

Danish pig production 2023

- 2,100 farm units with pigs
- 1 million sows → 30 million pigs
 - 14.5 million slaughtered in Denmark
 - 14.7 million pigs exported at 30 kg



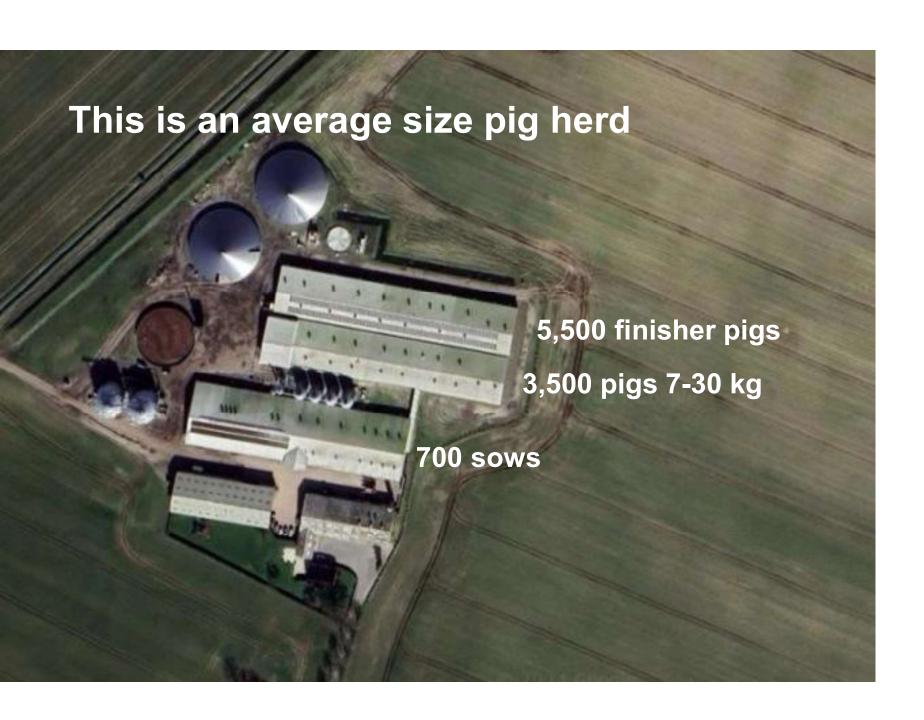


Danish Agriculture & Food Council

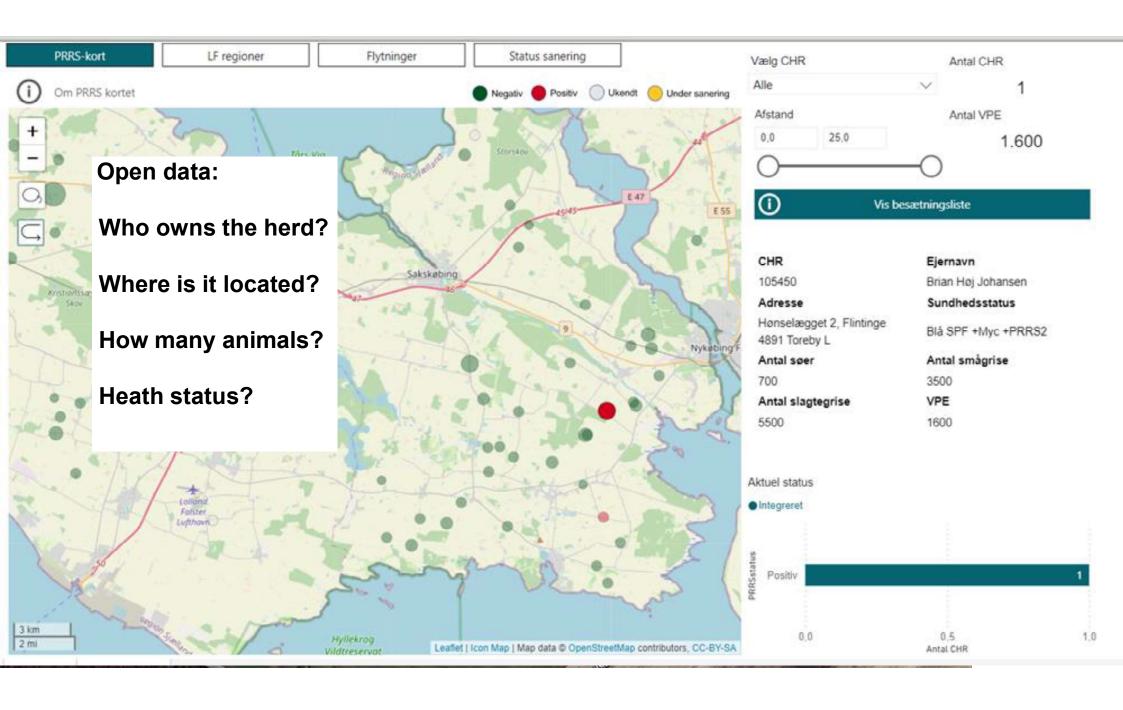












Biosecurity





Definition

Biosecurity: All procedures used to prevent the introduction and spread of disease.

