



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



Standing Group of Experts on Lumpy Skin Disease
in Europe

under the GF-TADs umbrella

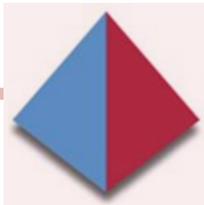
Third meeting (SGE LSD3)

Istanbul, Turkey, 12-13 December 2016

Republic of Macedonia

Dimitar TERZIEVSKI

Sanja ILIEVA



Standing Group of Experts on LSD in Europe under the GF-TADs umbrella

Primary outbreak on LSD - Demir Kapija

- Date of suspicion: 18 April 2016 suspicion of LSD reported
- Restrictive measures in accordance with the Law on Veterinary Health - equivalent to the Council Directive 92/119/EC, Decision 2016/645 and Decision 2015/1500
- Notification in accordance with the BoR for control and eradication of compulsory notifiable diseases equivalent to the Council Directive 82/894/EC



Primary outbreak LSD - Demir Kapija

- Date of confirmation: 21 April 2016 laboratory confirmation of LSD (Bulgaria)
- Date of depopulation: 22 April 2016 (5 animal destroyed)
- Cleaning and disinfection, insect control (disinsection)
- Introduction of zoning:
 - Protection zone - 3 kilometers
 - Surveillance zone - 10 kilometers
 - Vector risk zone – 50 kilometers

