AniBioThreat Exercise: Conclusions and Lessons Learned

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OIE Global Conference on Biological Threat Reduction
1st of July 2015
Paris
France
Multidisciplinary approaches to reduce biological threats.....

"All Hazards – One Health"

"Global Health"

.....by building forward resilience
2006: EU strategic seminars

2007: Green Paper on Biopreparedness

2008: CBRN Task Force

2009: EU CBRN Action Plan

2010-2014: Implementation

2015 Next step of a new CBRNE Agenda?

2009 EU Call: about animal bioterrorism threats
AniBioThreat

• Title: “Bio-preparedness measures concerning, prevention, detection and response to animal bioterrorism threats”

• Total Budget: 7.003.992,26 € (70% funded by ISEC and 30% partners)

• Project period: 1st of October, 2010 to 30th of September 2013

• Duration: 3 years

• Partners: From 8 EU Member States

• Overall objective:
  – The project aims to improve EU’s capacity to counter biological animal biothreats in terms of awareness, prevention and contingency.
Bridging Security, Safety and Research

- All hazards approach

- One Health

Engagement of academia, security, public & animal health partners
The Consortium

Kick-off: 5-8 Oct, 2010, Uppsala

Multidisciplinary: veterinarians, medical doctors, bacteriologists, virologists, agronomists, molecular biologists, epidemiologists, communicators, superintendents, police officers, seargents, forensic experts, lawyers, professors, Post Docs, PhD students
The conflict zone...

Collision of cultures
Building the Bridge

ORGANISATION

EXERCISE

WORKSHOP

STUDY VISIT

MOBILITY PROGRAM

TRAINING

EDUCATION

PHD AND ACADEMIC COURSES

RESEARCH

CONTINGENCY AND PREVENTION

INDIVIDUAL

AWARENESS
Interoperability & Biothreat Reduction
Three main topics

• Bridging

• Multi-sectoral

• Actionable
Multi-sectoral capability

Biorisk Management
CWA 15793

SAMBio2013

Anthrax outbreak
Supplement Issue: Bioterrorism
Threats to Animals, Feed and Food

- Original research
- Next steps for research
- New cross-collaborations identified
- Comprehensive and Full-scope of issues
van Tuyll 2013 Dealing with Future Risks in the Netherlands; Biosec Bioterror, Vol 11 p, S55-63
Building a Collaborative Culture

Historic Perspective Agroterrorism

AniBioThreat Exercises: Contingency Planning & Simulation

• Insider (Sundqvist et al, 2013 Biosec Bioterror, Vol 11 p, S36-44).

• ShareSec (Deliverable 2.2: www.anibiothreat.com)

• SAMBIO 2013 – Animal Bioterrorism Exercise (See Poster Session, Anna Tubbin, National Board of Agriculture and Deliverable 6.3: www.anibiothreat.com)
  • Organized by National Board of Agriculture, Sweden
Joint exercise between security & public/animal health sectors

Field Exercise

Table Top Exercise

Photos: Anders Lindström & Anna Tubbin
Conclusions

• It was a pilot exercise for a multi-sectoral response to an animal bioterrorism incident

• Several collaboration perspective and 10 developments areas have been identified

• Increased awareness about other organizations role and responsibilities

• Updated contingency plans for deliberate acts

• The need for sustainable training & exercises
Lessons Learned

Three key words from SAMBIO

1. COLLABORATION
2. CREDIBILITY
3. EFFICIENCY

Three recommendations for the future

1. DEVELOP A CLOSE COLLABORATION
2. PREPARE AN EFFICIENT READINESS
3. CONDUCT MORE CRISIS MANAGEMENT EXERCISES
AniBioThreat In Summary: Output

- 8 EU countries
- More than 170 participants
- 5 Consortium meetings
- Early Warning and Strategic analysis course
- 2 Education movies security
- 2 Training events for first responders
- 5 Mobility program
- 10 workshops
- 3 exercises (SAMBio2013)
- Biopreparedness tools and protocols
- Updated Contingency Plans
- Implementation of decision
- More than 70 publications
Recommendations from AniBioThreat

• Integrating bio agro preparedness to ensure the safety and security of EU citizens
• Invest to ensure sustainable networks, expertise, research
• Continue development and implementation of communication technologies, decision making tools and defined responsibilities
• Widen the awareness through outreach to EU28 and further, sectors, disciplines
• Strengthen and develop the multi-sectoral approach through bridging actions
• Facilitate multidisciplinary interaction between scientists, practitioners and first responders
• Foster a holistic mindset
Acknowledgement

- European Commission
- All hard working AniBioThreat Partners and Associated Partners
- WP and Task Leaders, AniBioThreat Steering Committee
- External Advisory Board; Heather Sheeley (HPE), Jan Langermans (BPRC), Joris De Baerdermaeker (INTERPOL)
With the financial support from the Prevention of and Fight against Crime Programme of the European Union

European Commission – Directorate – General Home Affairs

Disclaimer: The work reflects the view of the partners, and the European Commission can not be hold responsible for any use that may be made of the information contained therein