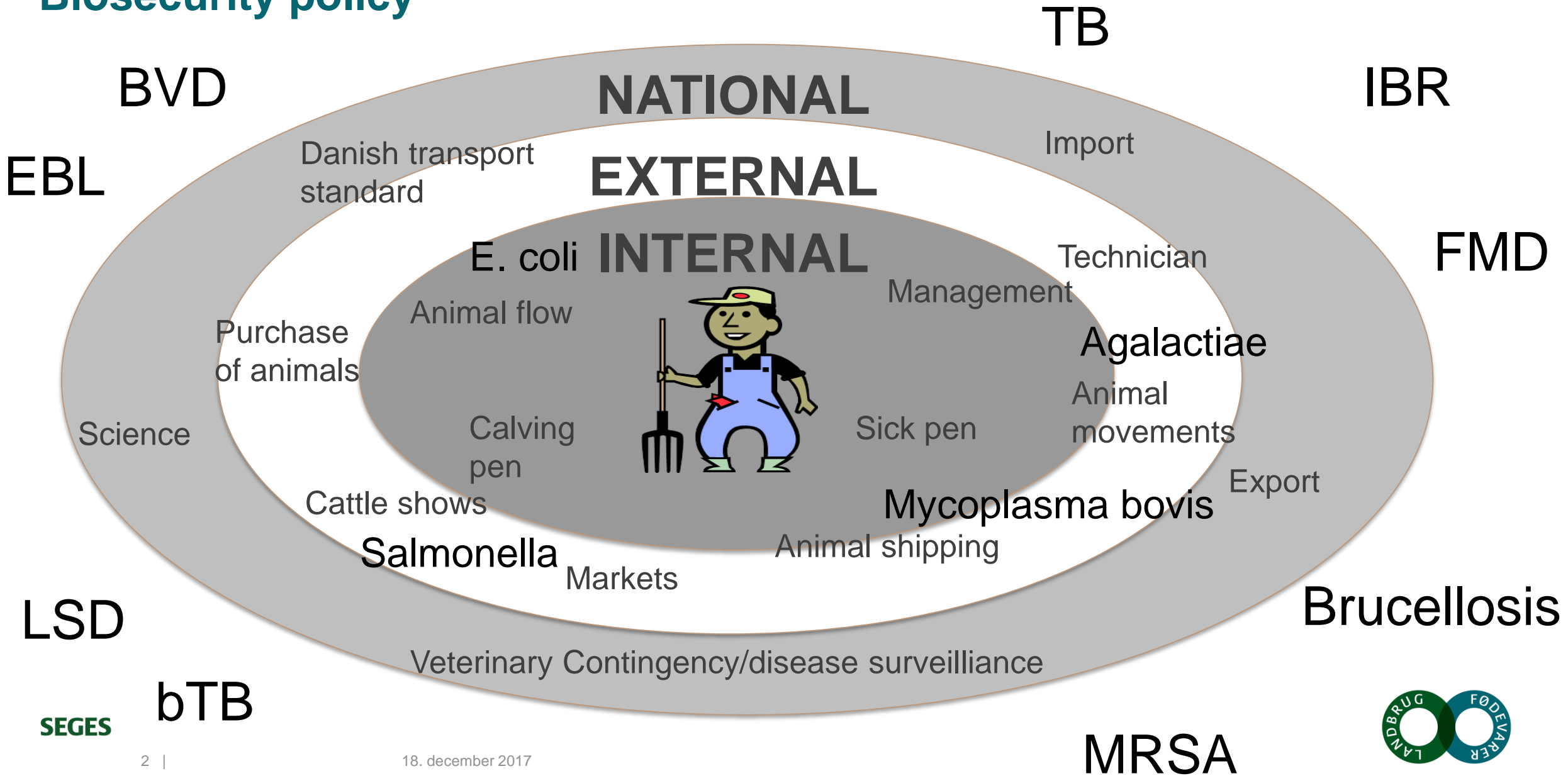


# Biosecurity and Disease control

Lars Pedersen, DVM, senior specialist

# Principles of Danish Agriculture and Food Council Cattles

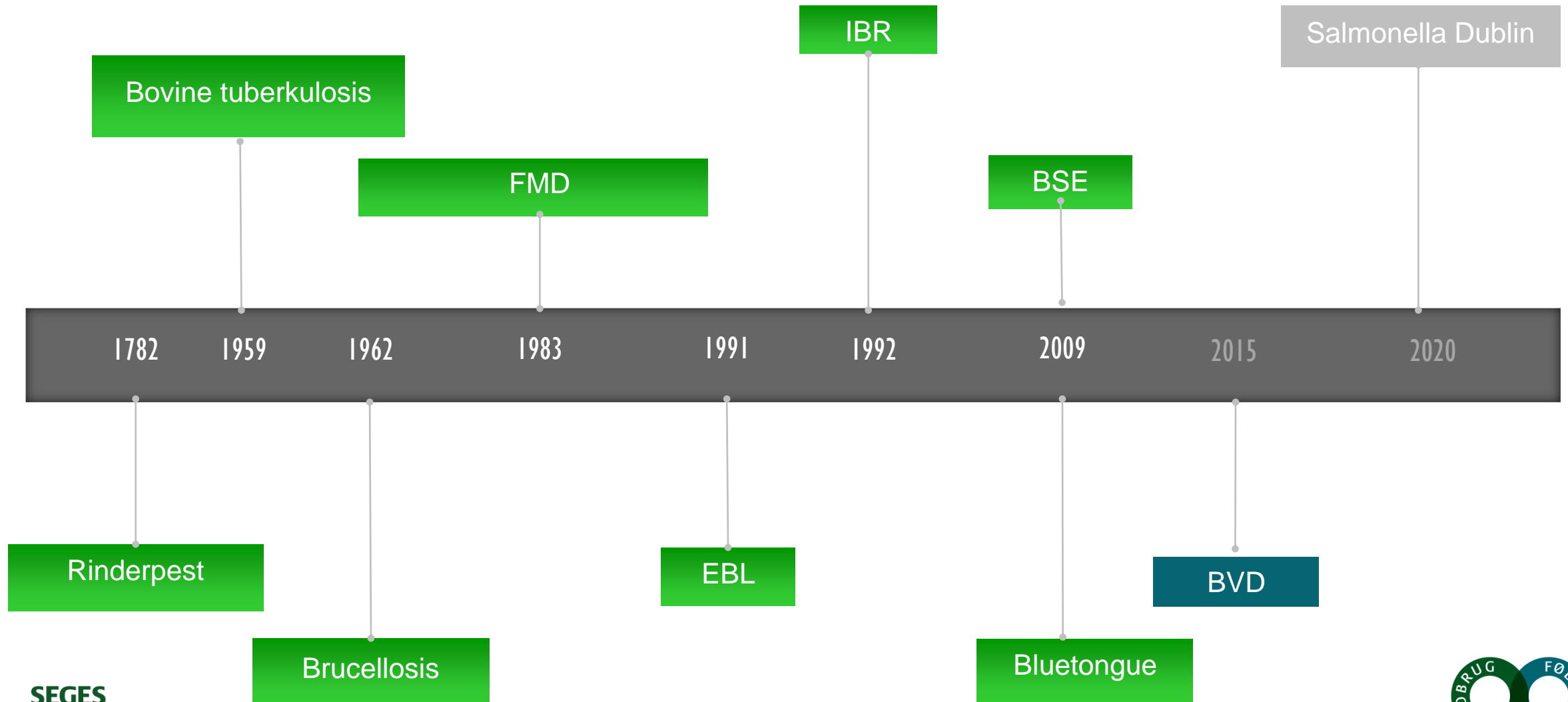
## Biosecurity policy



# General objectives

- Ensure healthy and clean foods
- Ensure a healthy and sustainable livestock production in terms of good animal welfare
- Maintain the high Danish veterinary level

