



**First OIE regional workshop on the role of Veterinary
Services on
animal welfare in natural disasters for Balkan countries
26-28 November 2018, Teramo, Italy**

**Country Report:
Emergency preparedness of the Veterinary Services
for natural disasters**

Croatia

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Competent authorities



- The National Protection and Rescue Directorate(NPRD) the main competent authority at national level in the Republic of Croatia
- an independent, professional and administrative organisation,
- tasks - preparing plans, managing operational forces, coordination the activities in the protection and rescue system

Competent authorities



- The NPRD consists of:
 - Civil Protection Sector,
 - Fire Fighting Sector,
 - Sector for 112 System,
 - Fire Fighting and Protection and Rescue School
 - 21 County Protection and Rescue Office

Competent authorities

- The main plans, guidelines and instructions for staff dealing with a natural disasters are available on the web page of the NPRD.
- On the web page of the Veterinary directorate are available the crisis plans in case of contagious diseases

Cooperation with private actors and non-governmental organisations

- the veterinary services use assistance of private veterinarians or staff of other services in case of a natural disaster

Cooperation with private actors and non-governmental organisations

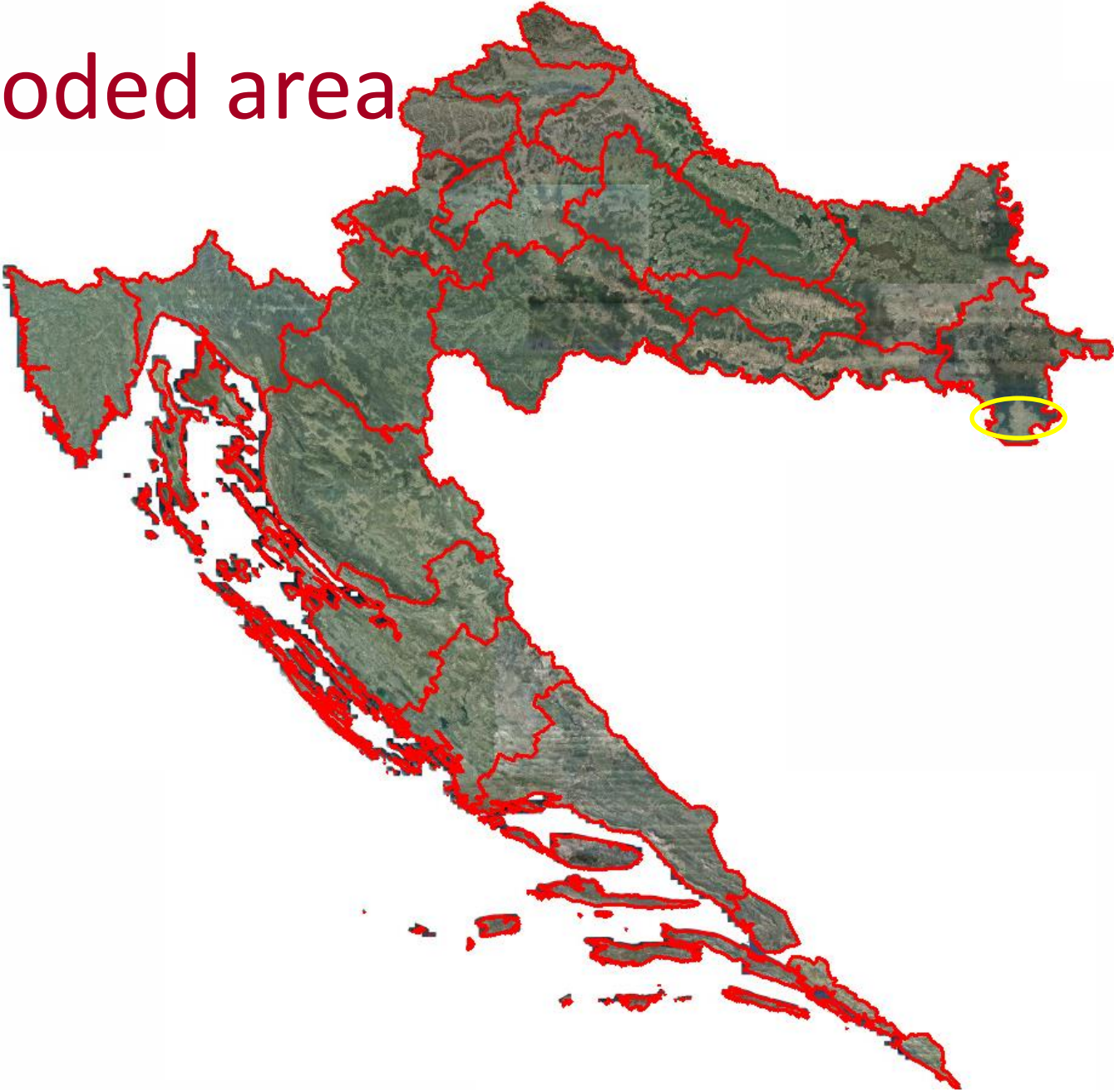
- Are there other bodies/ organisations within the agri-food industry (e.g. animal health and welfare services, farmers' organisations, agri-food advisory services etc.) other non governmental organisations (NGOs) which the veterinary services cooperate with in "peace-time" and/or emergencies, such as natural disasters?

