

# National PRRS reduction

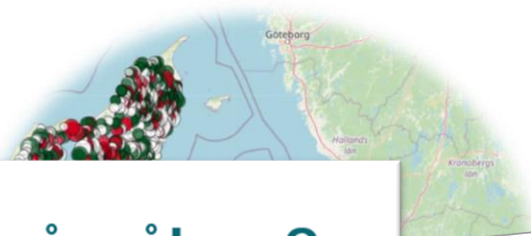
Nicolai Rosager Weber  
Project manager, Danish Agriculture & Food Council





# Where were we at last DVHS meeting?

CHR NUMRE MED GRISE  
NOVEMBER-22 (N=5044)



## Hvor stor er opgaven?

- Behov for at kende status på alle besætninger

reløbige forslag til

PRRS prævalens

er højde for lokale

prævalens

## Hvordan skal vi lykkes med opnå målene?

### Status og næste step

- Bekendtgørelse, godkendes når ny regering er på plads.  
Ikrafttræden primo 2023

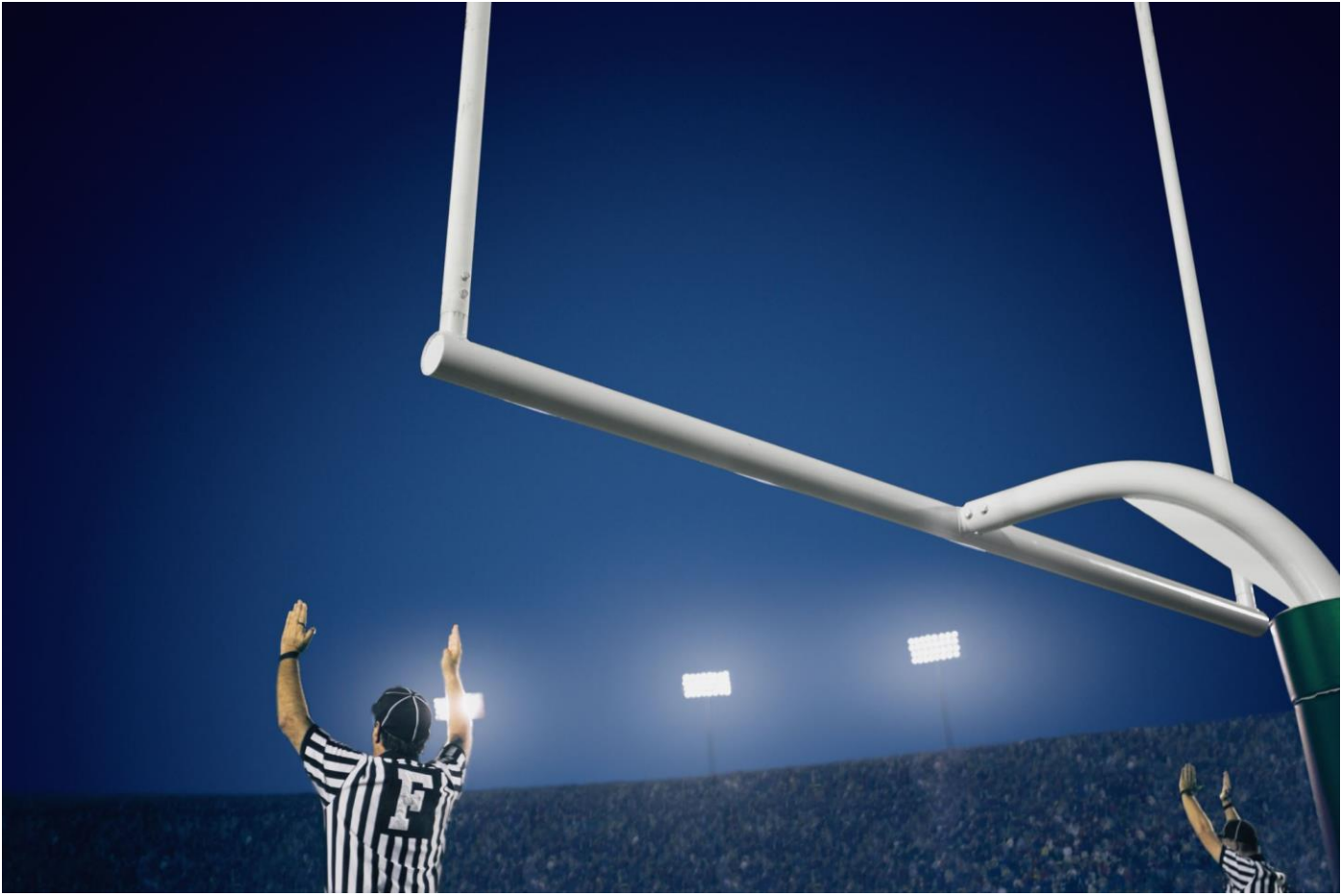
- Flytte fokus og beslutning
- Fælles fodslag i brancher
- Husk det er en plan udvikl  
producenter
- Åbenhed, tillid og ærlighed  
konsulenter
- Tålmodighed, forståelse og overbærenhed
  - Der kommer til at være mange bump men også mange sejre på vejen
- Den største veterinærfaglige udfordring i mands minde