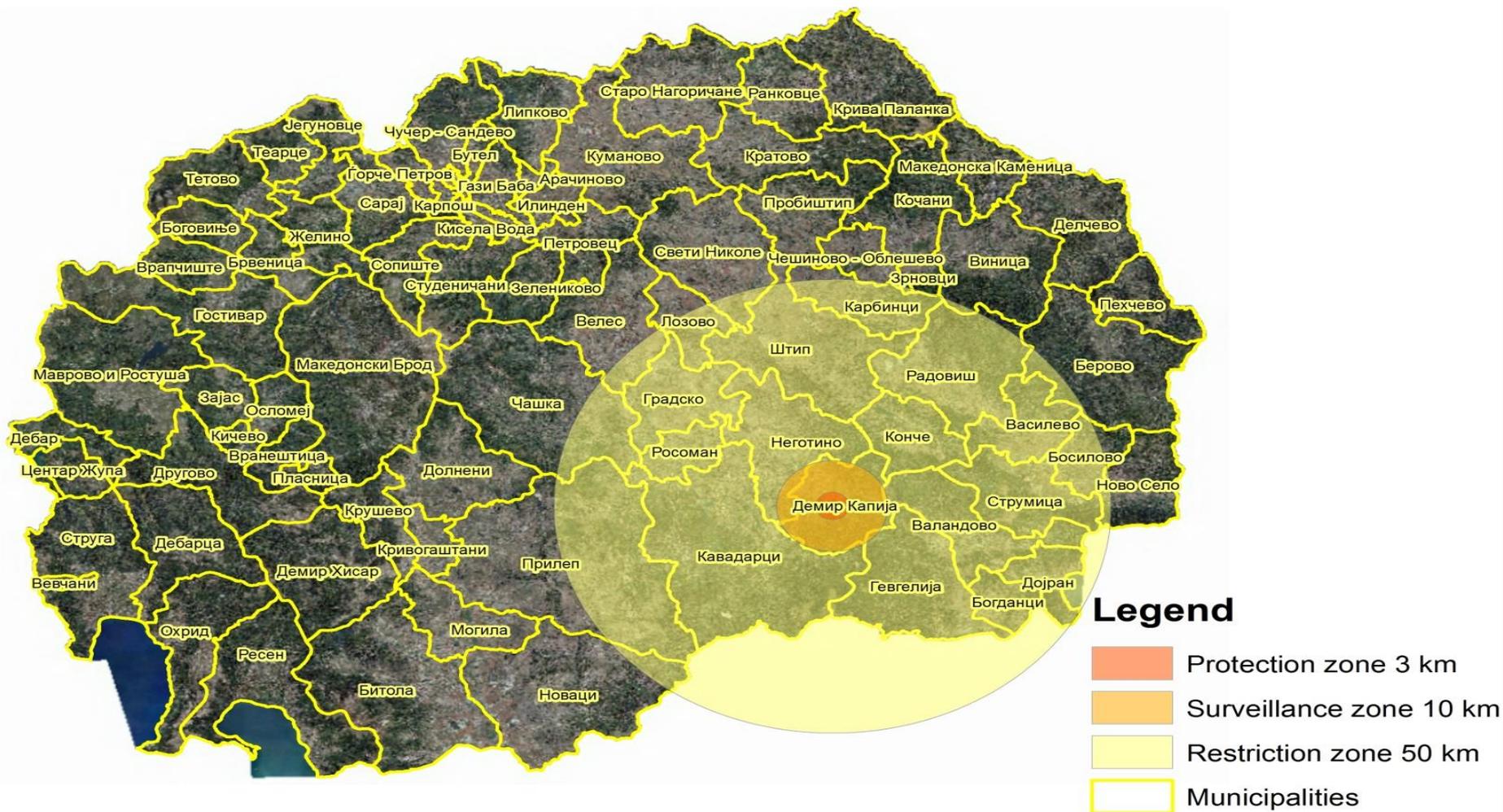


Response of Food and Veterinary Agency

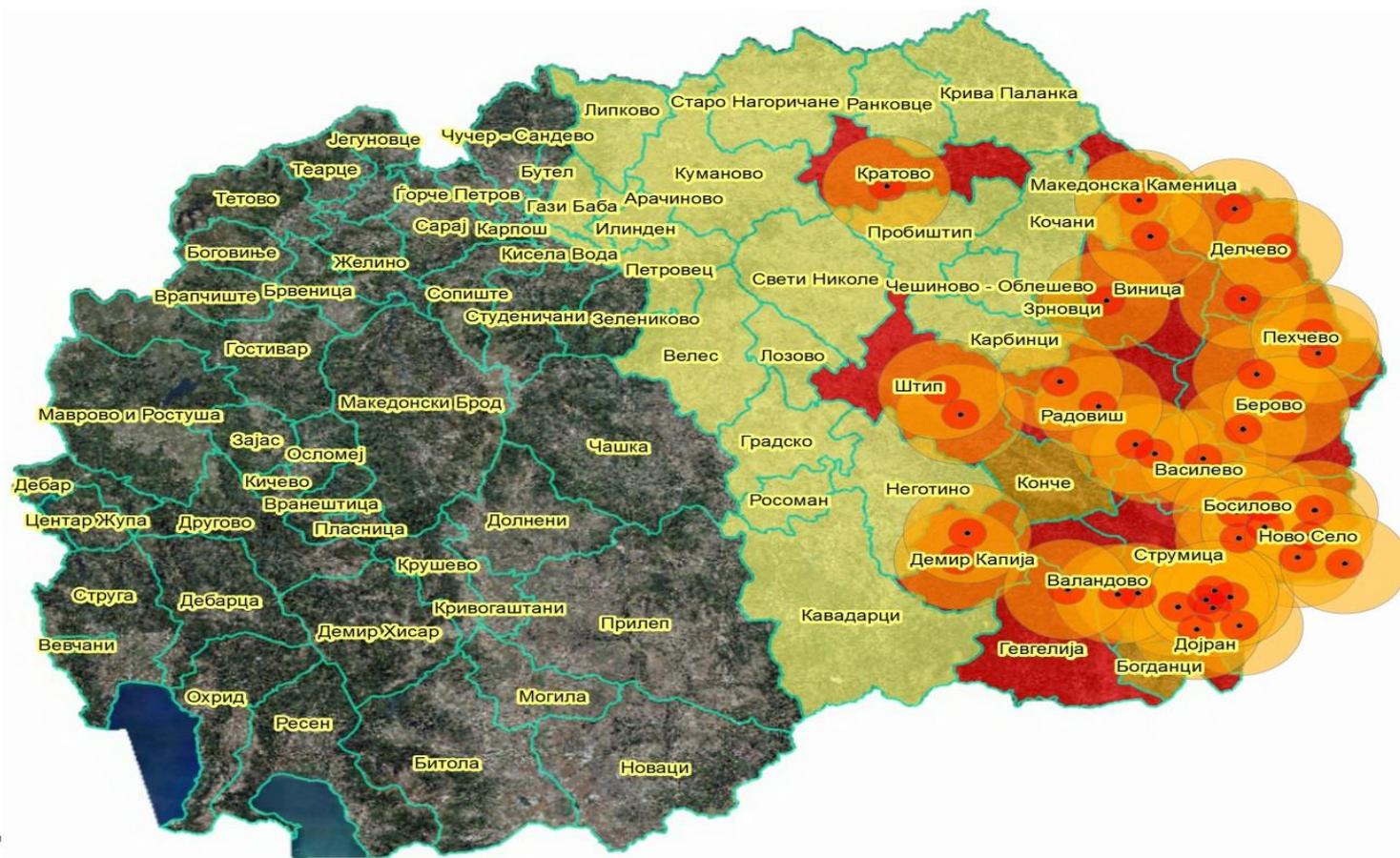
- Immediately notification of LSD to the OIE (WAHIS) - on 22 April 2016 and ADNS (EU)
- Notification to the European Commission and all neighboring countries – Serbia, Bulgaria, Greece, Albania, Kosovo, Bosnia and Herzegovina, Montenegro



