

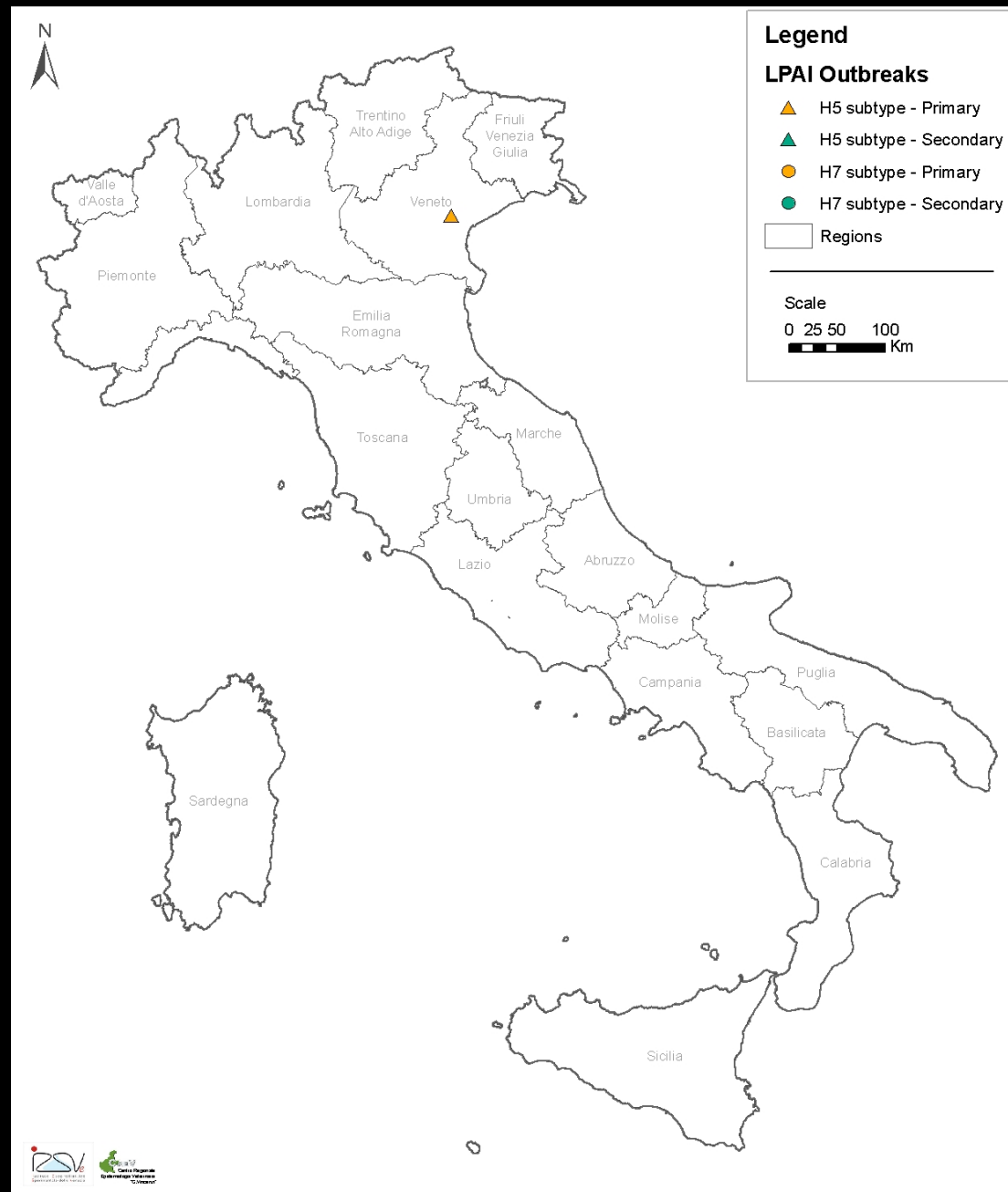
Low Pathogenicity Avian Influenza in Italy

SCoFAH Bruxelles, 02 May 2011

Low Pathogenicity Avian Influenza -Italy- 2011

H5 Outbreak

Veneto Region



H5 LPAI Outbreak

— Ministerial Decree of 25 June 2010 —

21/03/2011

Monitoring of rural poultry sector

Samples collected in a commercial holding (16/03/2011) trading at markets and fairs located in Salzano municipality (Venice province), tested positives for Type A, sub-type H5 LPAI Virus. Details of the analysis performed:

Species/ matrix	Test	N°samples	Positive
Ducks/serum	HI	6	6 H5 sub-type
Hens/serum	HI	4	0
Ducks /cloacal swabs	RT-PCR	Pool of 4 animal	1 H5 LPAI

