



Project: Technical assistance to improve implementation of food safety standards and disease crisis preparedness

**Training course: Disease prevention  
and control measures**

Lecturer: Blagojcho Tabakovski

Date: .....

Place: Nicosia, Cyprus

*Project funded by the European Union Aid Programme for the Turkish Cypriot community,  
implemented by NSF Euro Consultants Consortium*

*Disclaimer: This presentation has been produced with the financial support of the European Union. Its contents are the sole responsibility of NSF Euro Consultants Consortium – Contractor, and do not necessarily reflect the views of the European Union.*

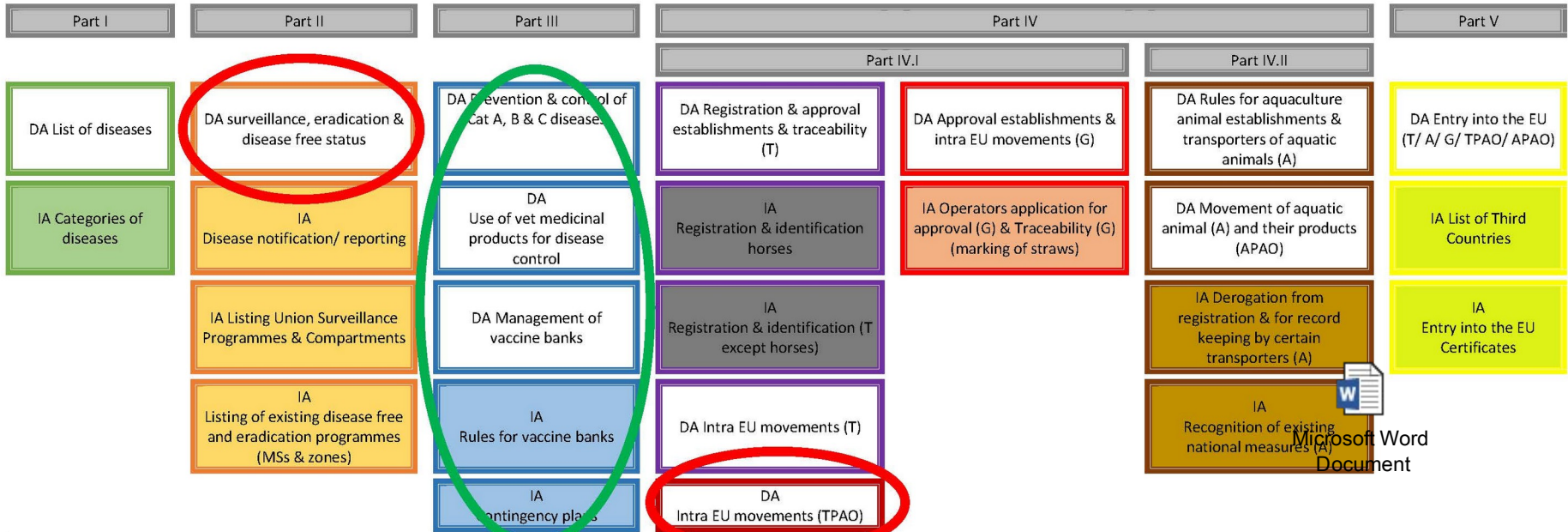


- Legal frame
- Suspicion
- Confirmation
- Establishing zones
- Measures
- Lifting restriction
- Derogation

# AHL - legal frame



## AHL Regulation (EU) 2016/429



T	Terrestrial animals & hatching eggs
TPAO	Terrestrial products of animal origin
A	Aquatic animals
APAO	Aquatic products of animal origin
G	Germinal products
DA	Delegated Act (DA)
IA	Implementing Act (IA)

Microsoft Word Document



- Commission Delegated Regulation (EU) 2020/687 as regards rules for the prevention and control of certain listed diseases
- Commission Delegated Regulation (EU) 2021/... [SANTE/7144/2020] on the use of veterinary medicinal products for prevention and control of certain listed diseases
- Commission Delegated Regulation (EU) 2020/689 as regards rules on surveillance, eradication programmes and disease-free status
- Commission Delegated Regulation (EU) 2020/2154 as regards animal health certification and notification requirements for movements within the Union of products of animal origin from terrestrial animals
- Commission Delegated Regulation (EU) on the management of the EU vaccine banks
- Commission Implementing Regulation (EU) on the rules for the EU vaccine banks
- Commission Implementing Regulation (EU) on contingency plans

