Classical swine fever
Current status in Croatia
Results of the 2016 EU funded CSF surveillance programme

Standing Committee on Plants, Animals, Food and Feed
Section Animal Health and Welfare

Nov 30 – Dec 1, 2017
CSF historical data

- Vaccination ceased from January 1, 2005
- Positive cases from 2006 – 2008
- Last case domestic pig March 2008 – Medjimurska county
- Last case wild boar - Nov 2008, Sisak-moslavina county
Serological testing Ab ELISA domestic pigs 2008-2016

Including 60 AgElisa tests
Virological testing domestic pigs 2008-2016
Wild boar serological testing 2008-2016

- **Ab ELISA negative**
- **Ab ELISA positive**

Year | Ab ELISA negative | Ab ELISA positive
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2008 | 121 | 0
2009 | 64 | 0
2010 | 76 | 0
2011 | 22 | 0
2012 | 14 | 0
2013 | 5 | 0
2014 | 1 | 0
2015 | 4 | 0
2016 | 0 | 0

Numbers for 2008-2016:
- 6146
- 4986
- 12629
- 12862
- 8937
- 8497
- 11165
- 9789
Virological testing wild boar 2008-2016
CSF surveillance domestic pigs

• Targeted and risk based surveillance
• Domestic pig – holdings included depending on risk
• Passive surveillance
  – obligatory notification of every sick or dead pig
• Testing of dead pigs for the purpose of ruling out CSF:
  – In case of dead piggs
  – Pigs which exhibit clinical symptoms - differential diagnostic
  – Pigs not responding to 5-day antibiotic therapy
• Clinical examination in risk counties (regionalisation)
• Obligatory biosecurity measures on all pig farms
CSF surveillance wild boar

- 25000 hunting bag - population size 53000 wild boar
- 65 sampling areas
- Zone 1 - 5 counties (Karlovac, Sisak-Moslavina, Slavonski Brod-Posavina, Vukovar-Srijem and Osijek-Baranja) – blood and tonsils samples /138 samples 2% prevalence/
- Zone 2- 16 counties (rest of the country) – blood samples /59 samples 5% prevalence/
- Passive surveillance - notification on every wild boar found dead to the authorised veterinary organisation, compensation foreseen
CSF regionalisation

• Regionalisation measures according to Impl. Dec. 2013/764/EU and 2016/1898
• Risk counties: Karlovac, Sisak-moslavina, Vukovarsko-srijemska and Brodsko-posavska
• Additional conditions at pig farms – approval of biosecurity plan on a farm; obligatory CSF surveillance – clinical examination and serological testing
• 782 holdings clinically examined in 2016
2017 CSF surveillance

DOMESTIC PIGS TESTING
- 13616 AbELISA
- 46 AgELISA
- 145 Q-RT-PCR

WILD BOAR TESTING
- 6713 AbELISA
- 4671 Q-RT-PCR

All tests revealed negative results
Financial data

• Final report on CSF surveillance programme: 247 809, 98 €

• In-depth desk control is on going and payment is pending until the control is finished with positive outcome
Thank you very much!