Prevent the entry of disease

Control the spread of disease





Biosecurity in the pig production

Prevent the entry of disease

- Notifiable diseases
- Pig diseases with big losses
- Specific Pathogen Free

Control the spread of disease

- Pig diseases
- Balance against cost of control



Notifiable diseases – Danish Veterinary and Food Administration

- Porcine Reproductive and Respiratory Syndrome PRRS
- African Swine Fever ASF (never reported)
- Swine Vesicular Disease SVD
- Foot and Mouth Disease (not since 1983)
- Aujeszky's Disease (not since 1991)
- Classical Swine Fever CSF (not since 1933)



Table 13: Serum samples from pigs examined under the Danis	h classical swine
fever surveillance programme, 2019-2021	

Samples
31,940
26,090
30,080

ource: Statens Serum Institut (SSI) and other official laboratories in the EU, 2021.

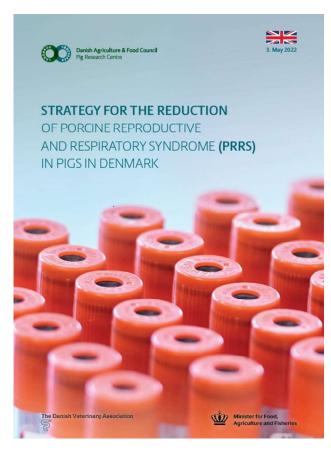
Notifiable diseases – Danish Veterinary and Food Administration

Porcine Reproductive and Respiratory Syndrome PRRS – reduction plan since

2022

African Swine Fever ASF (never reported)



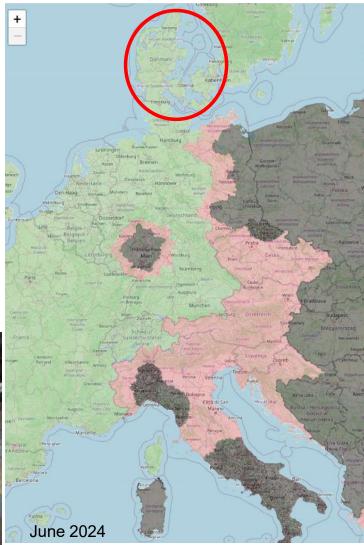


Cleaning & downtime for trucks

DANISH Transport standard summarizes
 the requirements for the cleaning and disinfection
 of vehicles coming from abroad with the aim of
 preventing outbreak of diseases such as
 Swine fever and foot-and-mouth disease in Denmark









SPF Specific Pathogen Free

Mycoplasma pneumonia
Actinobacillus pleuropneumonia
Swine dysentery
Pasteurella multocida toxin prod.

Mange

Lice

PRRS Porcine Reproductive and Respiratory Syndrome

80% of all sows in Denmark are in herds with SPF status

The system is voluntary and paid by the farmers

Yearly control



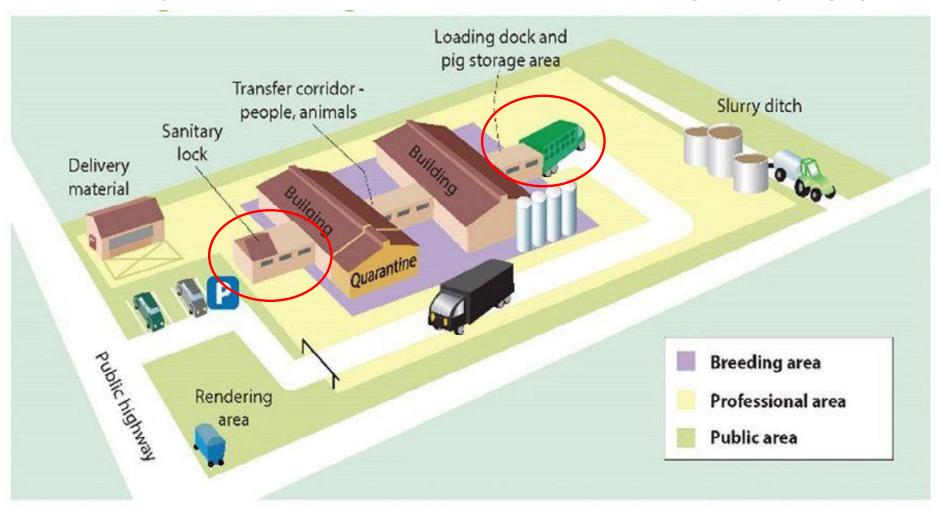
https://spfsus.dk/







Biosecurity to prevent introduction of pathogens (bugs)





The zoonotic infection protection plan

All production herds are obliged to make a zoonotic infection plan

All access to the herd takes place via the front room.

