



Biosecurity measures on holding

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Content of the presentation

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- Definition
- Risk factors
- Basic principles
- Biosecurity measures

- Not in national legislation
- OIE on poultry
- EU Regulation 2016/429 on transmissible animal diseases and amending and repealing certain acts in the area of animal health (**'Animal Health Law'**) (57)

'biosecurity' means the sum of management and physical measures designed to reduce the risk of the introduction, development and spread of diseases to, from and within:

- (a) an animal population, or
- (b) an establishment, zone, compartment, means of transport or any other facilities, premises or location;

- Livestock (movement, dead animals, excretions)
- People (visits, contacts, personnel, hygiene)
- Vehicle and equipment (supply, production)
- Feed and water (raw, spoilage, contamination, drainage)
- Pests and weed (wild, feral, rodents, insects)
- Air (aerosol, dust)

Segregate Clean Disinfect

- Proximity of other farms
- Proximity of roads
- Proximity of arable land
- Drainage and underground water
- Wind direction
- Material easy to clean and disinfect
- Fenced and closed area
- Restriction of movement

Segregation

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- Open/free zone
- Storage zone
- Production zone
- Clean/unclean part

Measures in free zone

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- Clean footwear
- Clean clothing
- Enhanced measures if there is a risk

- Access of animals
 - Pest control
 - Pets
 - Birds
 - Insects (vectors)
- All storage facilities must be closed and secured
- Clean footwear and clothing

- Environment
 - Trees, weeds, fruits
 - Fomites, waste
 - Drainage
- Training of personnel
 - Written document,
 - Procedures, SOPs
 - **Why?**
- Restricted entrance, visible segregations form other parts

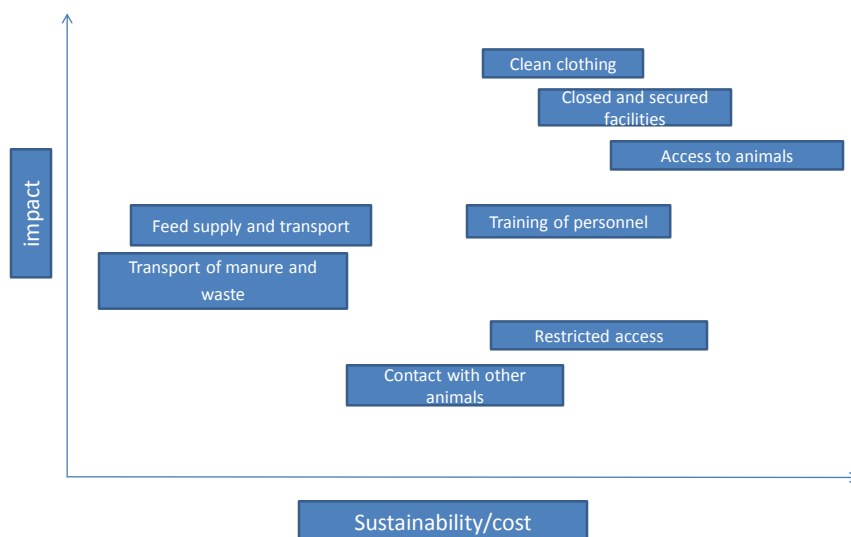
Measures in the storage zone

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- Previous contacts with animals
- Transport of feed and beddings
 - Dedicated restricted area
 - On the perimeter of the farm
 - Restricted area
 - Area for cleaning and disinfection of the vehicles and personnel hygiene
 - Way of supply and frequency
- Proper cleaning and disinfection

Measures in the storage zone

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Measures in production zone

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- Separated for other zones
- Separation of animals by species or categories
- Restricted area
- Animal movement
- Hygiene
 - Clothing, footwear, cleaning and disinfecting
 - Restricted entrance, visible segregations form other parts

Measures in production zone

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- Direct contact with other animals (wild or feral)
 - Closed area
 - Regular check of the fence
- Clean water for animals
- All in - all out
- Transport of dead animals, manure, products

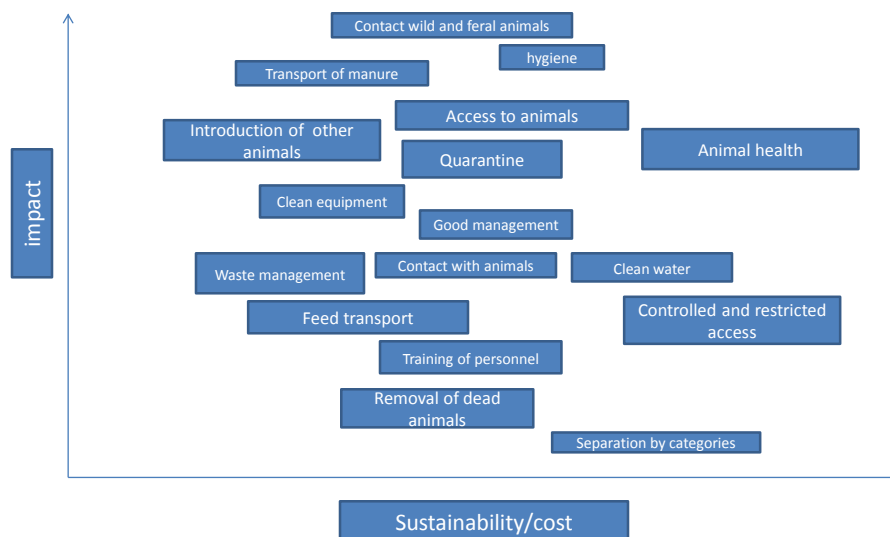
Measures in production zone

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- Introduction of new animals (from trusted sources)
- Quarantine facility
- Contact with other animals
- Cleaning and disinfection of equipment
- Feeding and feed supply
- Transport and removal of bedding
- Animal health (VS, reporting, prevention)
- Written document
 - SOP
 - Training

Measures in production zone

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Questions
Thanks for your attention