# Regulation (EU) 2020/687



- Commission Delegated Regulation (EU) 2020/687 as regards rules for the prevention and control of certain listed diseases
- Supplementing Articles 53 to 69 of the AHL

Existing rules

New legal basis +  
new list of  
diseases + gained  
experience + new  
EFSA opinions +  
OIE standards

New harmonized  
framework for all  
category A  
diseases in one  
legal act



- Directive 92/35/EEC on African horse sickness
- Directive 92/66/EEC on Newcastle disease
- Directive 92/119/EEC on various diseases (LSD, etc.)
- Directive 2000/75/EC on Bluetongue
- Directive 2001/89/EC on classical swine fever
- Directive 2002/60/EC on African swine fever
- Directive 2003/85/EC on foot and mouth disease
- Directive 2005/94/EC on avian influenza
- Directive 2006/88/EC on aquaculture animals
- Implementing acts (e.g. on diagnostic manuals 2003/422/EC, 2002/106/EC and 2014/709/EU on ASF)



Regulation (EU)

2016/429

Part III

- Title II

- Chapter 1

- Chapter 2

Suspicion

Epidemiological enquiry

Disease confirmation

Measures in the affected establishment  
and epidemiologically linked  
establishments

Establishment of restricted zones

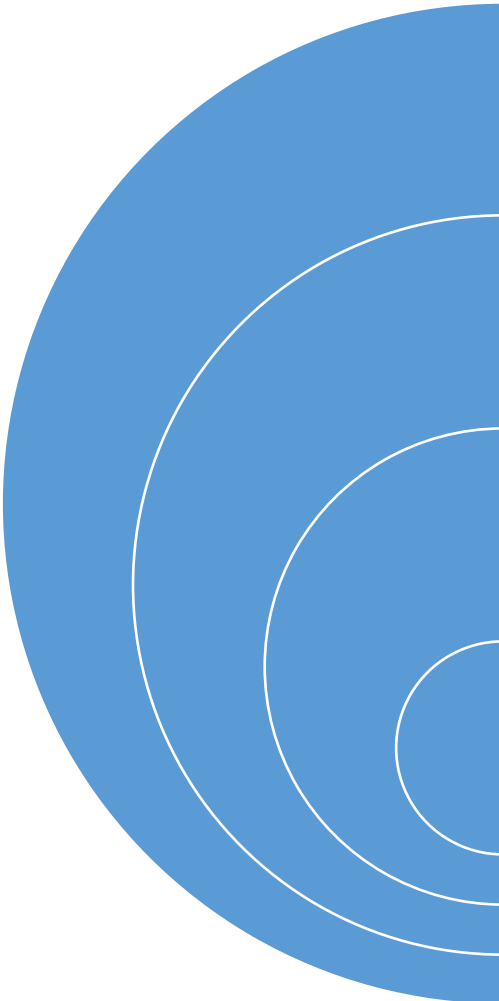
Disease control measures in the restricted  
zones

Wild animals





- General Articles



1. Scope
2. Definition
3. Clinical examinations, sampling procedures and diagnostic methods
4. Contingency plans (reference)



- Terrestrial and aquatic animals
- Suspicion
- Investigation
- Confirmation
- Establishing the zones
- Measures in domestic
- Measures in wild
- Derogations

# Scope – B diseases



Terrestrial and aquatic animals

Suspicion

Investigation

Confirmation

Measures in domestic

Measures in wild

Reference to Commission Delegated Regulation (EU) 2020/689 as regards rules on surveillance, eradication programmes and disease-free status

# Sampling procedures



- Sampling for clinical examination
- Sampling for laboratory examination
- Nature of disease
- Expected prevalence
- Transport of samples
- Contingency plan

## **NB:**

*‘Animal pathological material; perishable; fragile; do not open outside the laboratory of destination.’*

- Reference to Commission Delegated Regulation (EU) 2020/689 for the techniques, validation and interpretation of the diagnostic methods:
  - Article 6(1) for terrestrial animals: reference to OIE