Here you change clothes, footwear and wash and disinfect your hands.

We recommend that you keep the door to the front room locked.

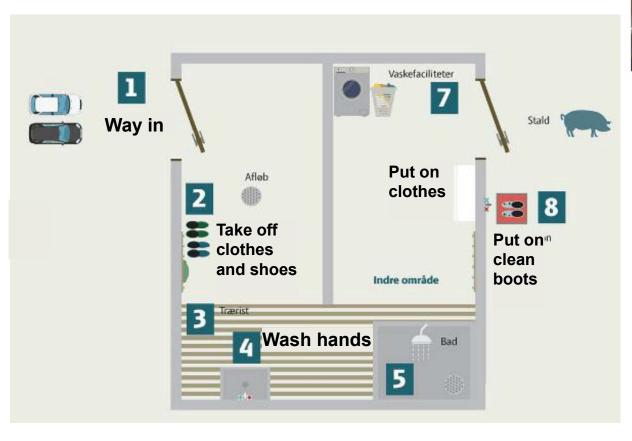
The front room is divided into an outer area where outerwear and footwear are placed, and an inner area where stable clothes and stable boots are used.

On the door is a sign with the herd's status, name and telephone number of the owner, as well as stating that a zoonotic infection protection plan is in place that everyone must read.

The zoonotic infection protection plan is placed inside the door.



Danish entry / Sanitary lock





Two Zone Danish Entry and Exit for Poultry Barns





Loading dock facilities – no access for truck driver





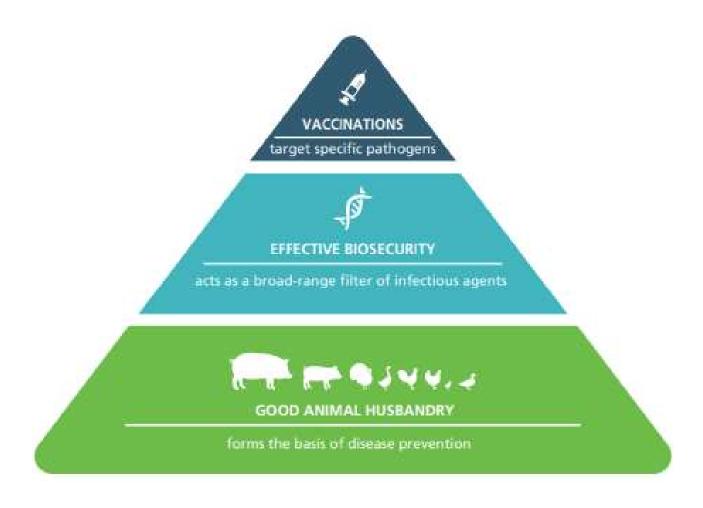








Biosecurity – control of the spread of disease





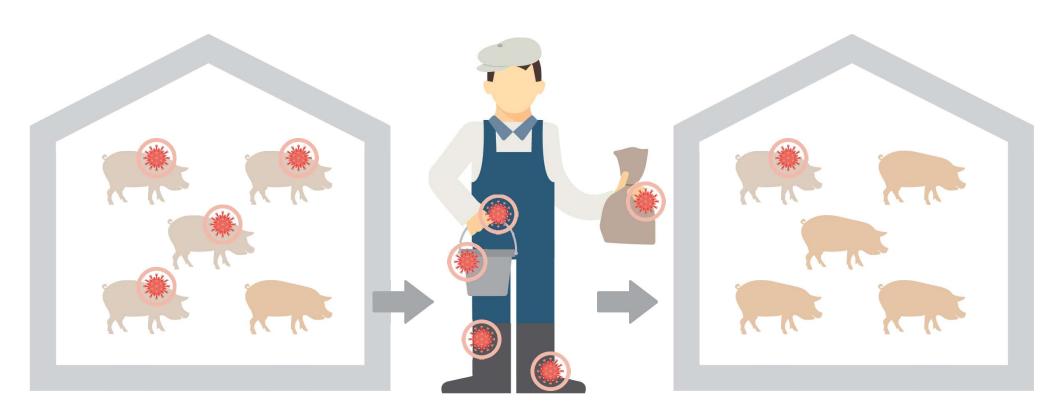
Control the spread of disease within the herd

