



Montenegro

Regional African Swine Fever (ASF) Wild Boar Management Workshop

(GCP/RER/060/CHC)

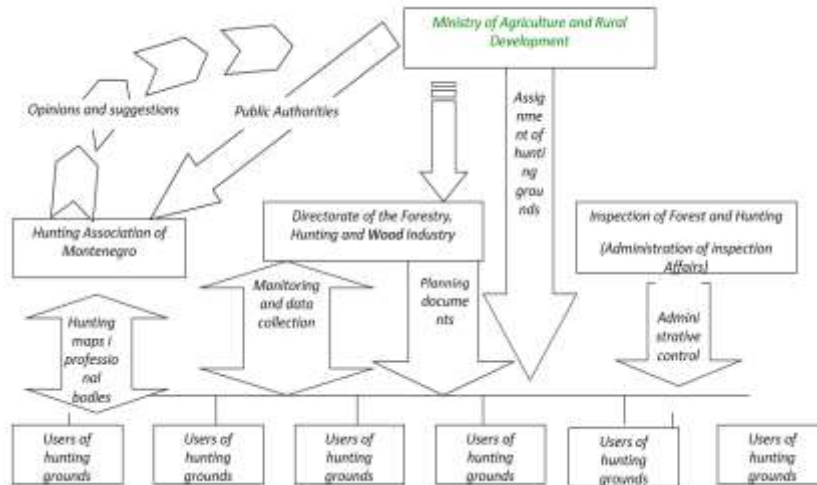
Belgrade, Serbia

21-23 May 2019

Game management and hunting overview

- Organigram of the responsibilities for game management and hunting
- Number of hunting grounds in total (map if available)
- Size of the hunting grounds (min – average – max)
 - Game and Hunting Law of Montenegro (OGM 52/08 and 48/15) defines that the hunting ground can not be less than 3000 ha (at least the hunting ground is the "Tivat" of 4.589 ha)
 - The average area of the hunting ground in Montenegro is 35,722 ha
 - The largest hunting ground is the "Nikšić", with 137,857 ha
- Do you have fenced hunting grounds? How common? **No**
- Hunting seasons: in general and for wild boar
 - For all mammals, the hunting season starts on 1st October, wild boar hunting ends on 31st January, and for others depending on the type of game
- Most common method/s of hunting (individual, group, driven, other) **Group method**
- Based on what factors is wild boar management planned
 - Hunting Development Programme for the period 2014 to 2024 as well as on the basis of Planning documents for each hunting ground individually
- Do you have wild boar farms?
 - **No**. There are fenced areas of the surface at the least 1.5 ha, which are used for training hunting dogs, there is 5 in Montenegro.
- Do you move live wild boar for hunting purposes? How is it regulated? **No**

Organigram of the responsibilities for game management and hunting



Number of hunting grounds in total

- **Mediterranean hunting zone – 8 hunting grounds (1341 wild boars)**
- **Submediterranean h. z. – 5 hunting grounds (511 wild boars)**
- **Central h. z. – 7 hunting grounds (1200 wild boars)**
- **East h. z. – 7 hunting grounds (820 wild boars)**
- **North h. z. – 4 hunting grounds (858 wild boars)**
- **(1,2,3,4) special designation hunting grounds (255 wild boars)**



Changes in wild boar management due to ASF

- Is there a ban on supplementary feeding / baiting currently? **No**
- Is there a ban on movement of live wild boar? **No**
- Is there increased hunting pressure? How and where? **No**
- Any fencing done or planned? **No**
- How are you increasing ASF awareness of hunters and others?

Leaflet, e-mails, TVs, websites of AFSVPA, TAIEX.

Workshops organized by the AFSVPA and WS organized by the Hunting Association

Wild boar population data

Wild boar population data – hunted					
Calendar OR	2014	2015	2016	2017	2018
Hunting year	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Estimated wild boar population	4.839	4.549	4.771	4.783	5.028
Number of shot wild boar	647	638	710	830	
Number of wild boar found dead because of traffic accident	0	0	0	0	0
Number of wild boar found dead not because of traffic accidents	0	0	0	0	0

- What is the method of population estimation?
Observation and monitoring of wild boar populations
- Who provides the data?
Users of hunting grounds

Wild boar population data - hunted

Number of hunted wild boar by sex		
Calendar OR Hunting year	Male	Female
2016 OR 2016/2017		
2017 OR 2017/2018		
2018 OR 2018/2019		

Number of hunted wild boar by age (define your age groups)			
Calendar OR Hunting year	Age group	Age group	Age group
2016 OR 2016/2017			
2017 OR 2017/2018			
2018 OR 2018/2019			

ASF surveillance in wild boar

- When did you start passive surveillance (dead wild boar)? **2014**
- When did you start active surveillance (hunted wild boar)?
Active surveillance for hunted wild boar started 2014.
- Do you have disease monitoring program/s in wild boar other than ASF?
Describe disease/s, starting date, active/passive, samples taken, etc.

We are carry out disease monitoring program in wild boar for CSF which starts since 2012 / active and passive survallence. Hunters deliver samples to the Veterinary Ambulances or DVL of wild boar for the purpose of determining the presence of the CSF virus. As compensation, get a free examination of wild boar meat on *Trichinella spiralis spp.*

Passive surveillance for ASF in dead wild boar

Calendar or Hunting year	Number of wild boar found dead because of traffic accidents	Number of wild boar found dead not because of traffic accidents	Total number of wild boar found dead tested for ASF
2017 or 2017/2018	0	0	0
2018 or 2018/2019	0	0	0
2019 ongoing	-	-	-

- How are dead wild boar reported (phone, letter, e-mail, mobile app, other)? **Prescribed by law - Phone, mobile, mail, fax**
- Who takes samples from dead wild boar (hunter, veterinary, other)? **Hunter**
- Where are dead wild boar sampled (forest/on-site, laboratory, other)? **Forest/on-site**
- Which samples are taken from the dead wild boar? **Internal organs (spleen and tonsils)**
- Method of disposal after sampling (none, bury, burn, render, other)? **None**
- Which laboratory method is used to test the samples (ELISA, PCR, both, other)?
- **All samples are examined for the presence of specific antibodies against ASF (ELISA) and in the case of positive results, molecular diagnostics for the presence of a disease causing agent (PCR) is carried out.**

Active surveillance for ASF in wild boar

Calendar or Hunting year	Number of wild boar shot	Number of shot wild boar tested for ASF
2017 or 2017/2018	830	257
2018 or 2018/2019	-	303
2019 ongoing	-	114

- How is active surveillance for wild boar coordinated?
- **Hunters submit samples of body fluids and internal organs (tonsils and spleens) of wild boars to the VA, which these samples transmitted to the Diagnostic Veterinary Laboratory or direct to DVL**
- Who takes samples from shot wild boar (hunter, veterinary, other)? **Hunters**
- Where are shot wild boar sampled (forest/on-site, dressing area, other)? **Forest/on-site**
- Which samples are taken from the shot wild boar? **Body fluid, internal organs (tonsils and spleens)**
- What disease/s you test for? **ASF, CSF, *Trichinella spiralis* spp.**
- Method of disposal of offal after sampling (none, bury, burn, render, other)? **None**
- Which laboratory method is used to test the samples (ELISA, PCR, both, other)?
- **All samples are examined for the presence of specific antibodies against ASF (ELISA) and in the case of positive results, molecular diagnostics for the presence of a disease causing agent (PCR) is carried out.**

Thank you for your attention!