Primary outbreak /21 April 2016/



LSD situation on 23 May 2016

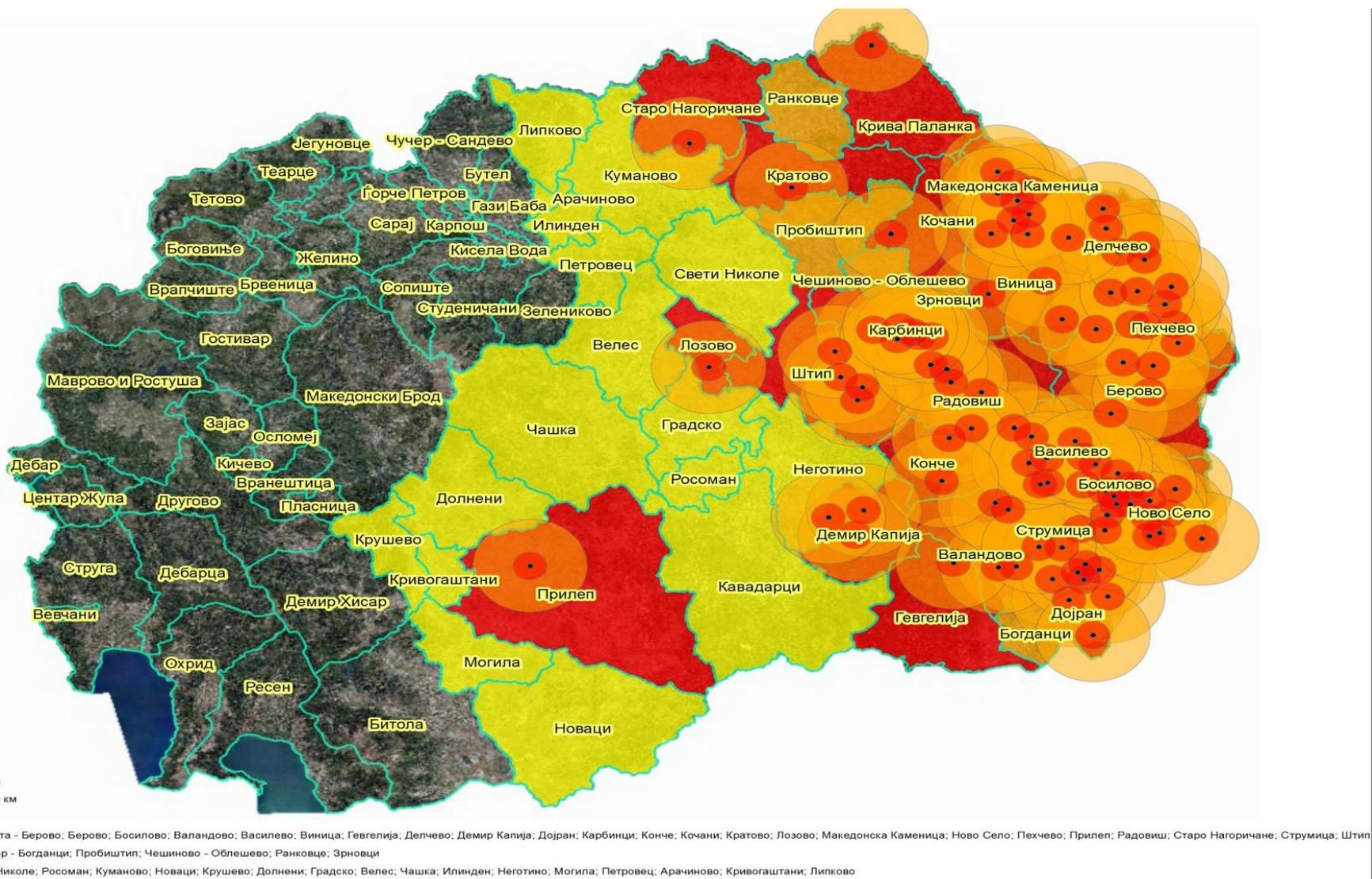


Легенда

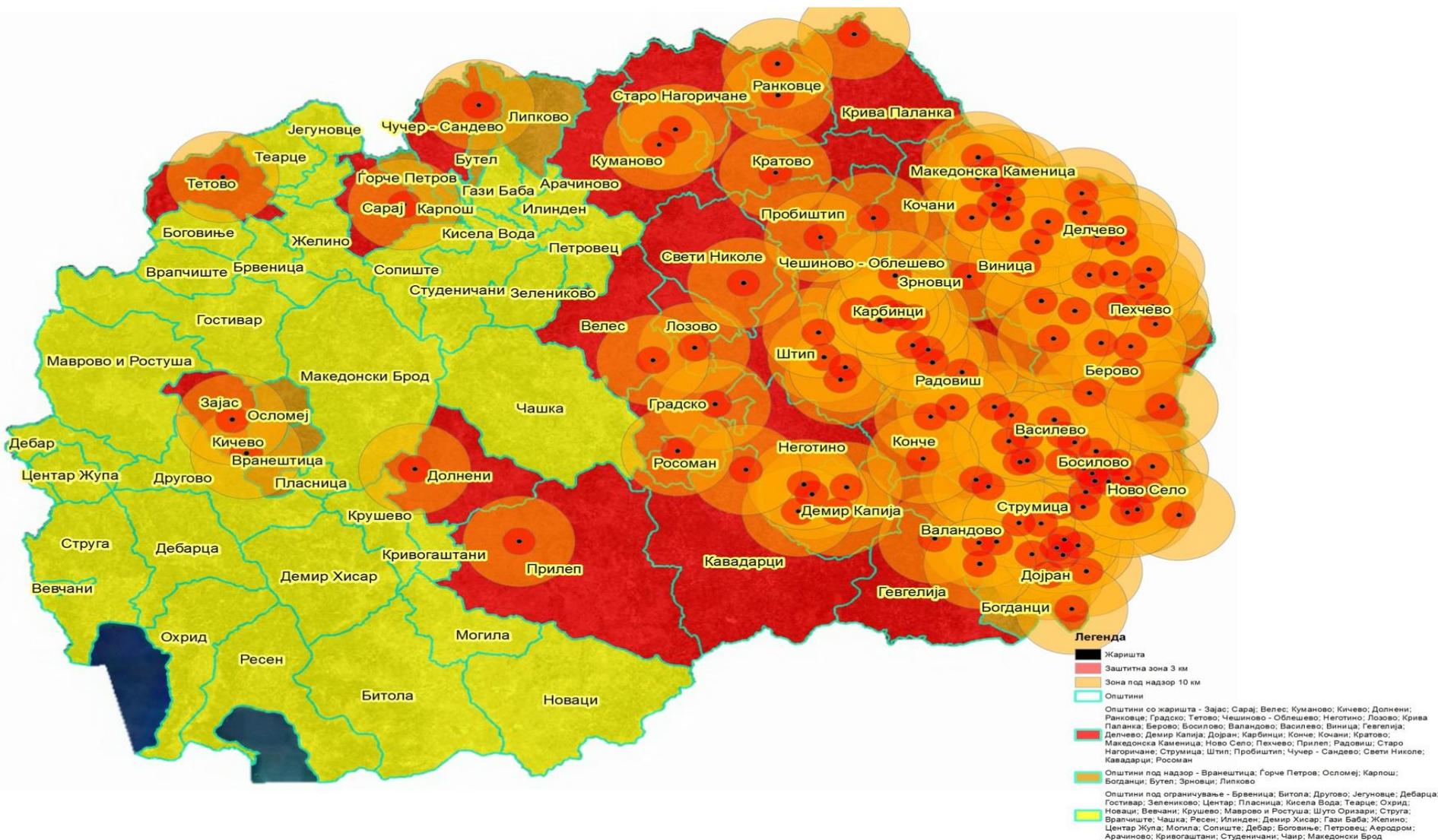
- Жаришта
- Заштитна зона 3 км
- Зона под надзор 10 км
- Општини
- Штип; Василево; Струмица; Босилово; Валандово; Пехчево; Делчево; Македонска Каменица; Радовиш; Дојран; Гевгелија; Кратово; Ново Село; Винаца; Демир Капија; Берово
- Зона по надзор - Богданци; Зрноци; Конче
- Зона под ограничување - Аеродром; Арачиново; Велес; Градско; Кавадарци; Карбинци; Кочани; Крива Паланка; Лозово; Неготино; Пробиштип; Росоман; Свети Николе; Чешиново - Облешево; Гази Баба; Илинден; Куманово; Липково; Петровец; Ранковце; Старо Нагоричане