# Eradication programs Denmark



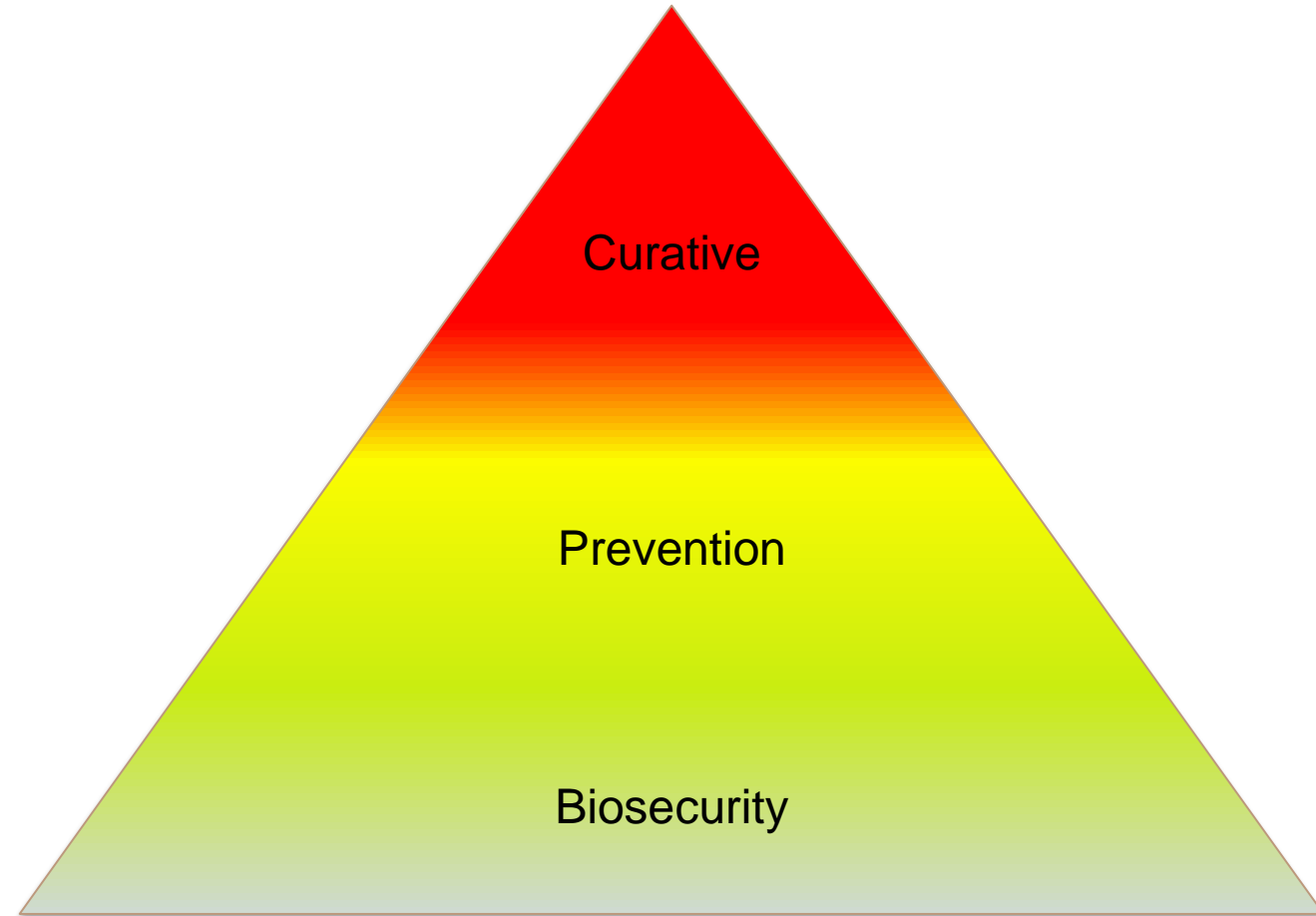
SEGES