Experience of natural disasters

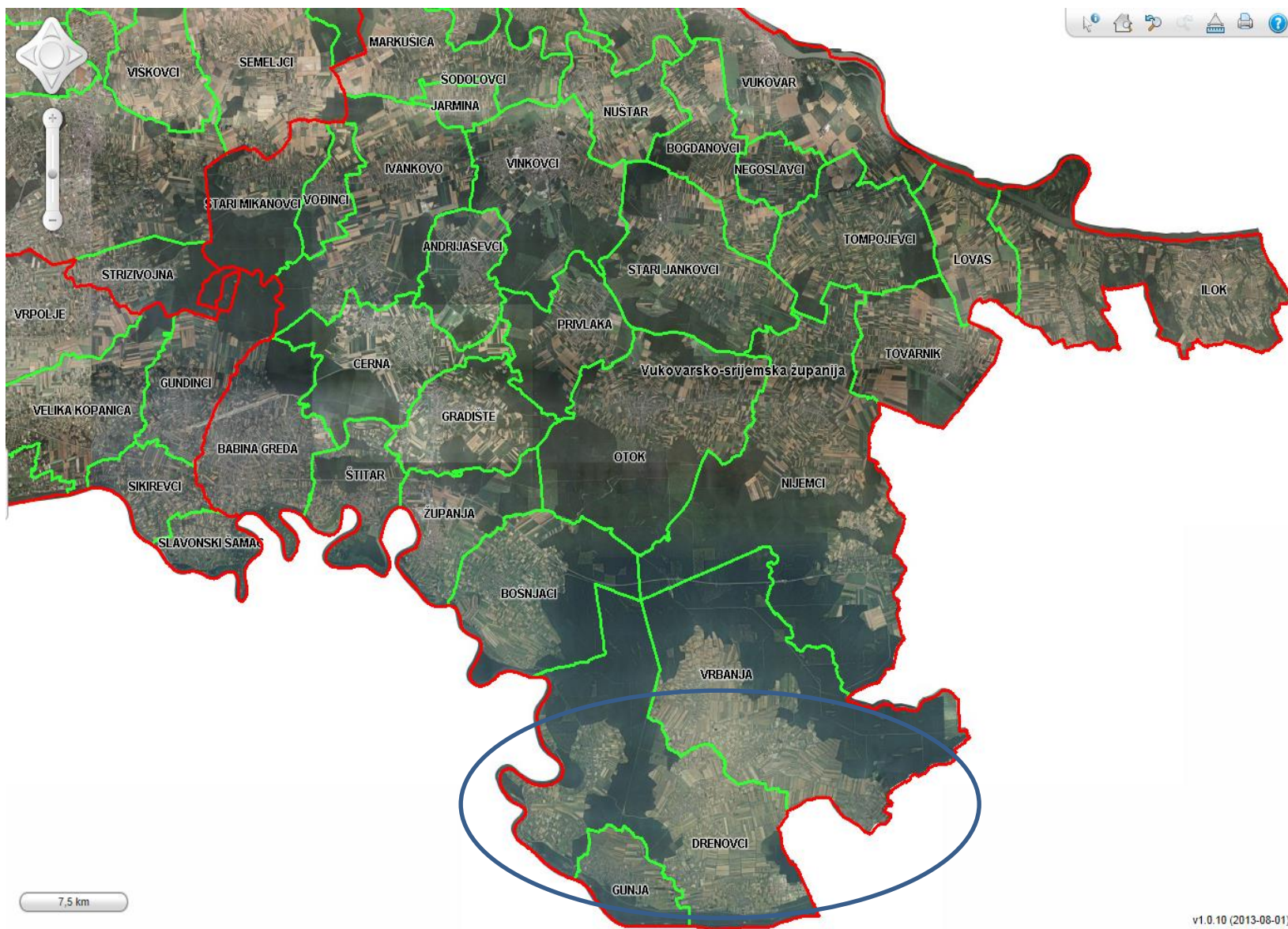
May – June 2014 Floods in Croatia

- Continuous, heavy rainfall, for almost two months, has resulted in extensive flooding in Croatia, Serbia, Bosnia and Herzegovina (BiH)
- The most affected villages was:
 - Gunja,
 - Rajevo Selo,
 - Račinovci,
 - Posavski Podgajci,
 - Drenovci,
 - Strošinci,
 - Đurići
- The economic impact was enormous
- The Government was in discussion with the European Commission in order to secure European Union assistance for the affected region

Flooded area



Flooded area



Floods in figures ^{1/2}

- 3 Municipalities affected
- 6 villages
- 595 holdings
- 3382 cattle
- 40 horses
- 453 sheep
- 6595 pigs (ID)
- >10000 poultry

Floods in figures _{2/2}

- >600 pets housed
- 1600 pets in total
- 330 holdings accepted domestic animals from flooded area
- 10 300 dom. animals replaced to other holdings (without polutry)
- aprox 40 tonnes burried (animal caracases)
- Aprox 140 tonnes send to incineration

Main measures applied

- Collection of ABP
- Deratisation – in surrounding area
- Disinfection – on exit points of flooded villages, border posts
- Disinsection – in surrounding area
- Veterinary checks
 - Clinical examination
 - Treatment
 - Movement control
 - Identification of animals with no ID
 - To coordinate feed supply

ABP disposal

- 3 collection sites
- On each site veterinarian was present in order to collect data on animals and their ID
- Certain number of collected animals with no ID (pigs)



Transport of ABP from Bosnia and Herzegovina

- Request from BiH authorities- assistance in disposal of animals to approved processing plant
- Agreed with EC – channeling procedure, only one BIP, only with vehicles of Croatian processing plant
- Rapid response form EC – positive
- **There was no shipmnets from BIH!**

Deratisation

