



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Home Affairs FDHA
Federal Food Safety and Veterinary Office FSVO

Newcastle Disease in Switzerland

PAFF Committee AHW / CIC

30 Nov / 1 Dec 2017



General information

Status

Switzerland follows a **non-vaccination strategy** for NCD

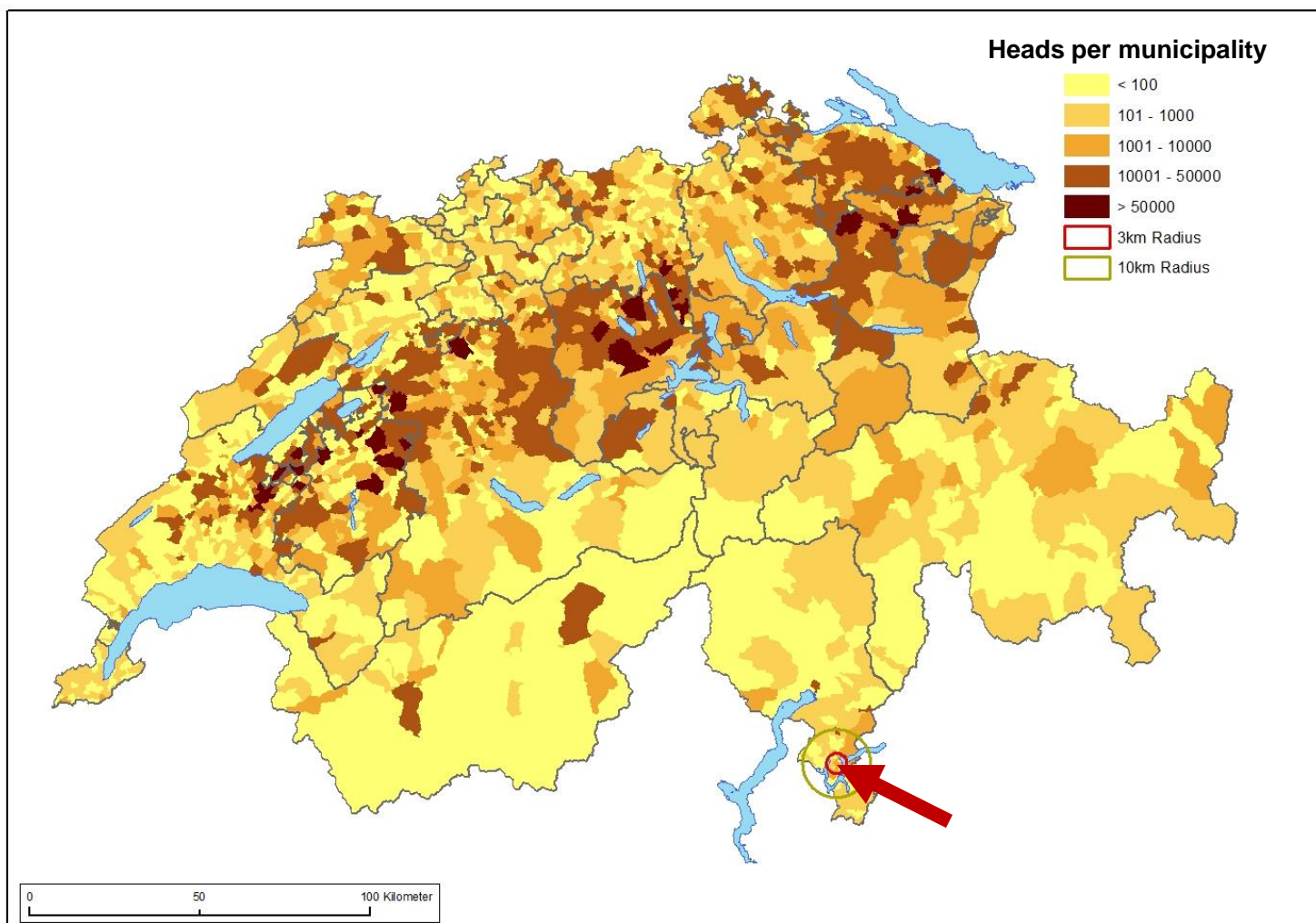
Additional guarantees for import of poultry from the EU according to Council directive 2009/158/EC (non-vaccinated birds)

Previous outbreak:

November 2011: Marin (Canton of Neuchâtel), 1 holding; 30 contact premises (negative)