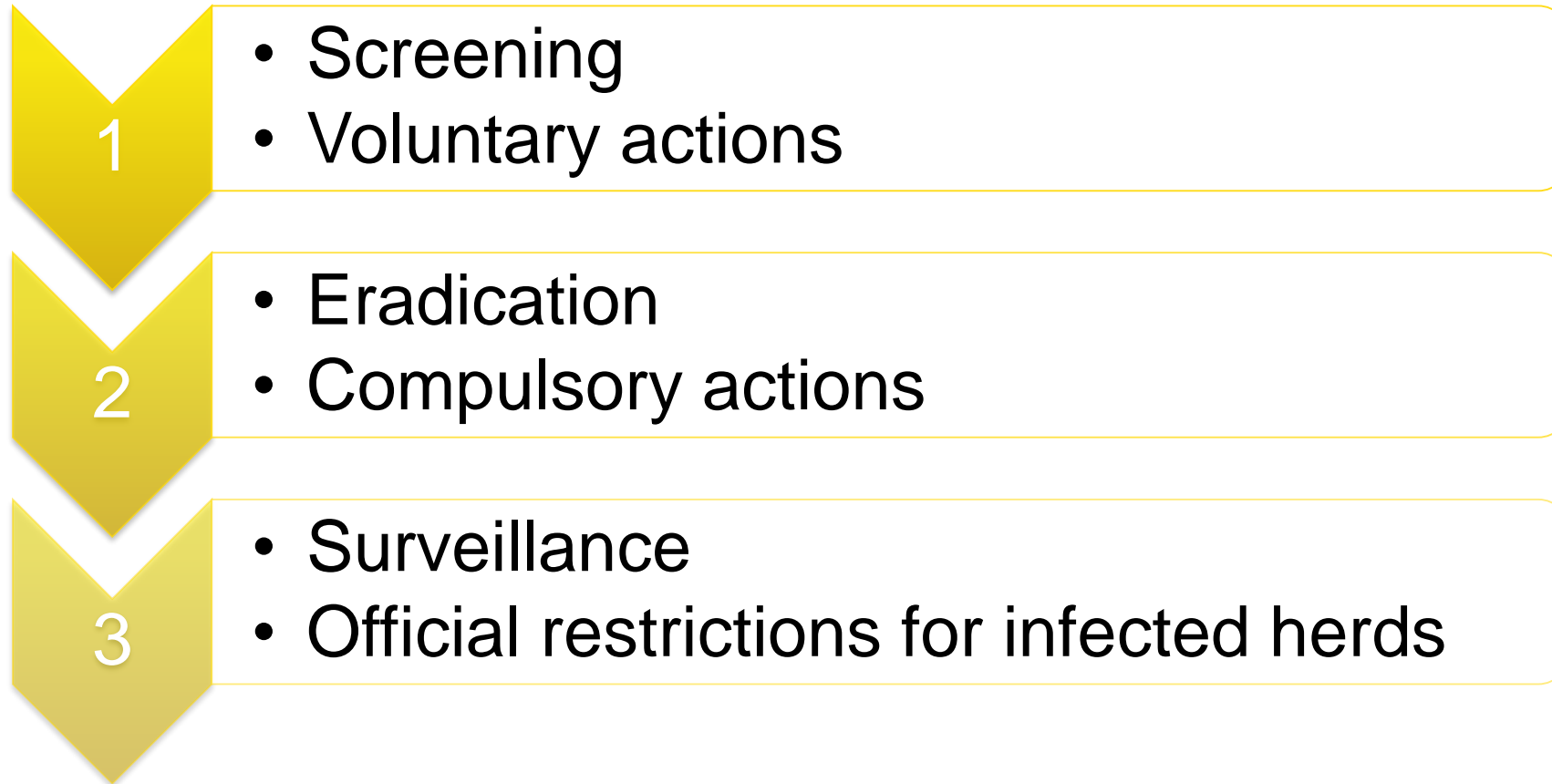
# BioSecurity - the base of any disease control program