LSD situation on 14 June 2016

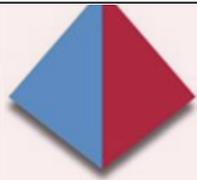
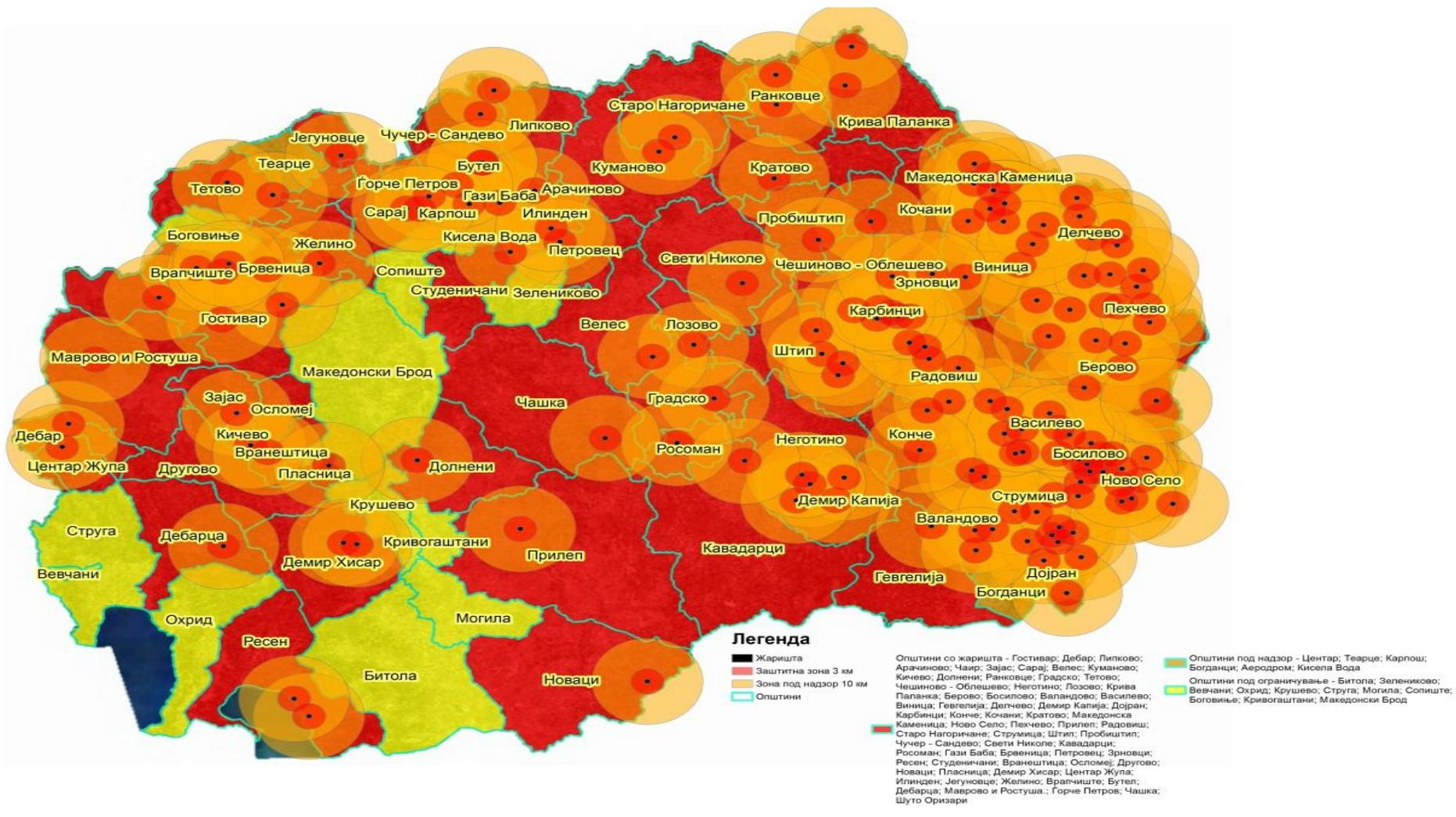


LSD situation on 30 June 2016



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LSD situation on 31 October 2016



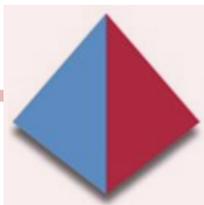
Clinical signs of infected animals



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Outbreaks summary until 31.10.2016

| Affected holdings | Positive animals | Dead animals | Culled and safely disposed animals |
|-------------------|------------------|--------------|------------------------------------|
| 1591 | 3357 | 360 | 3454 |



Vaccination – phase 1

- 24.05.2016 – beginning of the initial vaccination with the LSD vaccine of the animals in the restricted zones
 - 50 000 vaccines were donated from EU - live attenuated virus vaccine against LSD (Neethling strain), ‘Lumpy Skin Disease Vaccine For Cattle’, Onderstepoort Biological Products, South Africa.
 - Vaccination in accordance with the vaccination plan containing all provisions as laid down in Decision 2015/2055
 - Educational meeting with private veterinary practices