**– Nu skal den danske dyrlægestand vise sit værd**





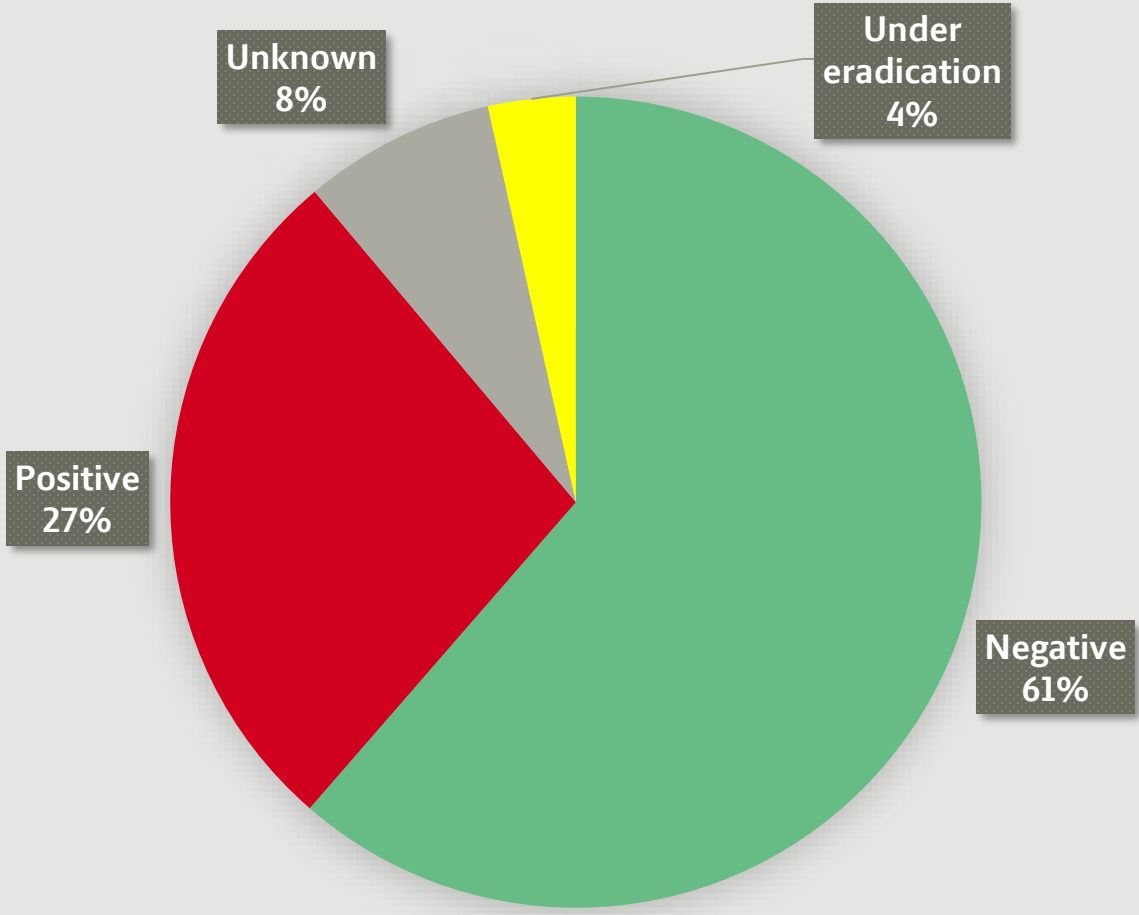
# What has been achieved since last DVHS meeting?





# PRRS declarations

November 2023



PRRS positive herds	#	%
Sow herds	284	27%
Nursery/finisher	874	28%
Integrated herds	64	20%