*"The greatest advances in dairy health in the last 25 years have been the shifts to disease prevention, rather than treatment, as well as from focus on individual animals to groups and herd".*

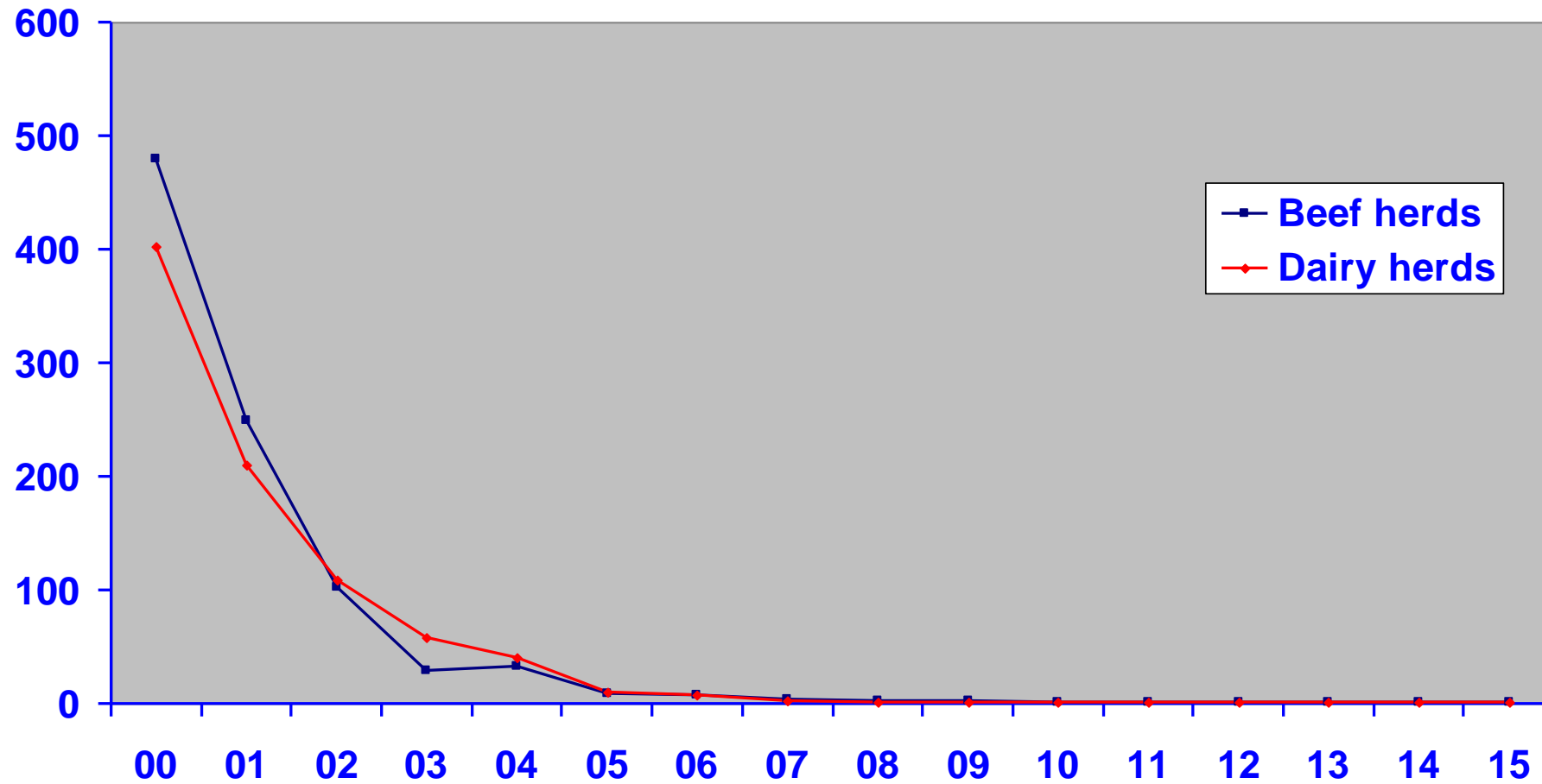
LeBlance et al., 2006



# Eradication of infectious diseases i Denmark – approach



# BVD eradication and control in DK



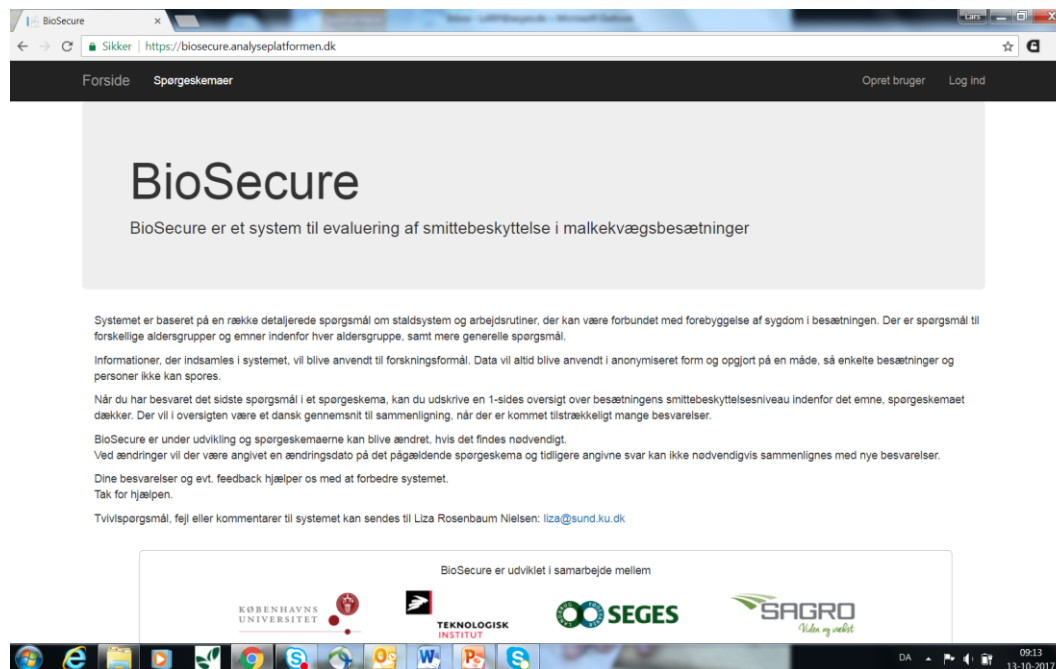
# Surveillance programs in Danish cattle herds

## Cattle diseases

- Infectious Bovine Rhinotracheitis (IBR)
  - Bovine Virus Diarrhea (BVD)
  - Salmonella Dublin
  - Streptococcus agalactia
  - Enzootic Bovine Leucosis (EBL)
  - *Bovine Tuberculosis*
  - *BSE*
  - *Bluetongue*
  - *Bovine Brucellosis*
- 
- Bulk tank milk,  
slaughter blood sample,  
abortion material
- Meat inspection
- Culled animals
- Trapment of midges
- Abortion material



# Project BioSecure – Web-based risk scoring tool to evaluate the quality of herd biosecurity



# Example of the questions

Which of these images look like your calving facility, when filled to maximum capacity?



