



Low Pathogenicity Avian Influenza in Italy

SCoFAH Bruxelles, 08 November 2011

Low Pathogenicity Avian
Influenza
-Italy-
2011

Epidemiological situation
From 08 Sep to
31 Oct 2011

6 more outbreaks of H7
LPAI in backyard flocks



LPAI Outbreaks – Basilicata Region - 1

15 Oct 2011

In the frame of monitoring rural poultry sector (**Ministerial Decree of 25 June 2010**) serum samples were collected in 2 **Backyard flocks** located in **Basilicata** Region – Potenza province.

On the **18th of October** the NRL confirmed positive results for LPAI Virus subtype H7 on serum samples.

- CONTROL MEASURES -

Depopulation on **20 Oct 2011**

Cleansing and
Disinfection procedures

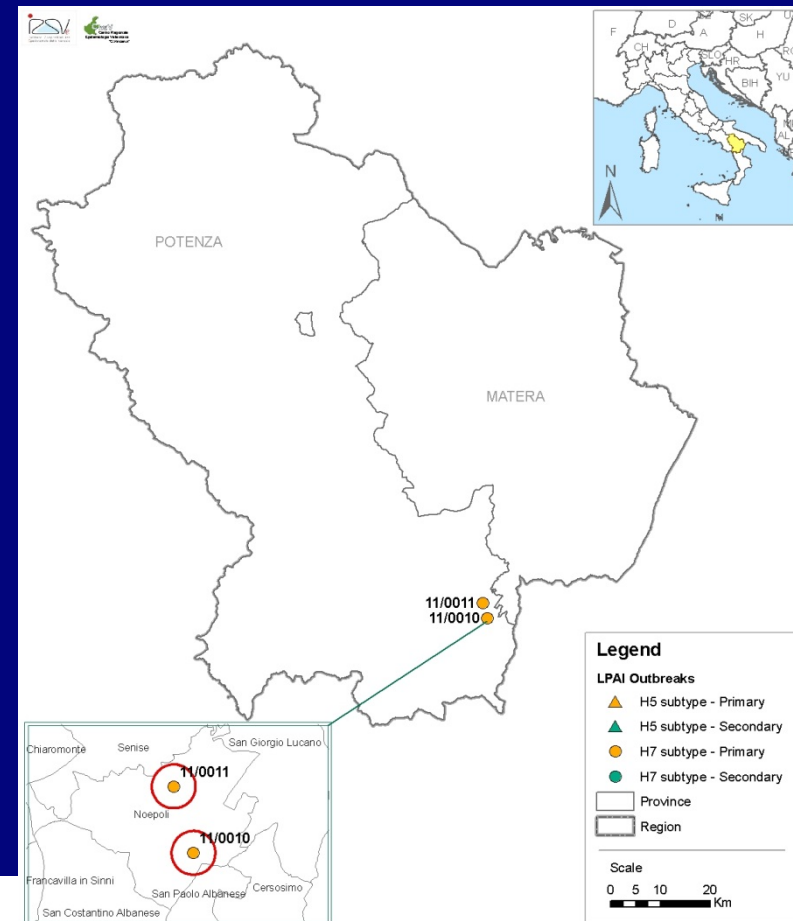
Restriction (1km):

-Serological and virological screening on
backyard flocks

Epidemiological enquiry is on-going

Birds present in 1st farm : **36** laying hens

Birds present in 2nd farm : **62** broiler and **13** turkeys



LPAI Outbreaks – Basilicata Region - 2

31 Oct 2011

In the frame of monitoring rural poultry sector (**Ministerial Decree of 25 June 2010**) serum samples were collected in 4 **Backyard flocks** located in **Basilicata Region** – **Matera province**.

On the **31st of October** the NRL confirmed positive results for LPAI Virus subtype H7 on serum samples

- CONTROL MEASURES -

Depopulation - Cleansing -
Disinfection procedures and
epidemiological enquiry are on-going

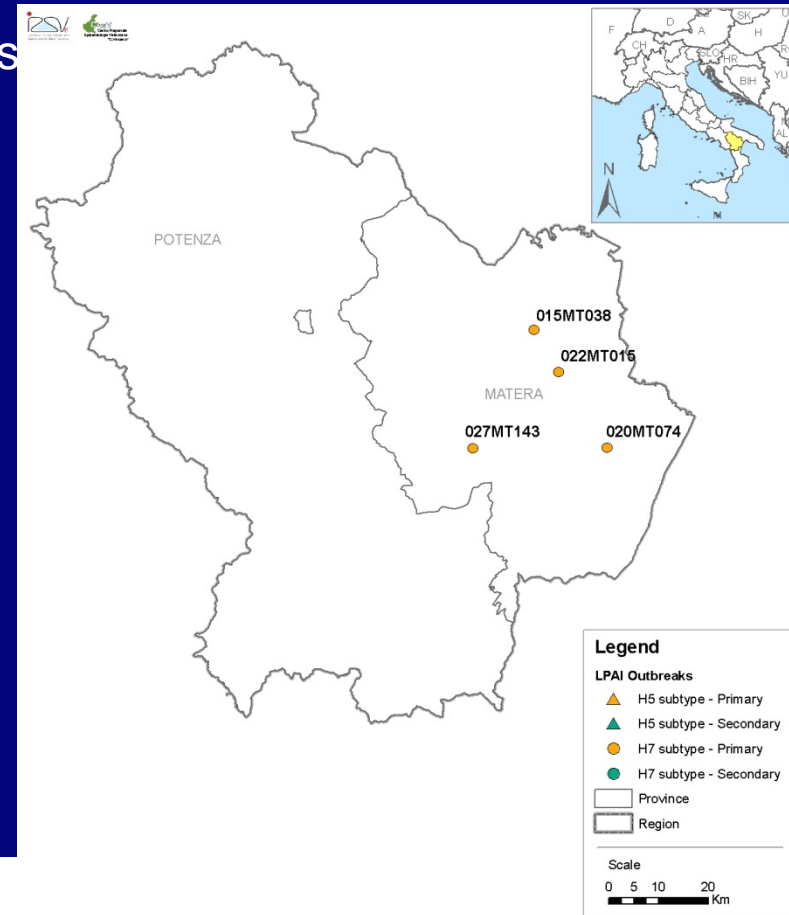
Restriction (1km):

-Serological and virological screening *
on backyard flocks

Birds present in 1st farm : 10 laying hens

Birds present in 2nd farm : 10 laying hens

The Veterinary services are now collecting the data
in the other two Backyard farms



2011- LPAI Outbreaks

- In the last 5 years, outbreaks in the rural sector were associated to the H7 subtype
- At present time the preliminary **epidemiological investigations** did not reveal which is the potential source of infection
- At the stamping out of the birds, carcasses will be analysed in order to identify the circulating virus (i.e. PCR and virus isolation)

Total outbreaks of LPAI virus in 2011 in Italy