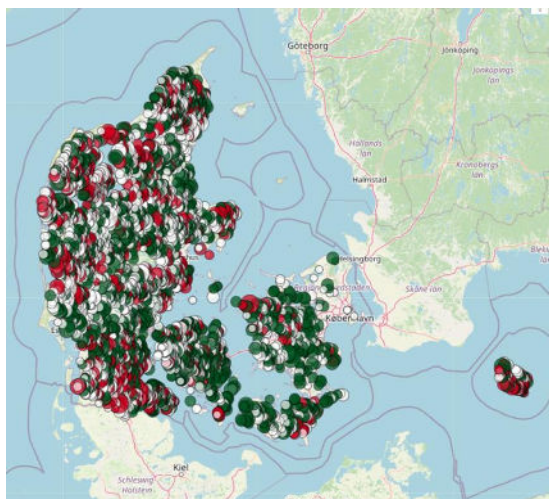
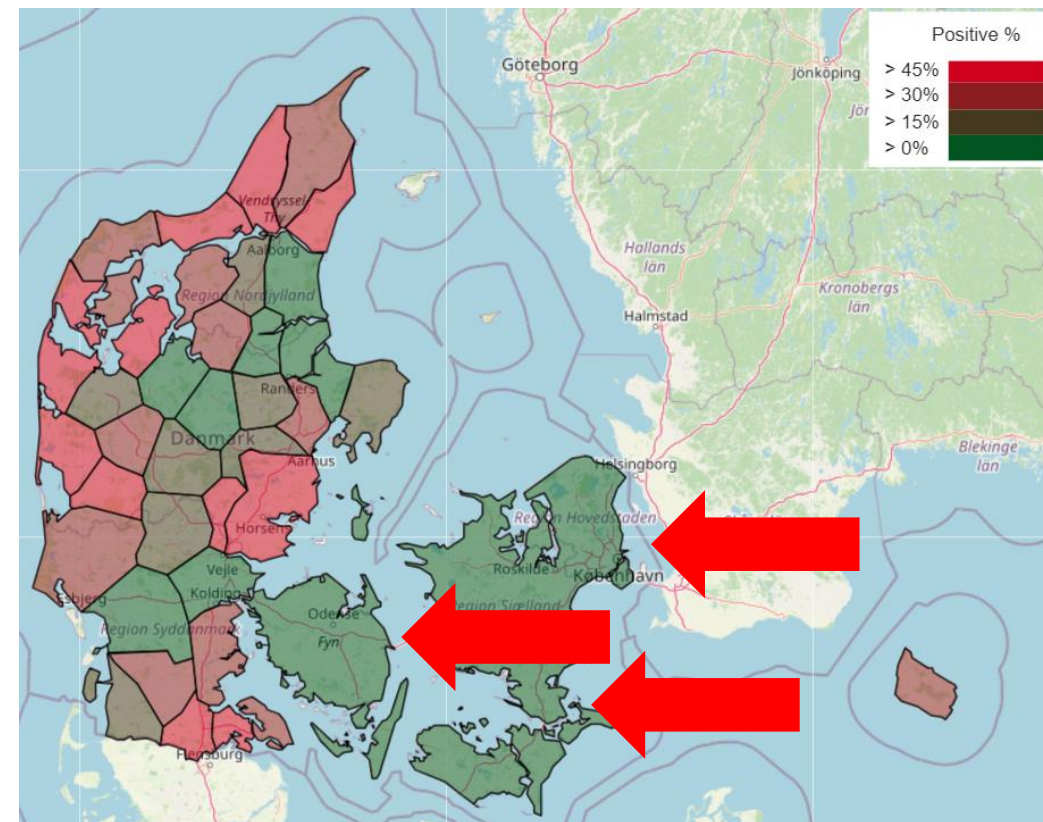
# Strategy for implementation of National PRRS reduction

## 1. Push PRRS out of low prevalent regions

- Eastern part of Denmark (Except Bornholm)

## 2. Establish PRRS eradication programs in high prevalent regions

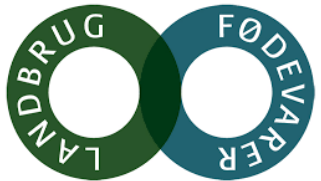
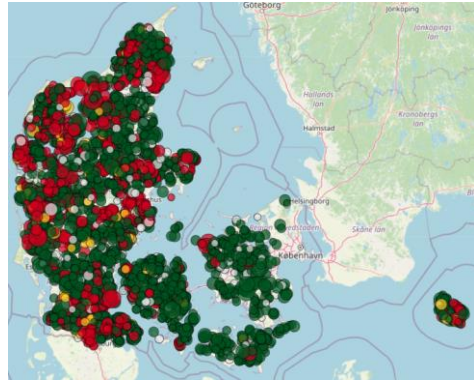
- Appointment of local PRRS leaders
- Financial model supported by the Pig Levy Fund