Vaccination – phase 2

- 27.06.2016 beginning of the second phase of the vaccination of the animals against LSD in the rest of the country
 - 250.000 vaccines has been purchased, Alternatively: live attenuated virus vaccine against LSD (SIS type), ‘Lumpyvax’, MSD Animal Health, Intervet, South Africa
 - Vaccination in accordance with the vaccination plan containing all provisions as laid down in the Decision 2015/2055
 - Vaccination campaign was completed on 31.07.2016



LSD vaccination report

Vaccination has been shown to be very effective tool for control and prevention of disease

| No. of vaccinated animals | No. of vaccinated herds | % of vaccinated animals |
|---------------------------|-------------------------|-------------------------|
| 212 153 | 24.053 | 96.73% |

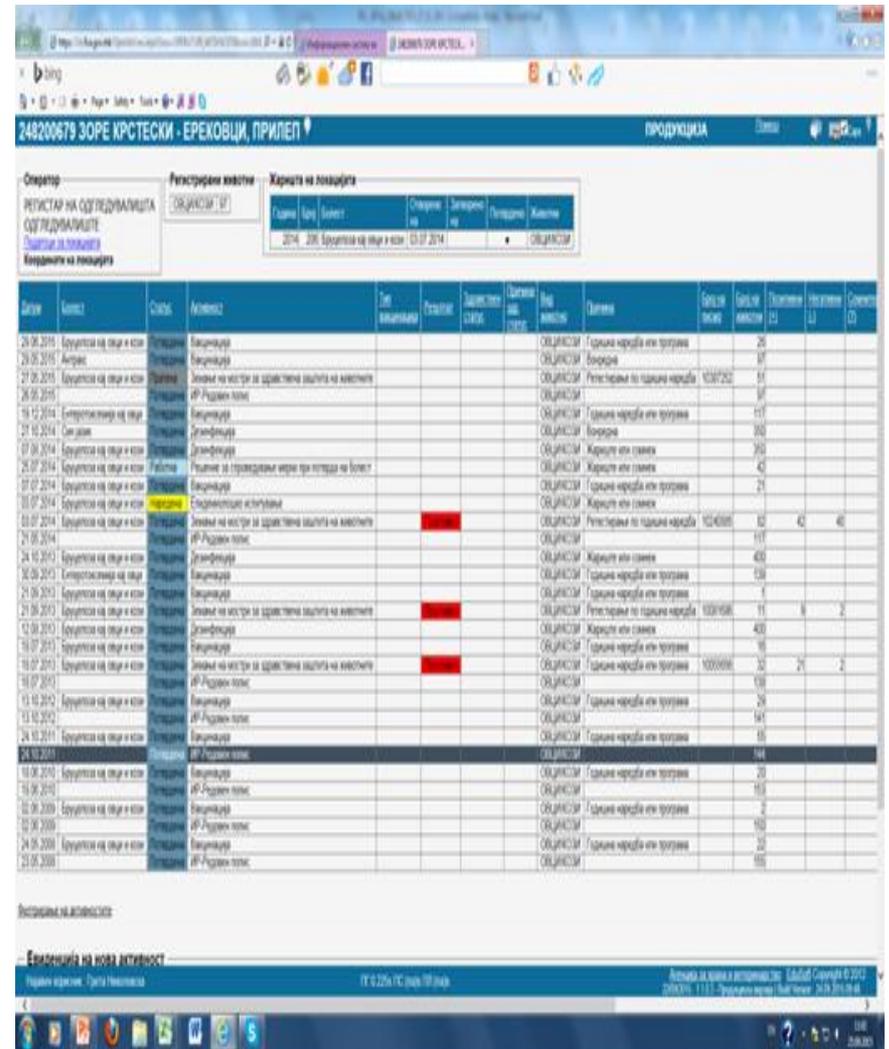


Information system of FVA

- All vaccinated animals are recorded in the Information System of the FVA (ISFVA)
- Veterinary Information System covers animal health, veterinary public health and food of non-animal origin, and keeping records, collect data of sampling for laboratory examination and results of testing.
- Connected with the Laboratory Information System (LABIS).
- Database for identification and registration of animals is also an integral part of this information system.
- Veterinary Information System (ISFVA), a system that is intended as a tool to support the implementation of activities for animal health protection in the daily work:
 - Private veterinary organisations;
 - Official veterinarians and
 - National reference laboratory – FVM SKOPJE



