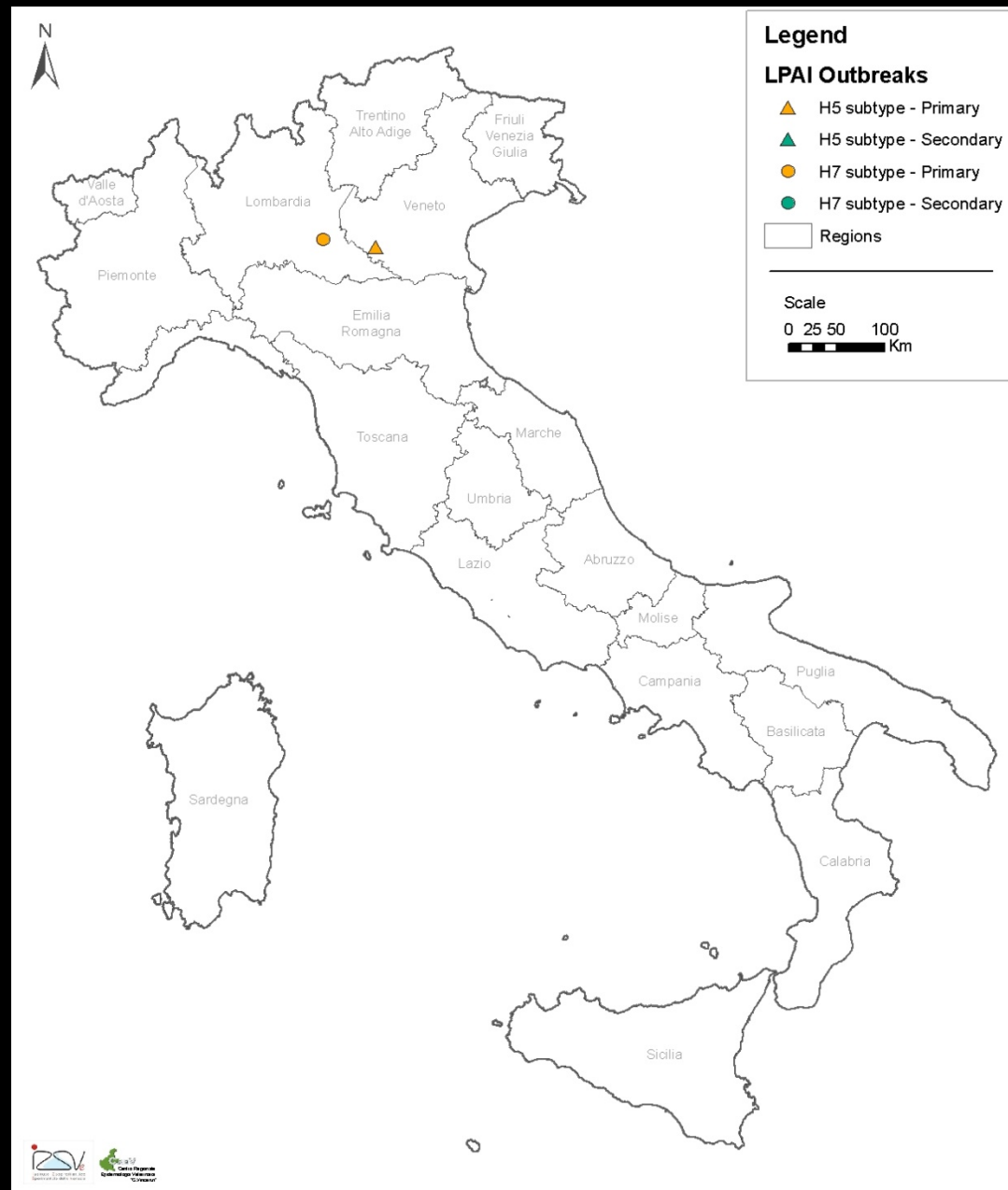


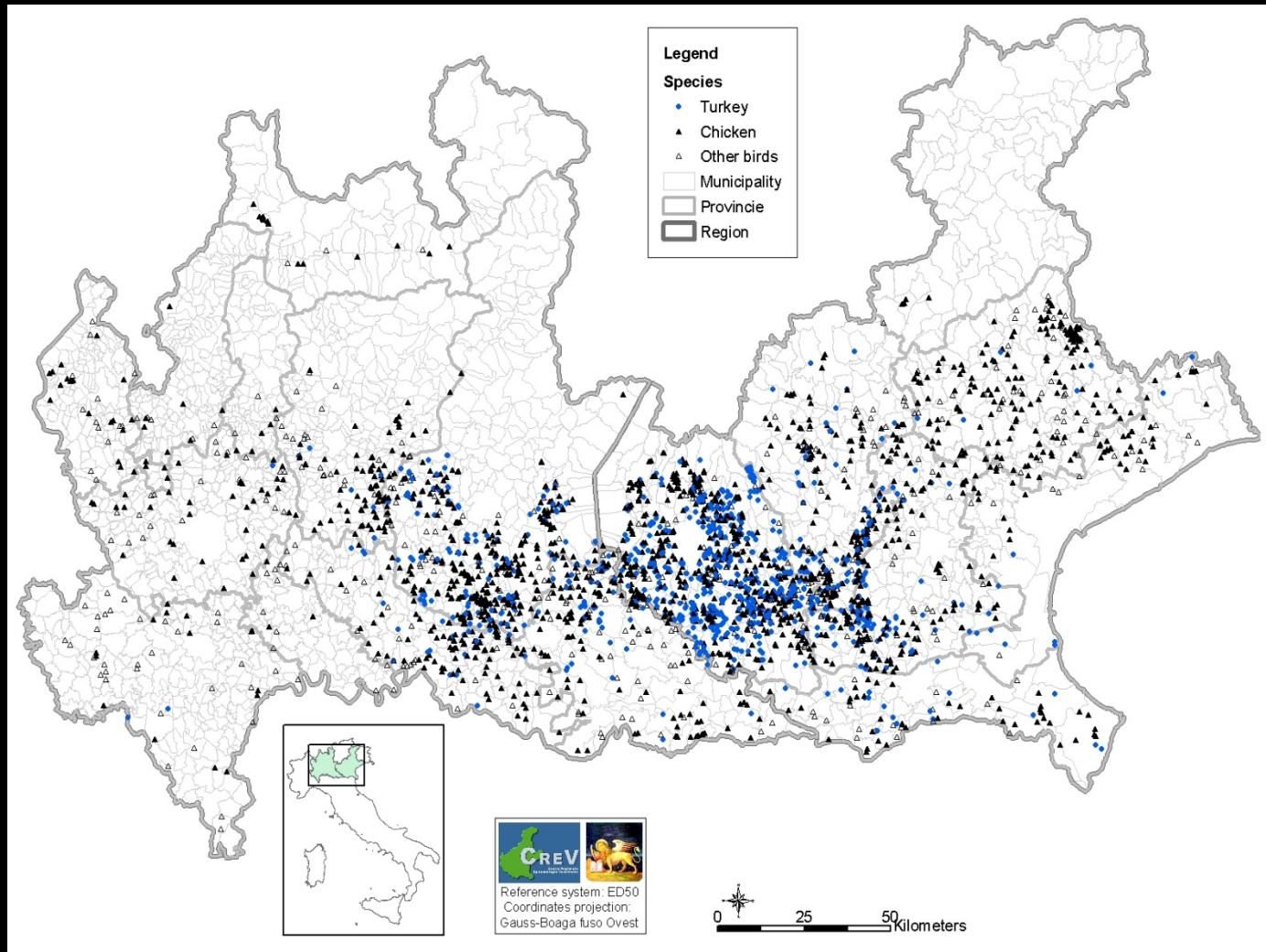
Low Pathogenicity Avian Influenza in Italy: epidemiological situation

SCoFAH Bruxelles, 01-02 March 2011

Low Pathogenicity Avian Influenza -Italy- 2011



DPPA (Densely Populated Poultry Area)



SCoFCAH Bruxelles 01-02 March 2011



DETECTION OF INFECTED PREMISES

Ministerial Decree of 23 June 2010

“Prevention, control and surveillance of rural poultry sector”

Monitoring programme based on the risk of introduction and spread of influenza viruses on rural poultry holdings trading at live birds markets and fairs



H7 LPAI Outbreak

07 Jan 2011

NRL confirmed by RT-PCR the positivity of a Type A, sub-type H7 LPAI virus in a fecal pool collected from ducks during the monitoring activity of commercial holdings trading at markets and fairs. Birds were reared in a dealer farm located in the municipality of Carpenedolo (Brescia province – Lombardy region - DPPA).

The infected premise (IP) was positive (virological test on tracheal swabs) also in April 2010.

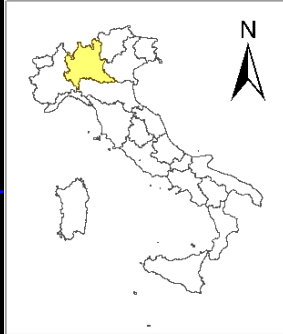
Previous virological tests (27 Dec 2011) gave negative results.

H7 LPAI Outbreak

Birds present in farm

Broilers	86
Cockerels	129
Laying hens	291
Capons	71
Turkey breeders	10
Guinea fowls	22
Duck breeders	76
Geese	37
Pullets	20
TOTAL	742

Birds present in the farm were culled



H7 LPAI Outbreak *Epidemiological Investigation*

Tracings

Geese and chickens were introduced from a farm located in Barbariga municipality (Brescia province) on 31 December 2010.

This premise and 8 related farms were subjected to further surveillance.