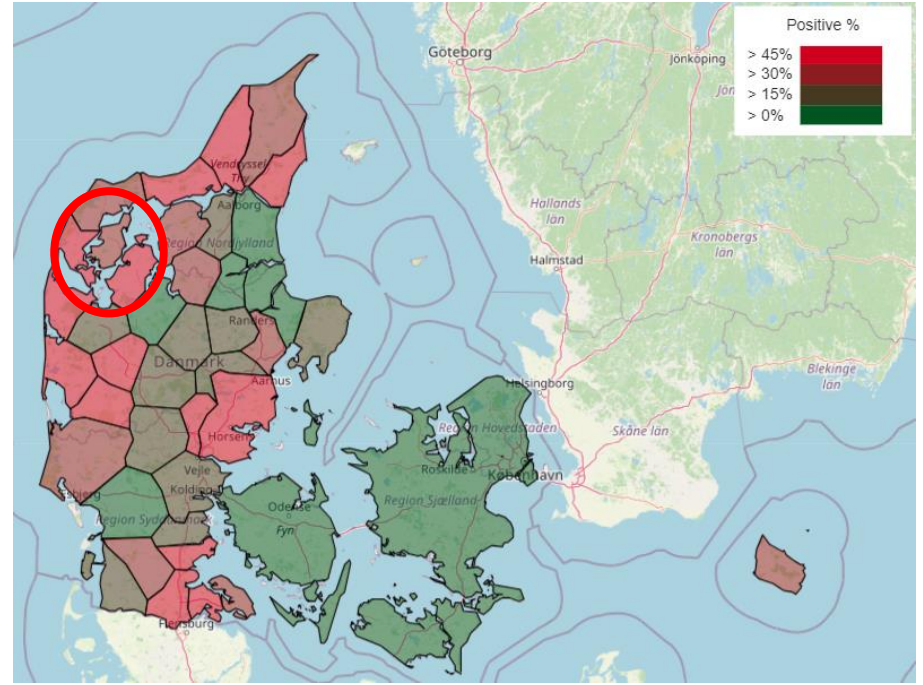


# Organisation

## National level

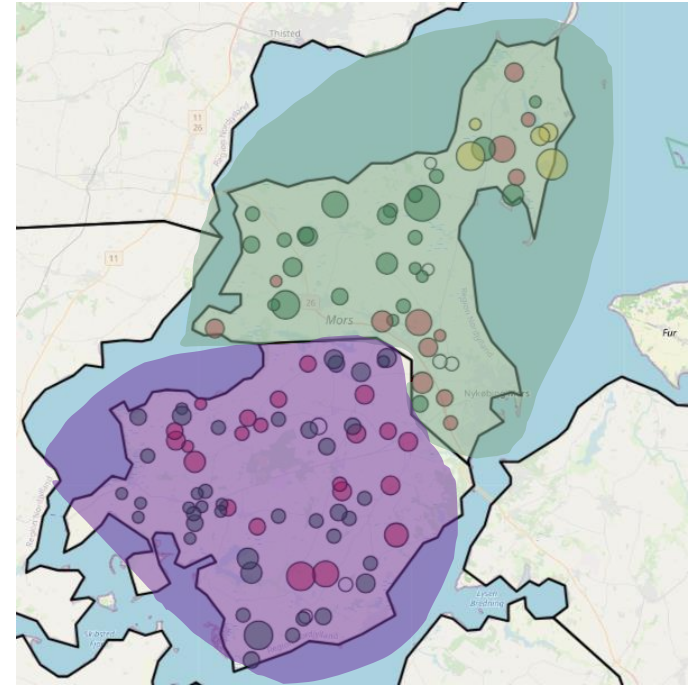


## Regional level

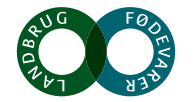
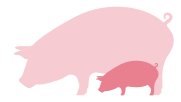