Information system of FVA



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Veterinary Information system Vaccination Data base

Генератор на извештаи

ПРОДУКЦИЈА

Помош

Модел

Вакцинирани и тестирани животни

Прашања

Вакцинации за болест на чвореста кожа - по активност

Избор на колони

Филтрирање

Сортирање

Резултати

Зачувај

Се

| Болест | Вид на животни | РБО | Место | Општина | Датум | Друштво | Вакцинации | Препарати | Говеда |
|-------------------------|----------------|-----------|--------------|----------|------------|--------------------------------|------------|-----------|--------|
| Болест на чвореста кожа | Говеда | 13990044 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 30.06.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 | LUMPVAX | 1 |
| Болест на чвореста кожа | Говеда | 139900202 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 2 | LUMPVAX | 2 |
| Болест на чвореста кожа | Говеда | 139900318 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 28.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 3 | LUMPVAX | 1 |
| Болест на чвореста кожа | Говеда | 139900363 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 05.07.2016 | ПРО ИНФОВЕТ | 3 | LUMPVAX | 3 |
| Болест на чвореста кожа | Говеда | 139900372 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 05.07.2016 | ПРО ИНФОВЕТ | 11 | LUMPVAX | 11 |
| Болест на чвореста кожа | Говеда | 139900479 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 | LUMPVAX | 1 |
| Болест на чвореста кожа | Говеда | 139900497 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 | LUMPVAX | 2 |
| Болест на чвореста кожа | Говеда | 139900503 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 8 | LUMPVAX | 3 |
| Болест на чвореста кожа | Говеда | 139900600 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 | LUMPVAX | 1 |
| Болест на чвореста кожа | Говеда | 139900628 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 7 | LUMPVAX | 7 |
| Болест на чвореста кожа | Говеда | 139900983 | ГОРНО ЛИСИЧЕ | АЕРОДРОМ | 27.07.2016 | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 2 | LUMPVAX | 2 |
| | | | | | | ВЕТЕРИНАРНА | | | |

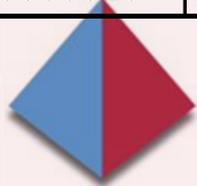


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Veterinary Information system

Vaccination Data base

| РБО | Место | Општина | Друштво | Вакцинации |
|-----------|-----------|----------|--------------------------------|------------|
| 139900044 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 |
| 139900202 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 2 |
| 139900318 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 3 |
| 139900363 | ГОРНО ЛИС | АЕРОДРОМ | ПРО ИНФОВЕТ | 3 |
| 139900372 | ГОРНО ЛИС | АЕРОДРОМ | ПРО ИНФОВЕТ | 11 |
| 139900479 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 |
| 139900497 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 |
| 139900503 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 8 |
| 139900600 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 1 |
| 139900628 | ГОРНО ЛИС | АЕРОДРОМ | ВЕТЕРИНАРНА БОЛНИЦА ДОО СКОПЈЕ | 7 |



Situation with LSD in December 2016

FVA is in stage of adoption of the Commission Implementing Decision (EU) 2016/2008 of 15 November 2016 concerning animal health control measures relating to lumpy skin disease in certain Member States



Specific challenges met since the LSD?

- Reimbursement of the farmers;
- Vaccination of the new born;
- Trade/transit with live animals, products;
- Plans for the future;
- Regional approach;
- Vaccination in the neighboring countries;
- Purchase of vaccines and vaccination campaign for 2017;





Thank you



Animal health and welfare department - in service of animal health
and welfare