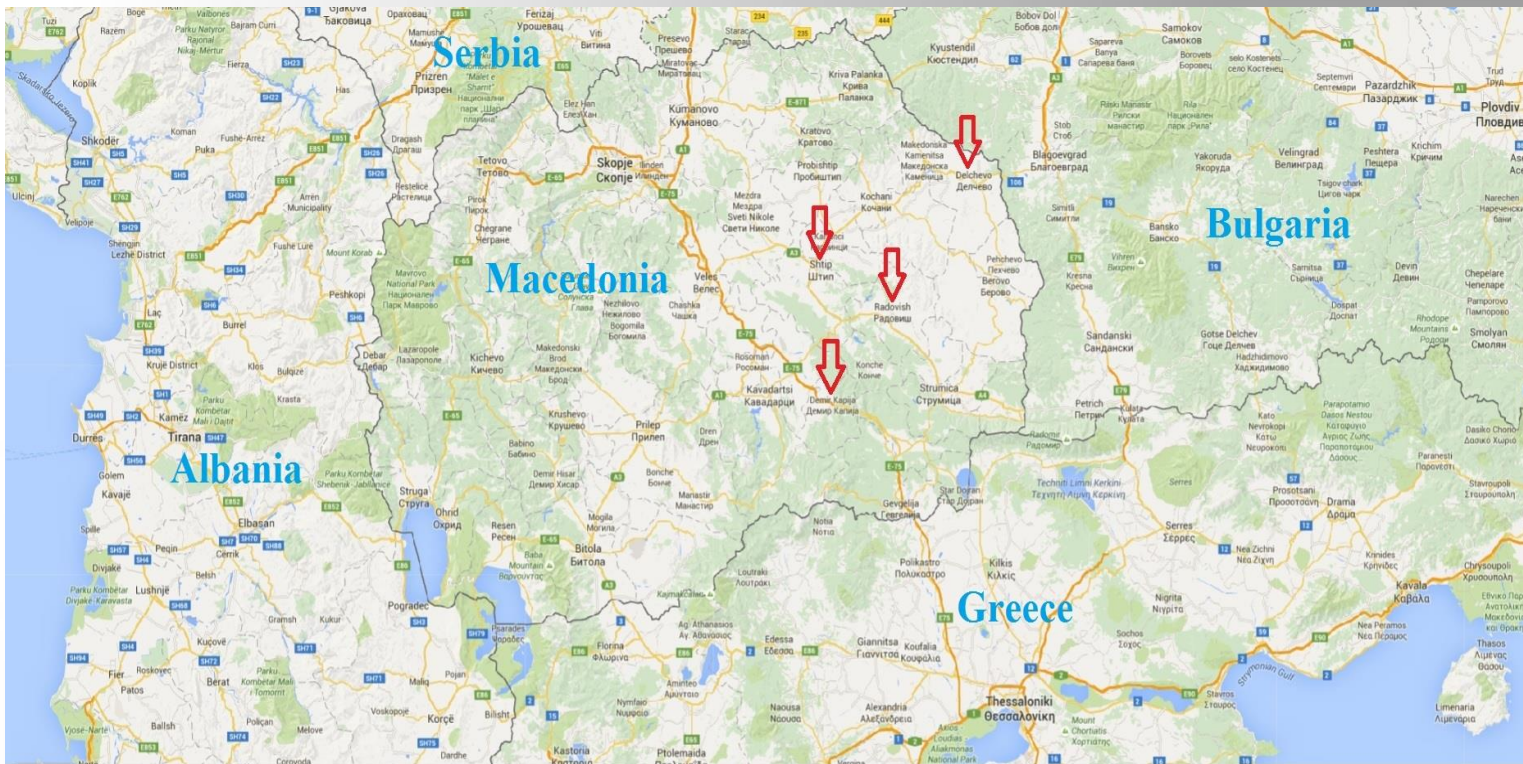
All affected animals in Demir Kapija's holding are culled and safely disposed (5)

Culling and safe disposal of the animals in other affected holdings is under planning procedure.

All outbreaks



Geographical distribution of outbreaks in Macedonia



FVA respond

- Activation of the National Center for Disease Control
- Activation of local official veterinarians (establishment of local centers for disease control under process)
- Activation of Expert groups
- Information sent to the Government of R. Macedonia on regular basis
- Information of all involved parties-instructions and guidelines for the disease

FVA response

- Information to the public
- Leaflet and Poster for raising public awareness published and distributed—how to recognize the disease, the importance of immediate notification and prevention
- Press conference held
- Guidelines for implementing of enhanced biosecurity measures distributed to all animal keepers
- All materials available on line

Promotional materials-poster

! Доколку забележите вакви знаци кај вашиите животињи
ВЕДНАШ известете го вашиот ветеринар
или Агенцијата за храна и ветеринарство!

БОЛЕСТ НА ЧВОРЕСТА КОЖА (LUMPY SKIN DISEASE)

Болезт на чвореста кожа Lumpy skin disease е заразно вирусно заболување кај говедата кое се карактеризира со висока температура (до 41°C) појава на чворести промени на кожата, пад на млечноста и исцедок од носот и абортуси.

Вирусот на Болест на чвореста кожа се пренесува:

- ✓ Директно од животно на животно,
- ✓ Индиректно преку заразена храна, вода, измет и заразени материјали и преку инсекти (комарци и шталски муви).

Болезта не е зооноза и НЕ ПОСТОИ РИЗИК ПО ЗДРАВЈЕТО НА ЛУЃЕТО!!!



 АГЕНЦИЈА
ЗА ХРАНА И
ВЕТЕРИНАРСТВО

02/2 457 873 **info** www.fva.gov.mk

FVA response

- Notification to the OIE (WAHIS) - on 22 April 2016
- Notification to the European Commission and all neighboring countries – Serbia, Bulgaria, Greece, Albania, Kosovo, Bosnia and Hercegovina, Montenegro

Epidemiological situation in the Balkan Region in 22/23 April 2016



Questions to be discussed

- Mass vaccination + stamping out of all animals on the affected holdings
- Mass vaccination + modified stamping out
 - Option 1: Killing and safe disposal of animals showing clinical signs and isolation (quarantine) of other healthy animals on the affected holding or
 - Option 2: Killing and safe disposal of animals showing clinical signs and sanitary slaughter of other animals and use of meet after suitable treatment

Questions to be discussed

- Mass vaccination–restrictions/derogations for export in the member states of the European Union and third countries



Food and Veterinary Agency

Thank you !