- Restrict moving of pigs
- Staff hygiene clothes, boots, hands
- Separate utilities
- No re-use of needles
- Feed hygiene
- Rodent control
- Bird control
- No pets





If you do not clean your hands and change clothes and boots



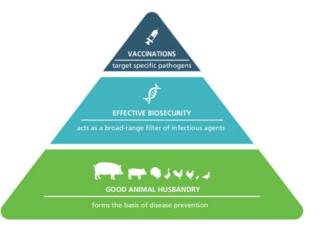
PRRS virus spread to healthy pigs after 2 days



Inside a pig herd









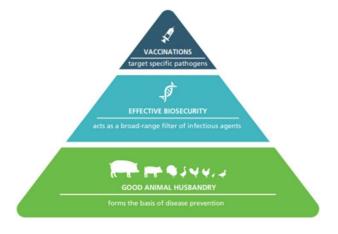




Feed, water and climate









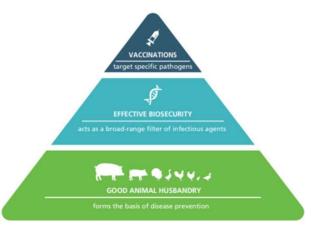




Vaccination and antibiotic treatments to control disease













Free on-line courses for staff









Opdræt polte

Poltene skal opdrættes på den rigtige måde for at blive til gode søer, der både producerer mange kuld med store grise og har en høj mælkeydelse.





PRRS

PRRS er en smitsom virus-infektion i luftvejssystemet, der kan ramme alle grise.

O DKK 0,00



Smittebeskyttelse

Lær at undgå at få smitte ind og ud af besætningen, samt at holde influenza ude af besætningen.

O DKK 0,00



Soens og grisens cyklus

Arbejdet i stalden struktureres ud fra soens og grisens cyklus.

O DKK 0,00



Tandslibning

I dette kursus vil du lære om, hvorfor grise skal have slebet deres tænder, og hvordan det gøres.

O DKK 0,00



Tilsyn af drægtige søer - elektronisk sofodring

I dette kursus lærer du at føre korrekt tilsyn af drægtige søer, så de trives og præsterer som forventet.

OKK 0,00



Tilsyn af drægtige søer - gulvfodring

I dette kursus lærer du at føre korrekt tilsyn af drægtige søer, så de trives og præsterer som forventet.

O DKK 0,00



Tilsyn af drægtige søer - vådfodring i langkrybbe

I dette kursus lærer du at føre korrekt tilsyn af drægtige søer, så de trives og præsterer som forventet.

O DKK 0,00



Tilsyn af drægtige søer - ædebokse

I dette kursus lærer du at føre korrekt tilsyn af drægtige søer, så de trives og præsterer som forventet.

O DKK 0,00



Tilsyn af slagtegrise - tørfodring

I dette kursus lærer du at føre korrekt tilsyn af slagtegrise, så de trives og præsterer som forventet.

O DKK 0,00



Tilsyn af slagtegrise - vådfodring

I dette kursus lærer du at føre korrekt tilsyn af slagtegrise, så de trives og



Tilsyn af smågrise

I dette kursus lærer du at føre korrekt tilsyn af smågrise, så de trives og



Tilsyn i farestalden

Du vil i dette kursus lære om de forskellige arbeidsrutiner, som indgår i

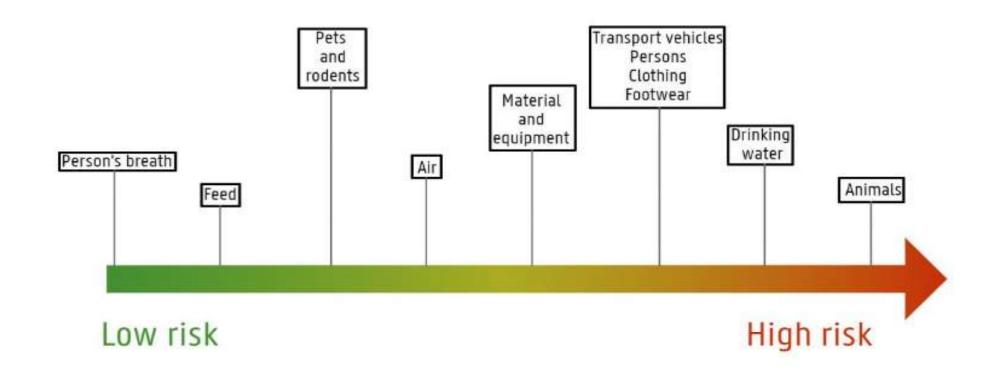


Vask af stalde

At gøre en stald klar til et nyt hold grise indeholder en række opgaver, som skal



What matters? - it depends on the bugs



External biosecurity

Biosecurity



Make biosecurity plans – and live by them..