5. Obligations on operators in the event of a suspicion in an establishment

6. Investigation by the CA in the event of a suspicion in an establishment

7. Preliminary restriction and biosecurity measures

8. Inventory and record keeping

9. Temporary restriction

10. Measures to apply in case of suspicion in food and feed businesses, etc

# Obligations on operators



- Isolate all animals suspected of being infected with the category A disease;
- Keep the manure, including litter and used bedding, and any product, material or substance likely to be contaminated with and to transmit category A diseases isolated and protected from insects and rodents, kept animals of non-listed species and wild animals to the extent technically and practically feasible;
- Implement the appropriate additional biosecurity measures to avoid any risk of spread of the category A disease;
- Cease all movements of kept animals of listed species from or to the establishment;
- Prevent non-essential movements of animals of non-listed species, products, materials, substances, persons and means of transport from or to the establishment;
- Ensure that production, health and traceability records of the establishment are updated;
- Provide the competent authority, on its request, with any relevant information regarding the category A disease; and
- Follow any instructions given by the competent authority regarding the control of the category A disease, in accordance with Regulation (EU) 2016/429 and this Regulation.



- **MONITORING PERIOD** - A time frame of reference (related to the incubation period, but not equivalent) set out for each category A disease of terrestrial animals (Annex II) to specify the period of time:
  - that must elapse for the competent authority to apply, order, authorise or lift certain disease control measures;
  - that must be covered by the competent authority in certain investigations and record analysis;
  - before which certain commodities originating in the restricted zone may be considered as not posing a risk of spreading of disease.





- Measures to be applied in food and feed businesses, border control posts, animal by-products establishments or any other location of relevance, including means of transport
- The DA contains specific rules for these type of establishments and locations in each Section/Chapter, providing to the competent authority with the possibility to adapt the rules to the specific situation and, in certain cases, providing for specific rules and derogations.



11. Official confirmation (concept)

12. Disease control measures in the affected establishment

13. Derogations from the measures in certain types of establishments

14. Additional measures

15. Preliminary cleaning and disinfection

16. Derogations from preliminary cleaning and disinfection

17. Identification of epidemiologically linked establishments, etc.

18. Measures to apply in the epidemiologically linked establishments, etc.

19. Measures to be applied to the products identified by the tracing

20. Measures to applied in case of suspicion in food and feed businesses, etc.

# Official confirmation



- The competent authority shall officially confirm an outbreak of a category A disease in kept terrestrial animals when a case is confirmed in accordance with Article 9(2), (3) and (4) of Delegated Regulation (EU) 2020/689:
  - The competent authority shall classify an animal or a group of animals, as a confirmed case of a listed disease or of an emerging disease when:
    - (a) the disease agent, excluding vaccine strains, has been isolated in a sample from an animal or from a group of animals;
    - (b) an antigen or nucleic acid specific to the disease agent that is not a consequence of vaccination has been identified in a sample from an animal or from a group of animals showing clinical signs consistent with the disease or an epidemiological link with a suspected or confirmed case; or
    - (c) a positive result from an indirect diagnostic method that is not a consequence of vaccination has been obtained in a sample from an animal or from a group of animals showing clinical signs consistent with the disease or an epidemiological link with a suspected or confirmed case.

# Measures on the infected establishment



- all animals of listed species kept in the affected establishment shall be killed as soon as possible on the spot;
- all appropriate and necessary biosecurity measures shall be taken;
- bodies or parts of kept animals of listed species which have died or which have been killed shall be disposed of in accordance with Regulation (EC) No 1069/2009;
- all potentially contaminated products, materials or substances present in the establishment shall be isolated until:
  - (i) they are disposed of or processed in accordance with Regulation (EC) No 1069/2009, in the case of animal by-products (including those resulting from the killing and products of animal origin and germinal products);
  - (ii) cleaning and disinfection measures are completed,
  - (iii) disposal is completed under the supervision of official veterinarians,

# Derogations from killing



- The DA provides for the possibility for the CA to grant derogations from killing, after a risk assessment has been carried out and subject to specific biosecurity measures. The scope of such derogations is wider than in the current legislation. They cover:
  - animals kept in a confined establishment;
  - animals kept for scientific purposes or purposes related to conservation of protected or endangered species;
  - animals officially registered in advance as rare breeds;
  - animals with a duly justified high genetic, cultural or educational value;
  - equine animals (AHS and Glanders).



