5th meeting of the GF-TADs Regional Steering Committee for Europe (RSC5)

8-9 October 2013
Bruxelles, Belgium
Fifth GF-TADs for Europe Steering Committee meeting (RSC5)
FAO assistance to prevent and control African Swine Fever (ASF)

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FAO Regional Office for Europe and Central Asia
FAO assistance to prevent and control African Swine Fever (ASF)

Outline
1. Implemented assistance
2. Current and coming activities
• CMC-AH emergency missions:
  o Joint FAO/OIE/EC
    o Georgia: June 2007
    o Armenia: September 2007
  o FAO/OIE
    - Belarus: May 2010

• FAO EMPRES mission:
  o Ukraine – July 2010
Technical Cooperation Projects (TCPs) in Georgia and Armenia 2008-2011

- Capacity development trainings:
  - Epi trainings (20) for over 1,000 private and state vets on surveillance, disease control and epidemiology.
  - Lab diagnostic trainings
- Purchase of equipment (disinfectants, PPE, fuel and lab reagents & equipment)
- Awareness: Information leaflets/booklets for vets and farmers
- Research in wild boar and soft ticks
Public awareness, cooperation with farmers, pork producers and traders (II)

Technical meeting; Threat of African Swine Fever spread in Eastern Europe: Urgent need for international collaboration

4-5 December 2012
FAO Regional Office for Europe and Central Asia
Budapest, Hungary
Capacity building trainings

Epidemiology Workshops:
  Ukraine: (May 2009): > 50 participants
  Belarus: (May 2009): > 20 participants

Laboratory Diagnostic Workshop (Kiev, 16-19 March 2010)
  - 16 diagnosticians from Belarus, Moldova and Ukraine
    - ELISA Ab & Ag detection, RT-PCR
    - Immunoflourescence and microscopy
Mapping activities

• Production systems:
  – commercial, backyard and free-range
• Wild boar demographics and densities for eastern Europe and Asia
• ASF outbreaks monitoring
Early warnings and assessments

**Early warnings:**

**Assessments:**

**Periodic situation updates**
ASF meetings with FAO (2010-2013)

- 20-24 Sep 2010, Astana, Kazakhstan, OIE: 24th Conference of the OIE Regional Commission for Europe
- 11 Oct 2010, Friedrich Loeffler Institute, Greifswald, Germany: *Expert Meeting on African Swine Fever*
- 3-4 Feb 2011, EU-FMD & GFTADs, Budapest, Hungary: *1st Veterinary Forum for South East Europe*
- 21-23 March 2011, Kyiv, Ukraine: *Cross-border cooperation between veterinary services (Russian Federation and Ukraine) for African Swine Fever control and prevention*
- 30 May-1 Jun 2012, Hannover, Germany: *Workshop on Laboratory Diagnosis of African and Classical Swine Fever*
- 4 June 2012, Paris, France: *African swine fever as a back-to-back meeting of the 19th World Meat Congress 2012*
- 4-5 December 2012, Budapest, Hungary “*Threat of African Swine Fever spread in Eastern Europe: Urgent need for international collaboration*” under GFTADs Europe


- 3-4 September 2013 TAIEX Seminar on Classical and African Swine Fever, Vilnius, Lithuania
ASFORCE

- European Commission (EC) Research Consortium under the Seventh Framework Programme (FP7)
- Targeted research effort on African swine fever
- 36 months and 5 million EUR
- 18 partners (universities, research institutes, SMEs & FAO)
- 5 themes:
  - **Theme 1** - Coordination and management
  - **Theme 2** - Prevention, control & eradication models
  - **Theme 3** - Pig-wild boar-Argasidae interactions
  - Theme 4 - Development of vaccines and diagnostics
  - **Theme 5** - Training and knowledge transfer

- FAO participates in themes 2, 3 and 5, mainly on the implementation of field activities in Eastern Europe and the Caucasus, plus mapping of host populations, and studies on wild boar movements
Coming up ASF activities:

- Technical Cooperation Program (TCP) in **BELARUS** and **UKRAINE**: Technical assistance on prevention and surveillance of ASF
  - Technical guidance on immediate response - outbreak control measures
  - Assistance in development technically sound and cost-effective control strategy
  - Laboratory support
  - Decision support systems (GIS)
  - Revise/update surveillance protocols
Coming up ASF activities

• FAO-USDA collaboration on the progressive control of ASF in Eastern Europe (Ukraine, Kazakhstan and RF):
  – Matrix of risk factors (Kazakhstan and Ukraine)
  – Support international training on tick collection in Georgia
  – Laboratory ASF diagnostics training in Kazakhstan (Sept 2013)
  – Launching of the Global Platform on ASF (November 2013)

• EU-FMD / EMPRES wild boar ecology studies and development of non-invasive sampling techniques:
  – Wild boar ecology and disease: space use and social interactions in a wild boar population on a year-round basis
  – To kill or not to kill: non-invasive collection of saliva from wild ungulates for diagnostic purposes
Coming up ASF activities

FAO-OIE training course on ASF epidemiology and diagnosis, Perugia, Italy, 11-15 November, 2013 under GF-TADs Europe, supported by Government of Italy.

Host Institution: Istituto Zooprofilattico Sperimentale dell’Umbria e Marche (IZS-UM) National Reference Laboratory for CSF and ASF, Perugia, Italy

**focus on:**

- prompt disease recognition, outbreak investigation, sampling/shipping and outbreak control;
- development of early warning and emergency preparedness capacity within each affected area;
- basic concepts on epidemiology and tools to prevent and/or control ASF spread;
- theory on collection and identification of *Ornithodoros* genus ticks;
- bio-security measures for ASF
THANKS