Titre range between

1:16 – 1:32

aminoacid sequence at
the cleavage site of the
haemagglutinin –
QRETRGLF*GAIA

NO Virus isolation



Birds present in farm

Broilers: 24

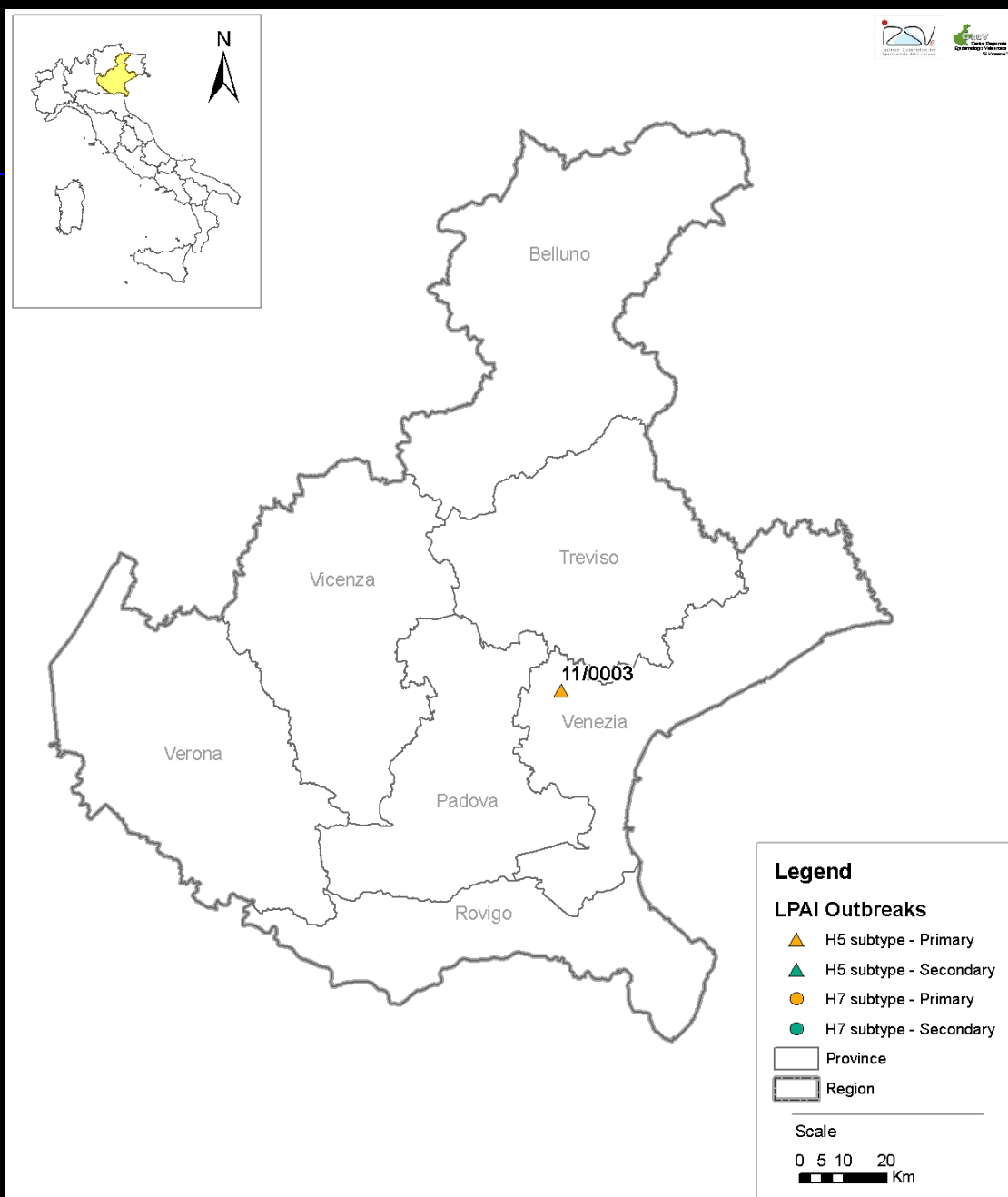
Laying Hens: 40

Guinea Fowls: 5

Ducks: 12

Pigeons: 10

Total: 91 birds



Control measures

Infected premises

- Depopulation (22 Mar 2011)
- Cleaning and disinfection procedures (22 Mar 2011)