**Region Administrators**  
Pig consultants

## District level

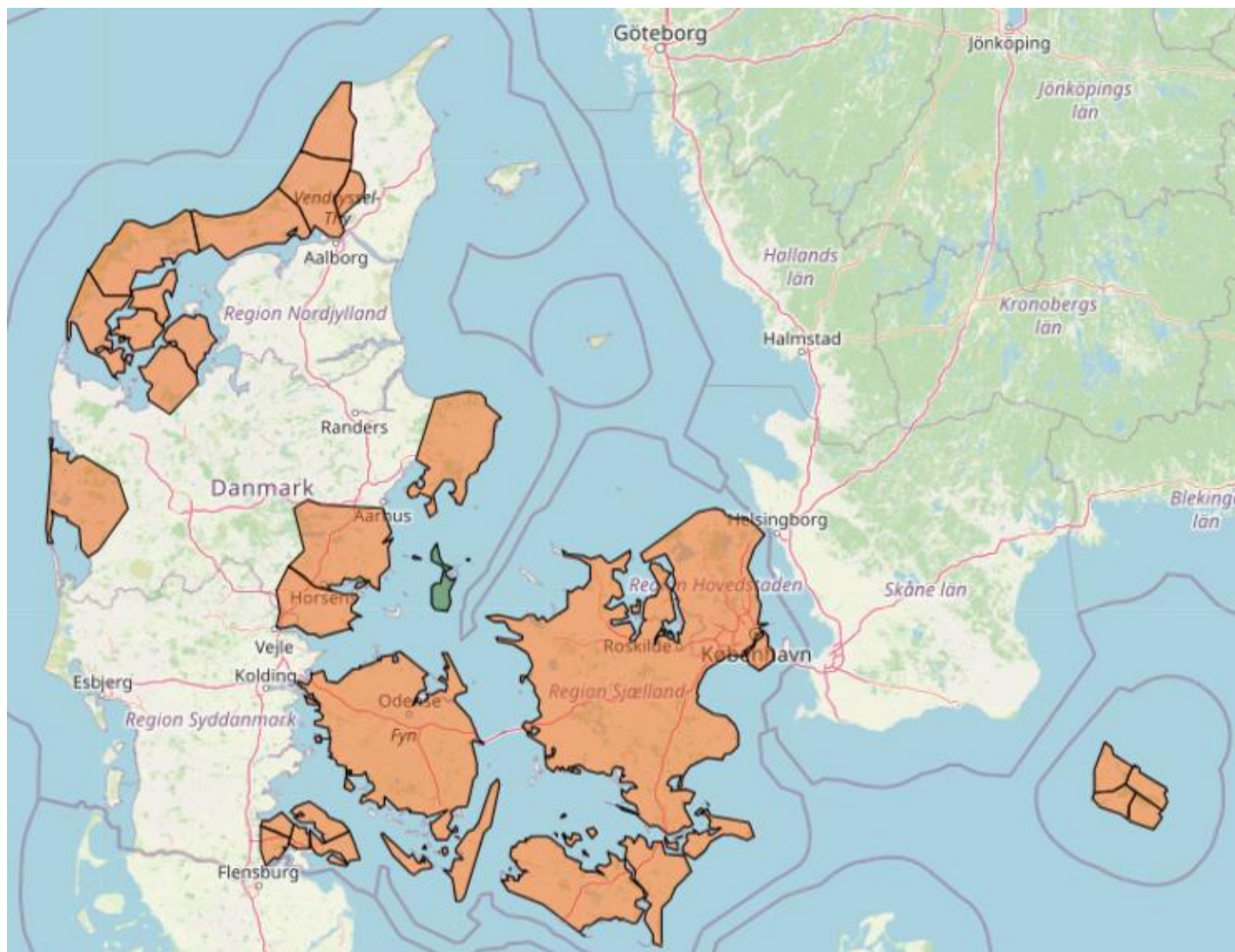


**District Coordinators**  
Pig practitioners





# Status – Regional eradication programs



**15 regions**  
**23 Eradication districts**

The selection of regions has been driven by local initiative

Includes more than half of the Danish pig production

**Local PRRS leadership**  
Partnership - Consultant & Practitioner





# Recommendations for PRRS control - Common guidelines at regional level

**New updated guidelines are being developed**

- Inclusion of other sample types than serum
- Sample size considerations
- To pool or not to pool?
- **Definition of Categori 2:**
  - **Diagnostic requirements**
  - **With or with use of MLV**

SPF-Sund status	PRRS Categori
Unknown	Unknown
Positive	Categori 1
	Categori 2
Under eradications	Categori 3
Negative	Categori 4