- First part finished – conducted on area surrounding flooded area
- All farms, public areas, etc..
- After water will retrieve from all flooded areas, deratisation will be conducted accordingly

Disinfection

BIP	Vet. Organisation	No of vets	Total
Bajakovo - Batrovci	VS Vinkovci	3	3
Tovarnik - Šid	VS Vukovar	5	5
Ilok - Bačka Palanka			
Ilok - Neštin			
Principovac - Ljuba			
Principovac - Sot			
Erdut - Bogojevo	VS Osijek	3	3
Batina - Bezdán	VS Beli Manastir	3	3

Stara Gradiška - Bos. Gradiška	VS Novska	3	9
	VS Veterina - Nova Gradiška	2	
	VA Oriovet	1	
	VS Kutina	1	
	VS Požega	2	
Sl. Brod - Bos. Brod	Praxis - Vet	1	10
	VA Trnjani	1	
	VS Veto	1	
	VS Našice	2	
	VS VETAM	3	
	VS Đakovo	2	
Županja - Orašje	VS Županja	8	8
Gunja - Brčko	VA Silva	3	5
	VS Vinkovci	1	
	VS Županja	1	
Jasenovac - Gradina	VS Daruvar	2	6
	VA Karaula	2	
	VS Sisak	2	

Total number of vets (three shifts):

52

- Disinfection of vehicles on border with Bosnia and Herzegovina and Serbia – preventive measure
- In contact with comp. authorities – risk assesment.



Disinsection

Ministry of Health - responsible for disinsection

- from the air and on the ground
- Area is usually disinfected every year due to problems with mosquitos



Training and simulation exercises

- The Fire Fighting and Protection and Rescue School plans, prepares, conducts and monitors the schooling, training and advanced training of professionals; organised protection and rescue forces (command HQ's, unit commanders, shelter managers and civil protection commissioners). The School also conducts courses for civil servants and employees in the local administration as well as employees of legal persons in the field of protection and rescue.

Exercises, training and lessons learned

- No "After-Action Review" of the decisions and actions taken during the natural disaster to identify weaknesses and strengths in the system.



Thank you for your attention!