- The DA maintains the concept of ‘preliminary cleaning and disinfection’ as the starting point to countdown the period during which measures are in place in the restricted zone.
- The concept of ‘final cleaning and disinfection’ is also maintained as the starting point to countdown the waiting period before repopulating the affected establishments.



- Identification of epidemiologically linked establishments and other locations of relevance, including means of transport
- In the frame of the epidemiological enquiry': supplementing Article 57 of the AHL (no duplication of rules)
  - Safe commodities may be excluded (detailed in Annex VII based in the OIE terrestrial code)
  - Casings for LSD
  - Milk for CBPP and CCPP
  - The CA must impose measures in such establishments and locations depending on the type of epidemiological link with the affected establishment

A decorative graphic on the left side of the slide consisting of four concentric semi-circles of varying shades of blue, centered vertically. The outermost semi-circle is the darkest blue, and the innermost is the lightest blue.

21. Establishment of a restricted zone

22. Measures to be applied in the restricted zone

23. Derogations from measures to be applied in the restricted zone

24. Requirements for the means of transport of kept animals of listed species and products





- Restricted zone = protection zone + surveillance zone + further restricted zones(optional)
- Size: specified in Annex V for each category A disease
- Derogations from the establishment of the restricted zone: the CA may decide not to establish the restricted zone when the outbreak is confirmed in:
  - (a) establishments keeping animals referred to Article 13(2);
  - (b) hatcheries;
  - (c) food and feed businesses, border control posts, animal by-products establishments;
  - (d) means of transport;
  - (e) locations where assembly operations or temporal exhibition or veterinary assistance of animals take place; and
  - (f) any other location which is not an establishment.



- Inventory of establishments
- Possibility of preventive killing or slaughtering
- Rules for the movement of ABP, including certification requirements
- Conditions for transit through the RZ

# Derogations to the measures



- The competent authority may grant derogations from ALL the measures to be applied in restricted zones, to the extent necessary and after carrying out a risk assessment:
  - in the further restricted zones referred to in Article 21(1) (c);
  - in the case that the competent authority decides to establish a restricted zone when an outbreak of a category A disease occurs in establishments and locations referred to in Article 21(3);
  - in the case that the outbreak occurs in an establishment keeping up to 50 captive birds; or
  - in establishments and locations referred to in Article 21(3) located in a restricted zone.



25. Measures to be applied in establishments in the PZ

26. Visits by OV in the establishments in the PZ

27. Prohibitions in the PZ

28. General conditions to grant derogations from prohibitions

29 to 37. Specific conditions to authorise certain movements

38. Measures to apply in food and feed businesses, ABP establishments, BCP, etc

39. Duration of the measures in the PZ



- All establishments located in the PZ keeping animals of listed species shall be visited by an official veterinarian
- When the radius of the protection zone is larger than 3 km (RVF, LSD, AHS), the competent authority may decide to require not the visit to all the establishments but the visit of a representative number of those establishments in accordance



# Prohibitions in the PZ



- Conditions to be fulfilled to authorise movements of animals kept inside the PZ to a slaughterhouse

## General conditions (Art 25)

- Risk assessment
- Clinical examination & sampling
- Designated route
- Designated establishment of destination

## Means of transport and transport operations (Article 26)

- Constructed and maintained to avoid any leakage
- C&D before and after
- Control of insects and rodents, if relevant
- Biosecurity measures during all transport operations

## Specific conditions (Article 28.1 and 28.2)

- Location of the slaughterhouse
- Sealing of the means of transport
- Obligations of the CA in the slaughterhouse

# Prohibitions in the PZ



- Conditions to be fulfilled to authorise movements of fresh meat obtained from ungulates kept in the PZ

## General conditions (Art. 25)

- Risk assessment
- Visit by OV in the establishment of origin
- No suspicion
- Designated route
- Designated establishment of destination
- Separated during the production process, storage and transport from products not eligible to be moved outside the PZ
- Marked according to the HP as eligible to be moved outside the PZ

## Means of transport and transport operations (Art. 26)

- Constructed and maintained to avoid any leakage
- C&D before and after
- Control of insects and rodents, if relevant
- Biosecurity measures during all transport operations