1



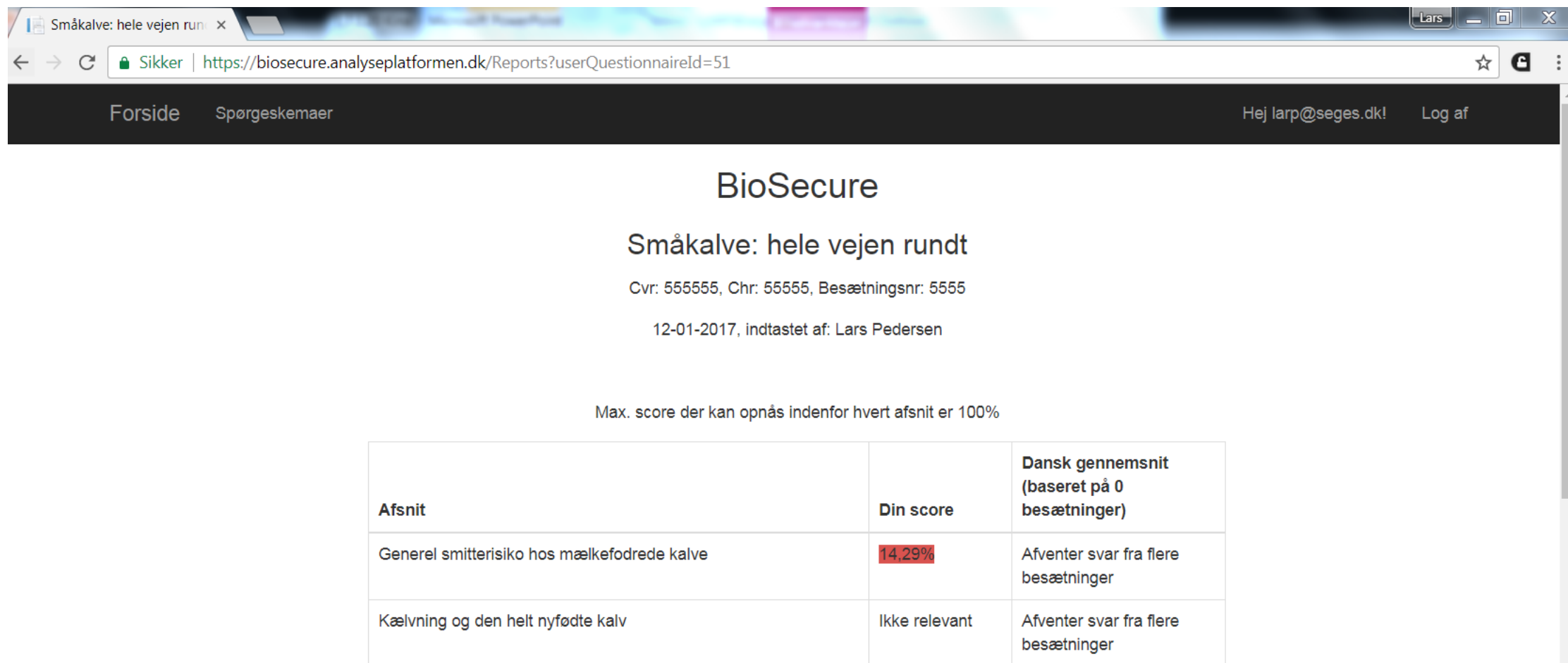
2



3



# Report – risk assessment



The screenshot shows a web browser window with the URL <https://biosecure.analyseplatformen.dk/Reports?userQuestionnaireId=51>. The page title is "BioSecure" and the report title is "Småkalve: hele vejen rundt". The user is identified as "Lars" and the email is "Hej larp@seges.dk!". The report was created on "12-01-2017" by "Lars Pedersen". A note states "Max. score der kan opnås indenfor hvert afsnit er 100%". A table displays the results for two sections: "Generel smitterisiko hos mælkefodrede kalve" with a score of 14,29% and "Kælvning og den helt nyfødte kalv" which is marked as "Ikke relevant".

Afsnit	Din score	Dansk gennemsnit (baseret på 0 besætninger)
Generel smitterisiko hos mælkefodrede kalve	14,29%	Afventer svar fra flere besætninger
Kælvning og den helt nyfødte kalv	Ikke relevant	Afventer svar fra flere besætninger

# Coffee-break: Best Practice Manual