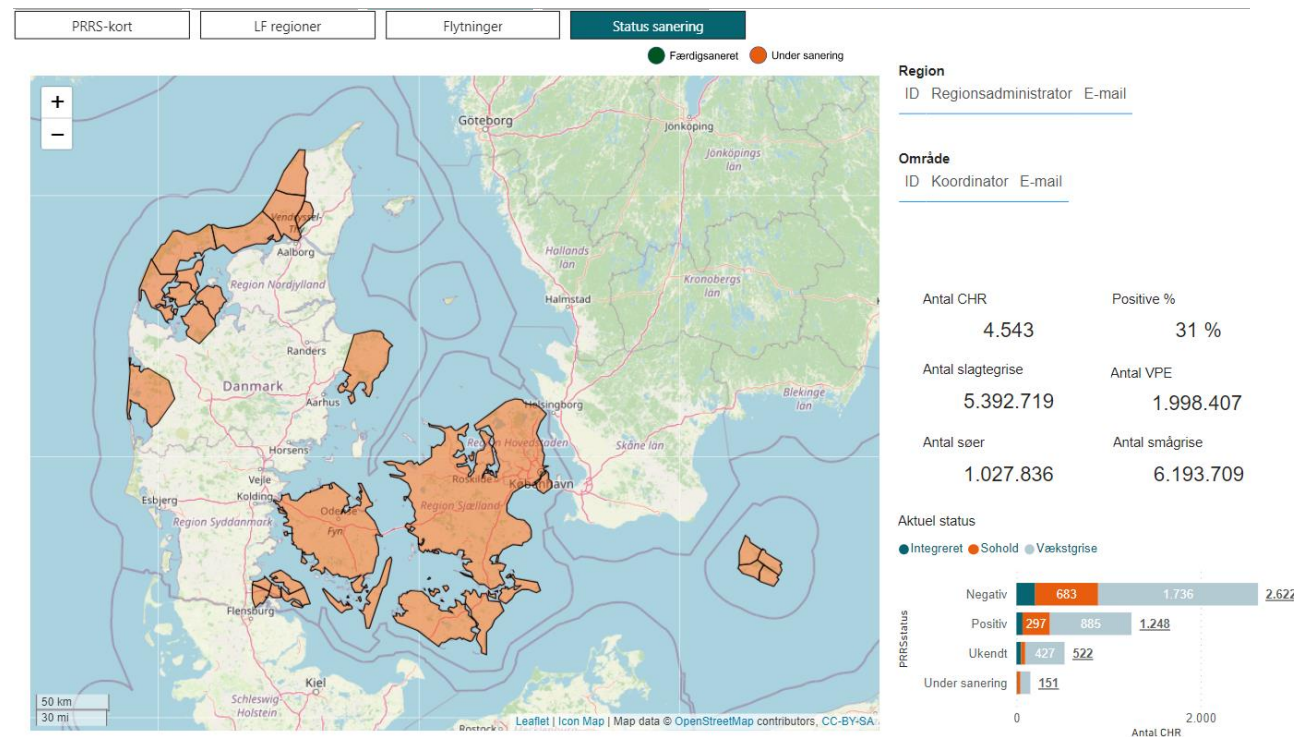






# Digital tools -PRRS-map

- Developed by SEGES Innovation & Digital
- Free of charge
- Several layers of maps
- Invaluable tool to gain overview when area eradications are planned
- It is unique that it can be made in Denmark