## Specific conditions (Art. 32)

- The destination must be a processing establishment where it will undergo a treatment (Article 33.1.a)
- Marked according point 2 of Annex VIII (Article 33.2.a)
- Transport carried out in sealed containers
- Situation of the processing establishment
- Supervision of the processing establishment



40. Measures to be applied in establishments in the SZ

41. Visits by OV in the establishments in the SZ

42. Prohibitions in the SZ

43. General conditions to grant derogations from prohibitions

44 to 53 . Specific conditions to authorize certain movements

54. Measures to apply in food and feed businesses, ABP establishments, BCP, etc

55. Duration of the measures in the SZ

56. Derogations from prohibitions of movements within the restricted zone





- The competent authority is given more flexibility to grant derogations and the requirements are less strict for the movement of animals and products from the SZ.
  - Article 45(2) provides for a new possibility:
  - The competent authority may, after carrying out a risk assessment, authorise the movement of kept animals of listed species of ungulates to an establishment belonging to the same supply chain, located in or outside the surveillance zone, to complete the production cycle before slaughter. If the establishment of destination is located outside the surveillance zone, the competent authority shall apply in that establishment the measures provided for in Articles 40, Article 41 and Article 42 as long as the disease control measures in the surveillance zone of origin are maintained as provided for in Article 55.



- Regulation (EU) 2020/687 Annex X

<b>Category A diseases</b>	<b>Minimum period of duration of measures in the protection zone (Article 39(1))</b>	<b>Additional period of duration of surveillance measures in the protection zone (Article 39(3))</b>
Foot and mouth disease	15 days	15 days
Highly pathogenic avian influenza	21 days	9 days



57. Conditions to authorise the repopulation

58. Derogation from requirement related to time for food businesses, assembly centres, BCP, etc.

59. Requirements for the repopulation of establishments with kept listed diseases

60. Additional requirements for repopulation

61. End of the repopulation and end of the restriction measures in the affected establishment



- Repopulation of establishments in restricted zones
- Final cleaning and disinfection
- Monitoring period
- Exception:
  - Pastures
  - Cleaning and disinfection not completed
  - Food and feed business, assembly centres, BCP, ABP establishments or any other location (24 hours)



62. Measures in the event of suspicion in wild animals of listed species

63. Measures in the event of confirmation of a category A disease in wild animals of listed species

64. Measures to be applied in the infected zone

65. Additional measures to apply in the infected zone

66. Operational expert group

67. Duration of measures in the infected zone

# Measures in wild animals



- Suspicion
  - Investigation (post-mortem examinations of dead and shot animals)
- Confirmation
- The CA MAY establish an **infected zone** where:
  - Reinforced biosecurity measures are implemented
  - Movements of wild animals and PAO thereof are prohibited
  - ABP are disposed or processed in accordance with R 1069/2009
  - Additional measures (optional): regulation of movements of kept animals, hunting activities, restrictions to feeding of animals, eradication plan
- **Operational expert group**
- Duration of the measures depending on the evolution of the epidemiological situation



Suspicion

Confirmation

Establishment of restricted zone

Measures in the protection zone

Measures in the surveillance zone

Measures in wild aquatic animals



- Commission Delegated Regulation (EU) 2020/2154 as regards animal health, certification and notification requirements for movements within the Union of products of animal origin from terrestrial animals
- Supplementing Articles 166, 168 and 169 of the AHL
- Obligations on operators for movements within the Union of consignments
  - Information requirements for the animal health certificate provided for in Article 167(1) of Regulation (EU) 2016/429 (animal health certification);
  - Information requirements for the advance notification of movements of those consignments to other Member States, provided for in Article 169(1) of Regulation (EU) 2016/429 (advance notification);
  - Emergency procedures for the advance notification of movements of those consignments, provided for in Article 169(1) of Regulation (EU) 2016/429, in the event of power cuts and other disturbances of Traces





Project e-mail: [foodsafetyprojectTCc@gmail.com](mailto:foodsafetyprojectTCc@gmail.com)

# THANK YOU FOR YOUR ATTENTION



*Project funded by the European Union Aid Programme for the Turkish Cypriot community,  
implemented by NSF Euro Consultants Consortium*