No evidence of infection was detected.





Control measures

➤ Restriction Zone 1km:

- Laboratory tests on commercial poultry holdings (1 broiler premise)
- Bird movement restrictions
- Fairs, markets, shows or other gatherings of birds were prohibited

➤ Further surveillance activities:

- Serological and virological tests in commercial and dealer holdings of the whole Region.
- Serological testing of all premises present in a 3km buffer radius from IP 2 chicken breeder; 1 broiler and 1 guinea fowl premises.
- Movements of birds from these farms were prohibited until negative laboratory results

No evidence of further
H7 LPAI circulation

Revocation of control measures on **24 January 2011**

H5 LPAI Outbreak

14 Feb 2011

Pre-moving sampling, performed according to the monitoring plan for commercial holdings trading at markets and fairs, detected a serological positivity for Influenza Virus sub-type **H5** in a rural hobby farm located in Bovolone (Verona Province – Veneto region - DPPA). *Further investigation* confirmed the positive result by serological testing, whereas the virological assays gave negative results.

Birds present in farm:

Geese	38	Turkeys	8
Ducks	63	Cockerels	15
Swans	3	Pigeons	15
Wild ducks	20	TOTAL	162

8 positive animals
Titre range between
1:16 – 1:32
5 duck; 1 turkey;
1goose; 1 cockerel

Control measures

➤ Infected premises

- Depopulation (17 Feb 2011)
- Cleaning and disinfection procedures (17 Feb 2011)

➤ Restriction Zone 1km

- 1 poultry farm is present in 1km buffer radius (1 industrial turkey farm slaughtered on 20 Jan 2011)