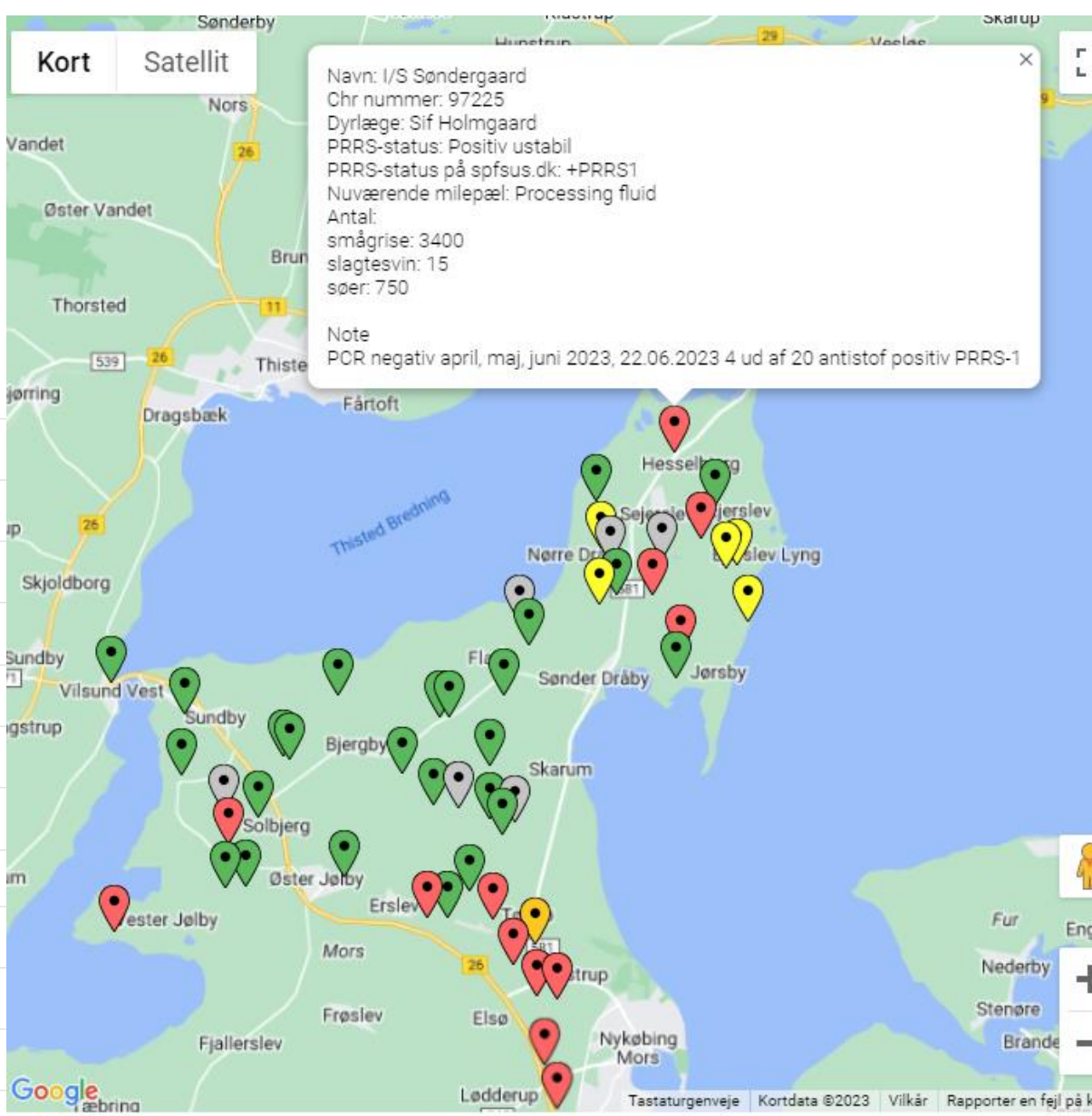


# Digital tools PRRS-overblik

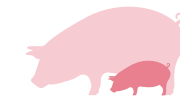
Danish  
**PRRS**  
REDUCTION



	I/S Søndergaard	97225 Skarrehagevej 4 Hesselbjerg
	I/S Søndergaard	39183 Søgårdsvej 33 Sejerslev
	Susanne Møller	39185 Hanstholmvej 2 Sejerslev
	He-Va Landbrug Aps	91142 Hanstholmvej 3 Nørre Dråby
	He-Va Landbrug Aps	39176 Nørre Dråbyvej 10 Nørre Draaby
	He-Va Landbrug Aps	78554 Strandvænget 75 Ø Hunderup
	Jesper Clausen (Iisbjerggaard)	39177 Nørre Dråbyvej 5 Nørre Draaby
	Jesper Clausen (Iisbjerggaard)	97223 Skærbækvej 7 Skærbæk
	Laurits Søren Bech Mehlsen	69601 Saltbækvej 34 Flade
	Ole Jacobsen	99575 Skt. Margrethes Vej 10 Flade
	Anders Dal Krog	39194 Strandvænget 30 Jørsby
	Henrik Nielsen	92471 Ejerslevvej 26 V Hunderup
	Henrik Nielsen	11697 Ejerslevvej 28 V Hunderup
	Jens Vigh Riis	70333 Sø Møllevj 3 Sejerslev

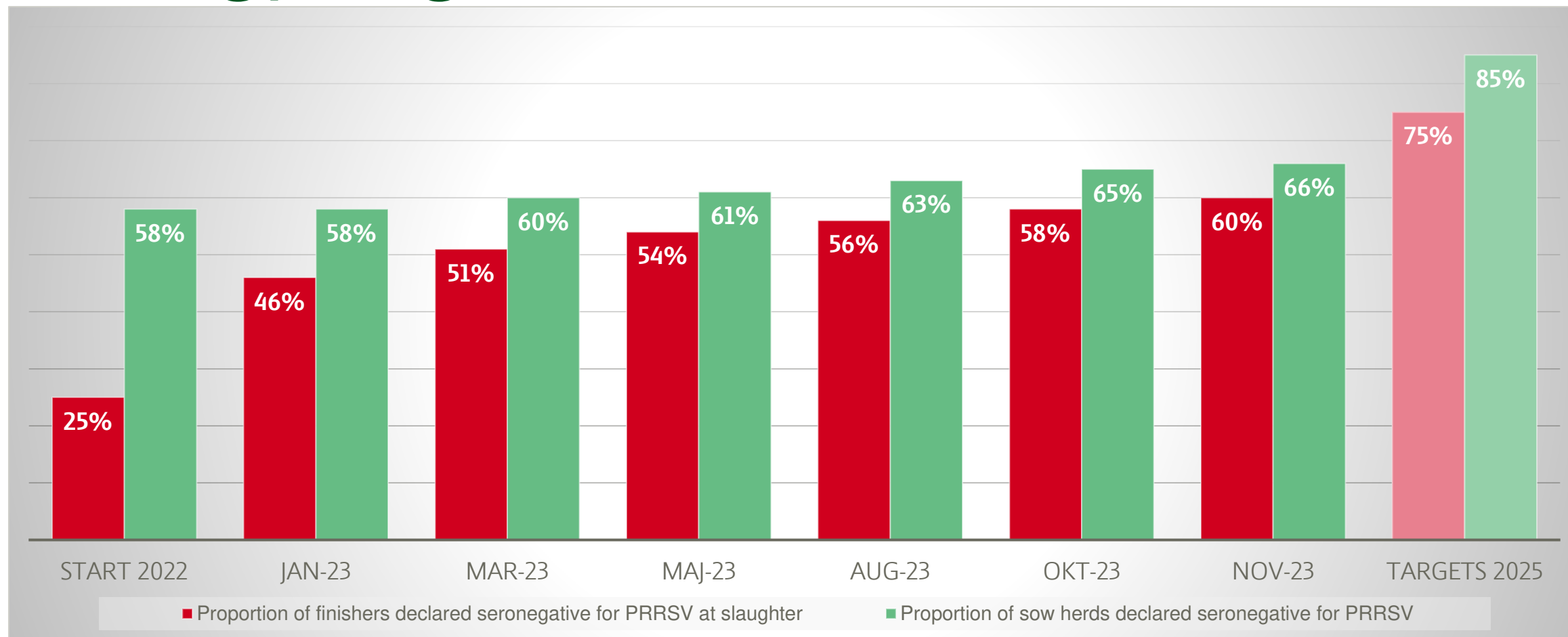


Helle Jessen			Midlertidigt negativ (san)	+sanPRRS1 +sanPRRS2
Helle Jessen			Positiv ustabil	+PRRS1





