



TENDER N. SANCO/2008/E2/010 – LOT 3

Training workshop on AW during stunning and killing in disease control situations

JUNE 8 - 11, 2010

**COLLI DEL TRONTO
(ASCOLI PICENO – ITALY)**

Case study n. 2

Contractor:
Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale"
Partner:
Areté Srl



CASE STUDY N°2:

“EMERGENCY KILLING OF POULTRY”

In the case of highly pathogenic avian influenza (HPAI) infections in poultry flocks depopulation of infected and suspected flocks is an important measure to stop the disease from spreading. Depopulation of whole flocks is complex because large numbers of animals are killed on sites that are not designed for this purpose. As a consequence, efficacy, animal welfare and human safety are often in conflict with each other.

Objectives:

- ✓ Decision making on culling procedure.
- ✓ Controlling the culling procedure with respect to animal welfare and human safety

Description:

During an outbreak of HPAI in an area densely populated with poultry you are, as official vet, responsible for the eradication of poultry flocks at different locations. Within 3 days of the first detection of infection already 14 other farms are infected or suspect. To stop the disease from spreading at this speed it is important to close these farms as soon as possible to prevent transfer of people and materials between farms. Killing animals will stop the virus production and consequently reduce the probability of spreading the virus to other flocks.

In the field you are responsible for choice of the most effective killing method for the different situations. Furthermore you are responsible for safeguarding animal welfare during culling procedures.

Assignment:

1. Describe the measures you take to close the farm in an action plan.
2. Make a decision on killing procedure to be used for 2 different housing types or farming conditions (you can describe practical situations from your own country).
3. How will you control and safeguard animal welfare?
4. Which actions will you take if the killing procedure of your choice does not work or if a number of animals survive?
5. Define the risk factors that you can expect with regard to human safety.