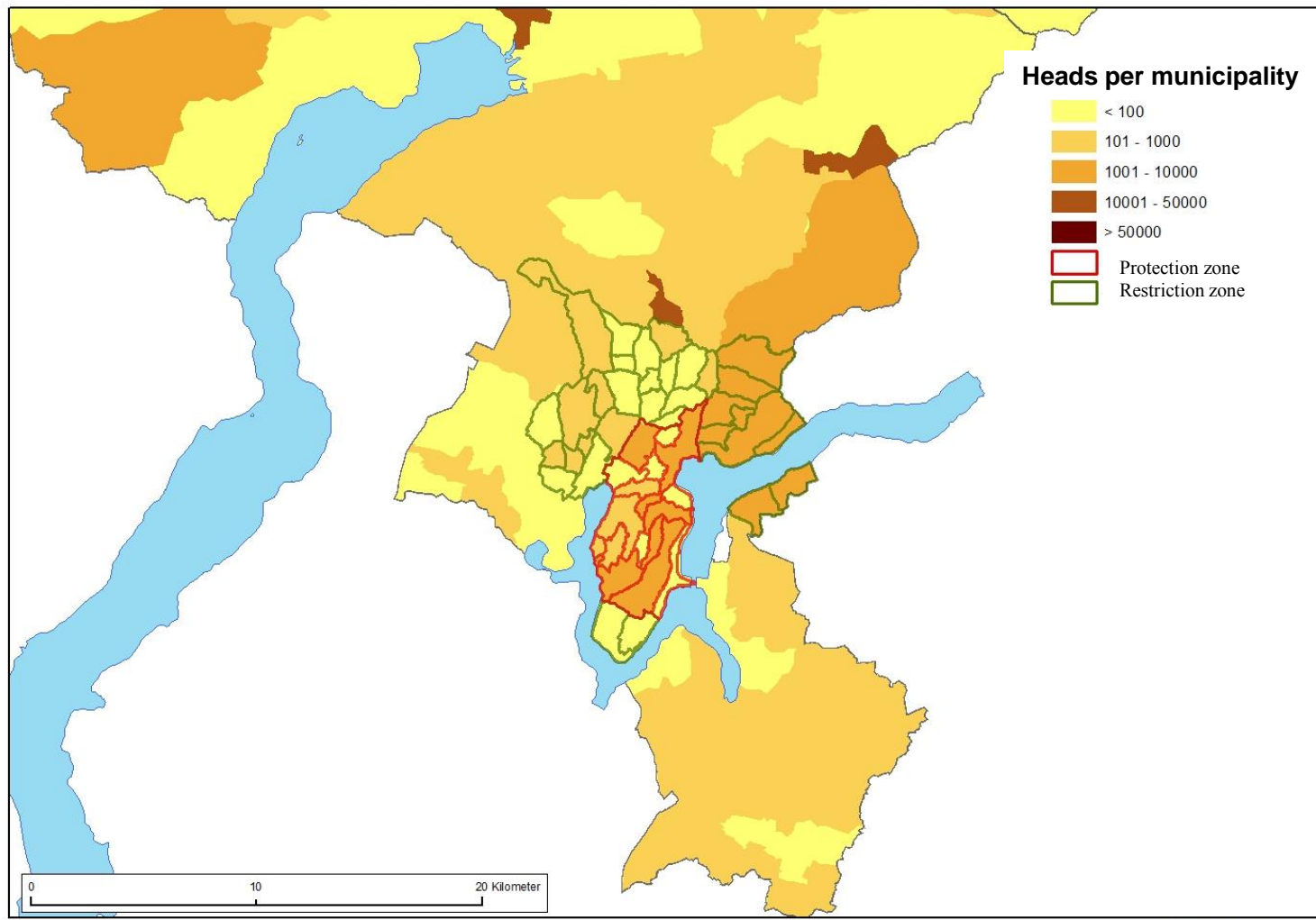
Location, poultry density



BLV, 29.11.2017 - mbi



Location, poultry density



BLV, 29.11.2017 - mbi



Outbreak chronology

Location: Lugano (Pazzallo quarter)

5'434 laying hens in 2 houses, indoors (with outdoor access)

Symptoms: Egg production drop (20%), white shell colour instead of brown (90%), shell-less eggs (restricted to house 1).
No increase in mortality

16/11/2017 sampling

17/11/2017 test results (NRGK, University of Zurich):

House 1: All samples ELISA strong positive, 1 PCR positive

House 2: All samples negative

17/11/2017 restriction on holding of outbreak

20/11/2017 3km protection zone and 10km surveillance zone, according to [swiss animal health legislation](#)



Outbreak chronology

20/11/2017

Notification to OIE (WAHIS), ADNS, Fax Info note to European Commission and CVOs IT, FR, DE, AT

20 - 21/11/2017 Culling of all animals (CO₂ in containers), disposal of 60'500 eggs (ABP Cat. 1), preliminary cleaning

Cleaning and disinfection ongoing

15/12/2017 planned lifting of restrictions



Investigations

Virus:

Paramyxovirus, pathogenicity (F-gene) not conclusive (pigeon type excluded). Analyses ongoing at OIE Reference Laboratory (FLI). No indication on way of introduction.

Tracing:

Last introduction of hens: 07/01 (house 1), 02/09 (house 2). Eggs recalled from retail in Canton of Ticino.