# Strategy targets





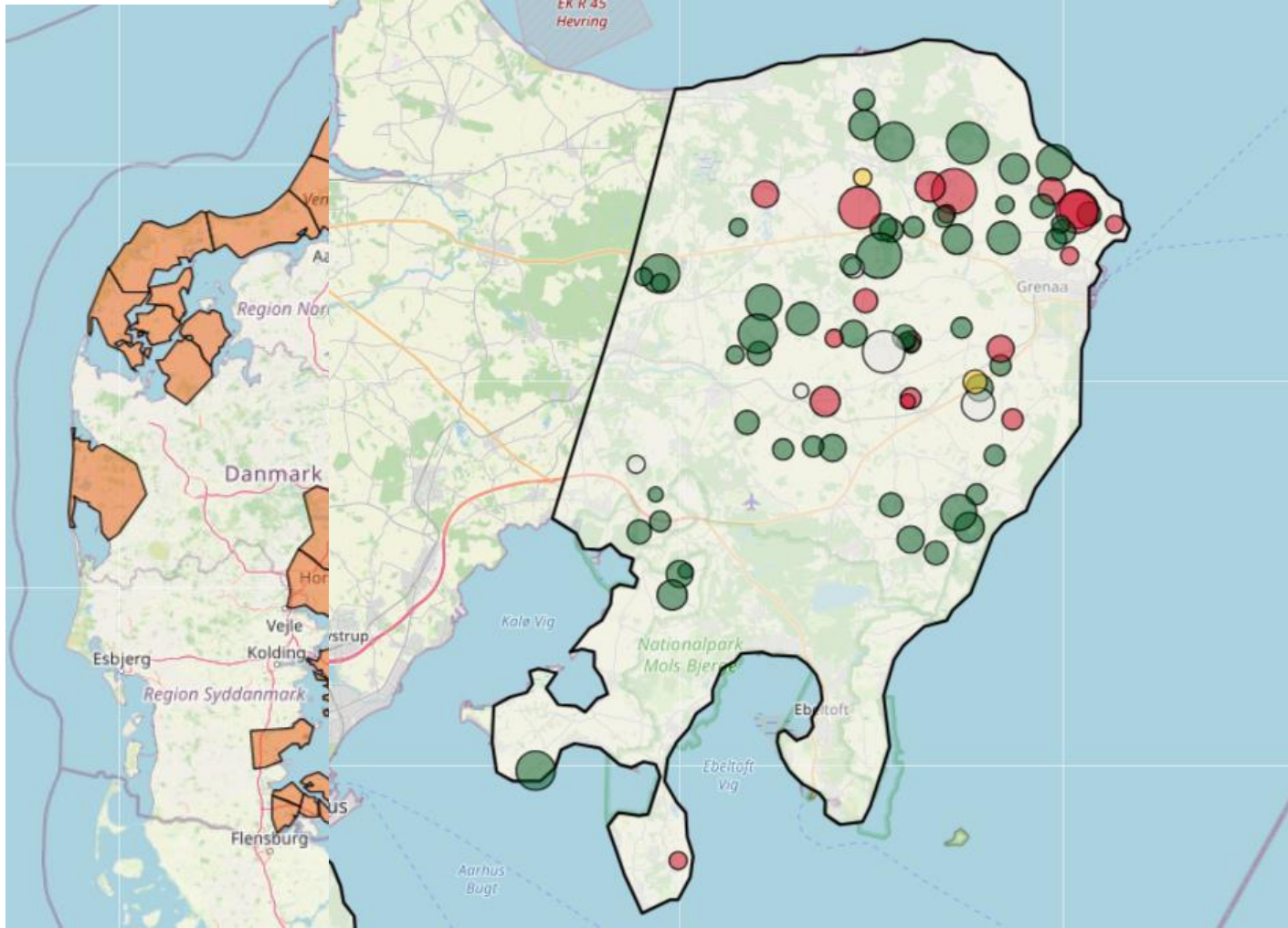
# Expectations

- New functions on the PRRS map
  - Implementation of infection model on every herd (GIS model)
  - Regional Dashboard – Ensure a better and overview of change of PRRS status
- Limited number of new PRRS regions – we need to see the effects of the current strategy
- **Virological PRRS status by 2025**
  - Discussions about how, who and how much has begin





# First experiences with regional eradication programs



 Danish Agriculture & Food Council  
Pig Research Centre

 3. May 2022

## STRATEGY FOR THE REDUCTION OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) IN PIGS IN DENMARK

 **Ministeriet for Fødevarer, Landbrug og Fiskeri**  
Fødevarestyrelsen

 Landbrug & Fødevarer  
Sektor for Gris

 KØBENHAVNS UNIVERSITET

 DDD

 **SEGES**  
INNOVATION

**Association of Swine slaughterhouses**

**Svineafgiftsfonden**