Restriction (1km) and Surveillance Zone

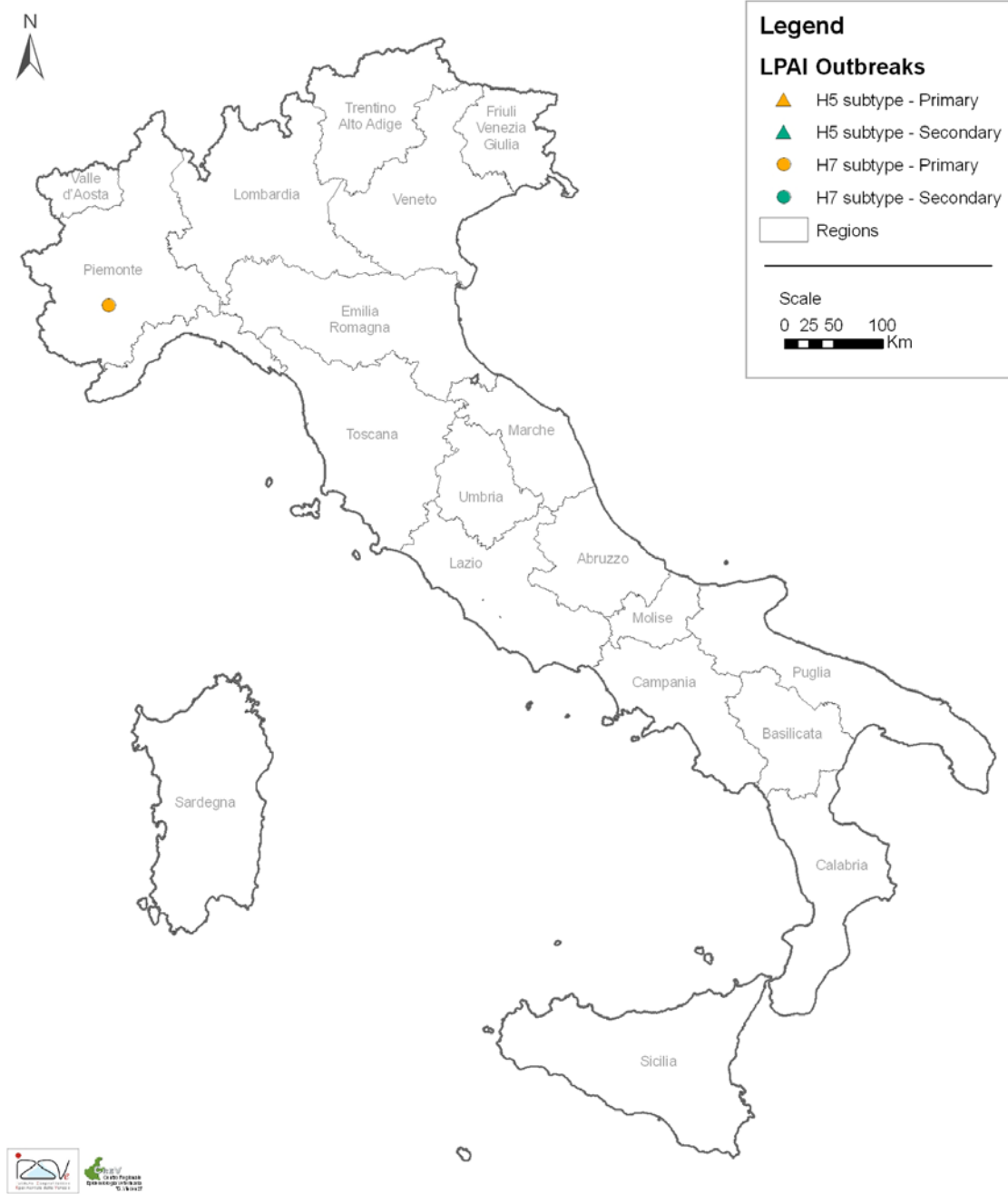
- No poultry farms were present

Epidemiological Investigation

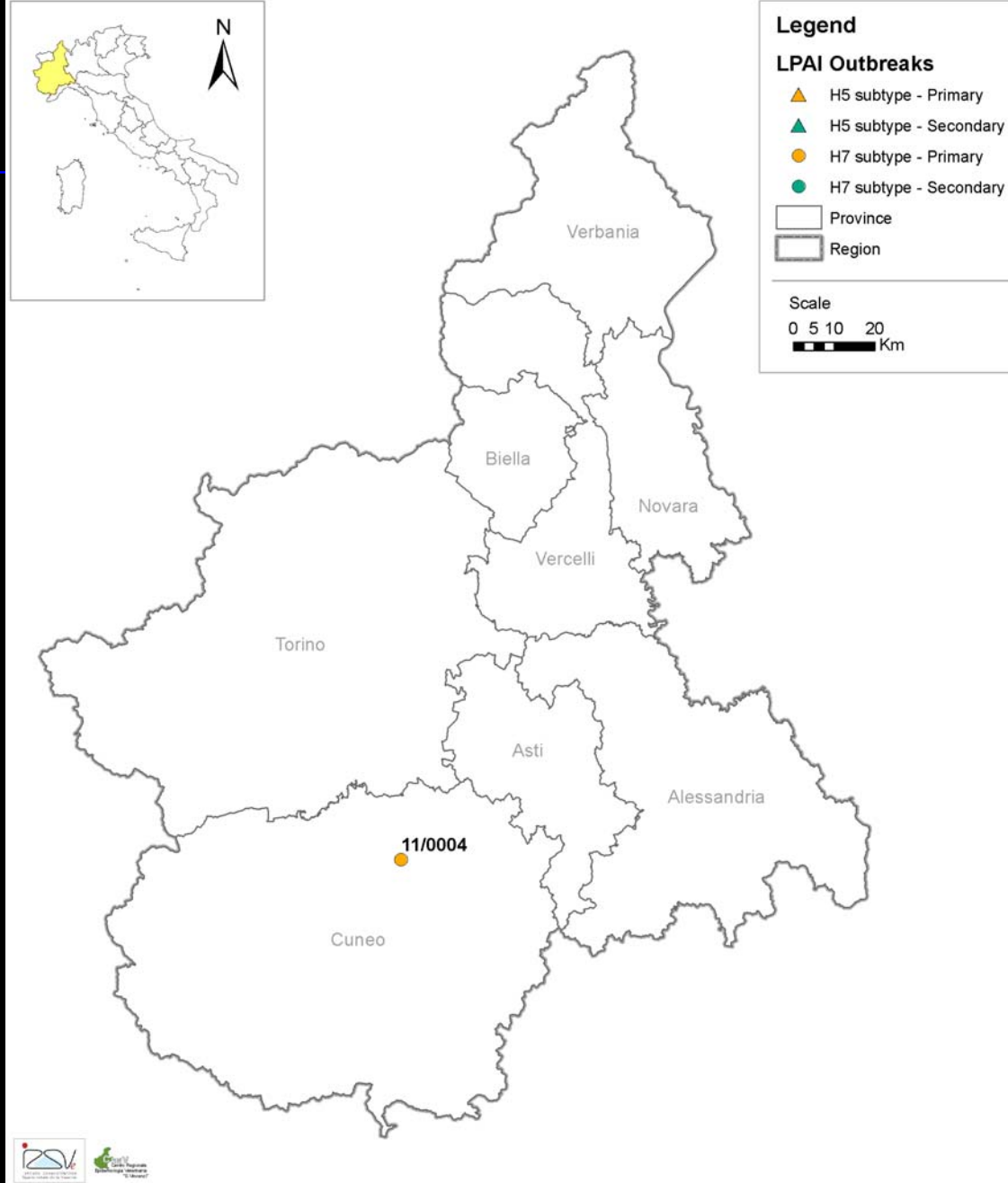
Birds introduction

- Positives animals (Ducks) were introduced from a dealer farm located in San Martino di Lupari Municipality (Padua province).
 - Samples (serum, cloacal and tracheal swabs) collected from 30 broilers and 30 guinea fowls on 23 Mar 2011 gave **negative results**.

Low Pathogenicity
Avian Influenza
H7 Outbreak
Piemonte
region



Low Pathogenicity
Avian Influenza
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H7 LPAI Outbreak

On **30 March 2011** 15 chickens of a dealer farm located in Cherasco municipality (Cuneo province) were sampled in the frame of the National Control of rural poultry sector **MD of 25 June 2010**.

Serological positivity for LPAI subtype H7 was confirmed on **08 April 2011** by the National Reference Laboratory in 5 animals (titre range between 1:16 and 1:256)

Birds present in farm:

	Laying hens	Broilers	Ducks	Geese	Ducklings	Chicks	Goslings	Total
No.	130	15	12	5	200	2050	40	2452

- Adults
- New born

Epidemiological Investigation (E.I.)

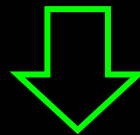
Birds introduction

- All the reared birds were born in the farm

Markets Participation

- E.I. revealed the participation at live bird markets in the cities of Fossano (Cuneo province) on 13 March 2011 and Cuneo on 27 March 2011.

Regional Veterinary Authority put in place an active sampling of all dealers farms (**6 premises**) attending these 2 markets.



All the samples tested negative

Control measures

Infected premise

- Depopulation on 29 April 2011
- Cleaning and disinfection procedures on 29 April 2011

Restriction Zone (1km)

- No poultry farms were present