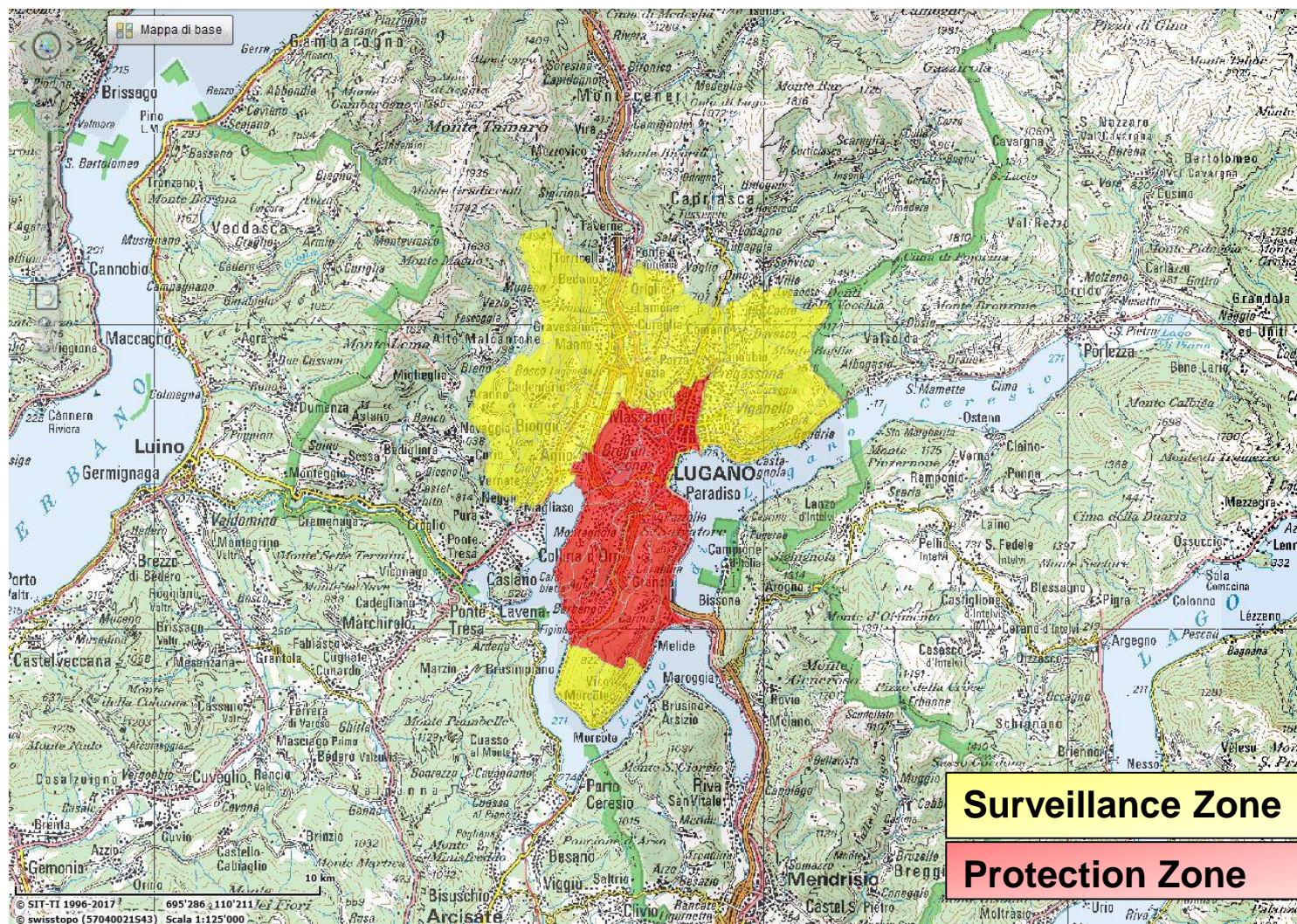
1 contact holding in Canton of Aargau, negative.

Poultry holdings in restricted area: 10 in PZ, 103 in RZ (all small size). Inspection, sampling and analyses ongoing.

No export of live poultry, hatching eggs and non-heat treated poultry products to the EU



Measures





Measures

Protection zone:

- Confinement of all poultry, no contact with wild birds
- No movement of live poultry and hatching eggs into or from the protection zone
- No movement of non-heat treated poultry products from holdings under restriction

Surveillance zone:

- No movement of live poultry or hatching eggs into the zone (first 7 days)
- No movement of live poultry, hatching eggs and non-heat treated poultry products from holdings under restriction

No export of live poultry, hatching eggs and non-heat treated poultry products from the the restricted area to the EU



Thank you for your attention!

[Homepage FSVO](#) (german, french, italian)

[Homepage Veterinary Service Canton Ticino](#) (italian)