



The Czech Republic's Experience with African Swine Fever

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WHAT?	<ul style="list-style-type: none"> African Swine Fever (ASF; Pestis Africana Suum) virus. First time reported in 1907 in Kenya. ASF is endemic to sub-Saharan Africa wild pigs, bush pigs, and warthogs. The virus causes a lethal haemorrhagic disease in domestic and wild European pigs. Death in more than 90 % cases within three weeks after infection.
WHERE AND WHEN?	<ul style="list-style-type: none"> First Occurrence in the Czech Republic: Wild pig carcass, 26th June 2017, in Zlín (regional capital) suburbs. First period of countermeasures: from 26th June 2017 to 8th February 2018. Second period of countermeasures: 20th February to 31st July 2018.
RELEVANT MEASURES	<ul style="list-style-type: none"> Several "lines of defence". Electric and odor/scent fence covering 57 km². Prohibition of entry for the public and dogs. The route of the Barum Rally car race was changed. Removal of found wild pig carcasses. The area was later slightly reduced. Strict isolation of animals. No entry for the unauthorised personnel. An awareness campaign for the public, processors and traders. Increased hygienic care towards personnel (clothing, cars, tools). Prohibition to feed pigs with the garbage.
LEGAL FRAMEWORK	<ul style="list-style-type: none"> On 31st July 2017, the regional administrator declared the state of emergency on the basis of the Act No. 239/2000 Coll., On the Integrated Rescue System (for the territory of municipalities Březová, Fryšták, Hrobice, Hvozdná, Lípa, Lukov, Ostrata, Slušovice, Veselá, Zlín and Želechovice na Dřevnici).
HUNTING	<ul style="list-style-type: none"> Intensive shooting of wild boars in the whole Zlín region and in part of three other neighbouring regions. More than 6,800 wild boars were killed in the zone of intensive hunting in the Zlín region with an area of 8,500 km², most of them in Kroměříž and Uherské Hradiště districts. More than 1,000 wild boars were killed in the lower risk area, the so-called green zone.
ROLE OF THE POLICE OF THE CZECH REPUBLIC	<ul style="list-style-type: none"> Attempts to investigate how infection in the Czech Republic has ever appeared (by intention or by negligence). There are no result yet. Control and enforcement of entry ban regarding the respective area. The Air Service of the Police of the Czech Republic carried out night monitoring of the area to detect the movement of animals. From October 2017 in the area were police snipers who killed at least 150 wild pigs. Police officers could use equipment (such as silencers), which an ordinary individual cannot use. Police officers participated in this measures on the basis of Government Resolution No. 705 of 25th September 2017.
CONCLUSION	<ul style="list-style-type: none"> All cases in Zlín district. 230 positively infected wild pigs (202 found dead, 18 hunted). No transmission to domestic pigs!

