

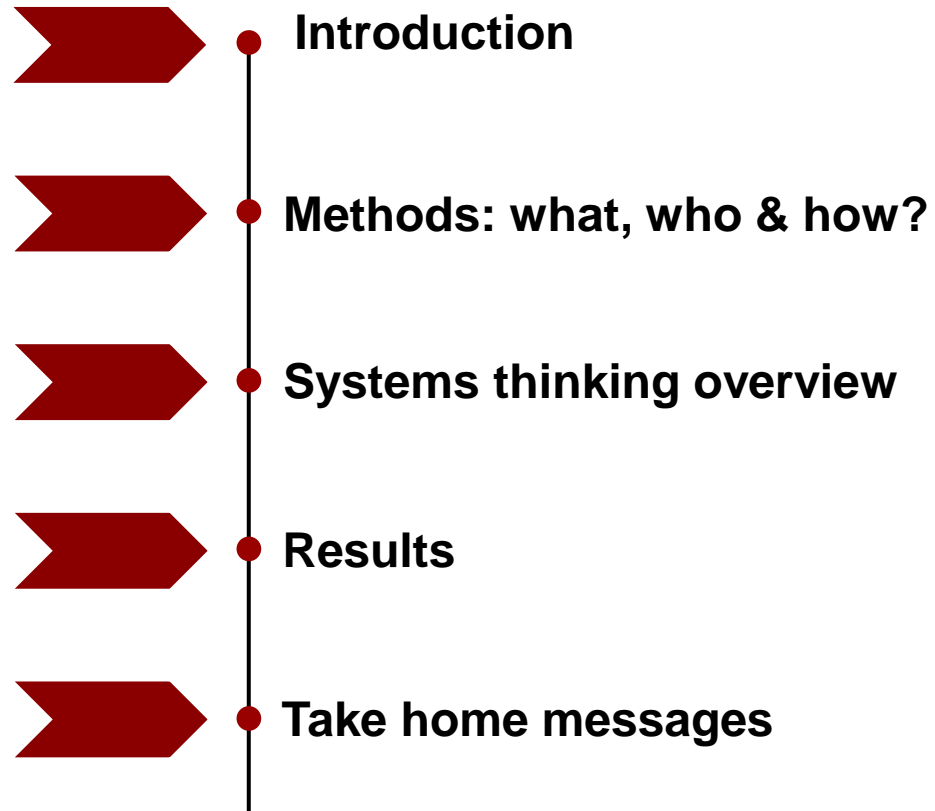
Identifying barriers and strategies to improved antimicrobial stewardship in pig production using a bottom-up approach among Danish pig veterinarians

Joana Pessoa, DVM, PhD, Res.ECVPH, DTU-Food

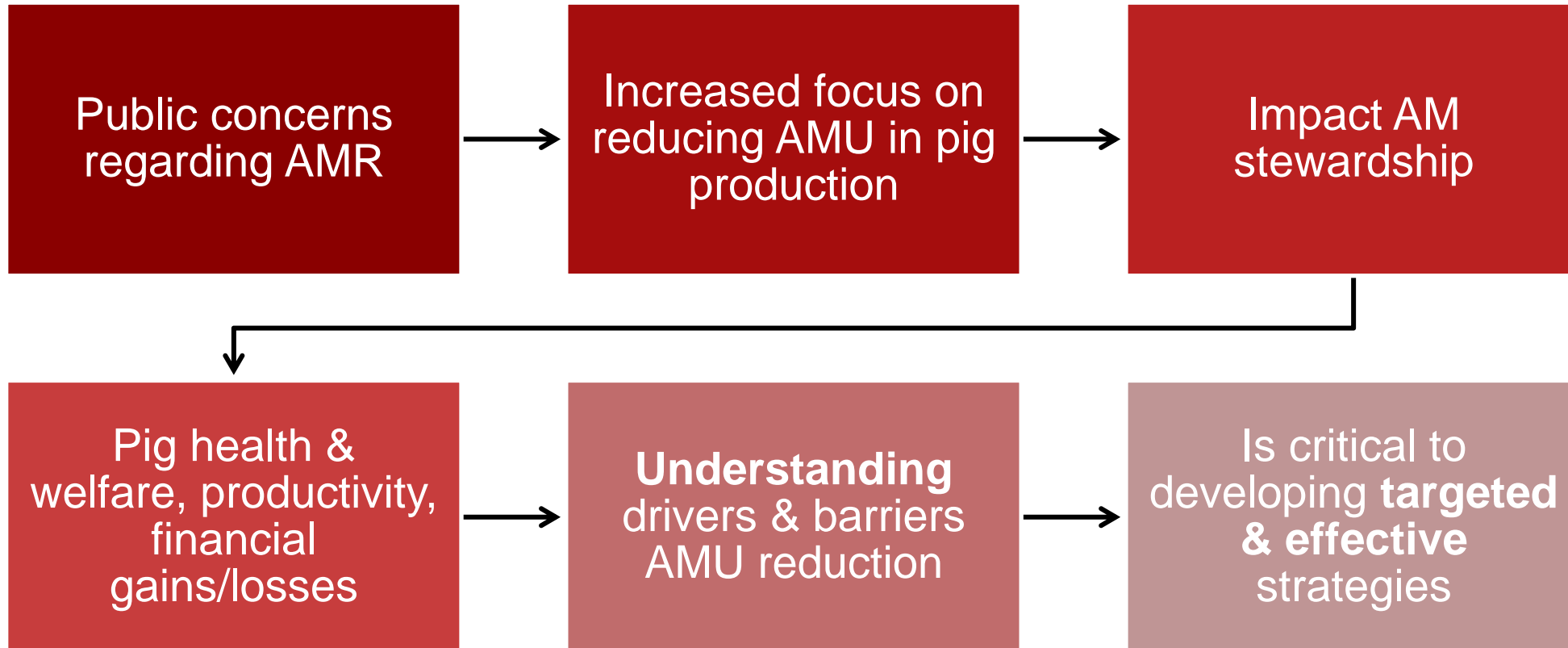
Lis Alban, Landbrug og fødevarer

Marianne Sandberg & Vibe Dalhoff Andersen, DTU-Food

Outline



Introduction



Methods: What, who and how?

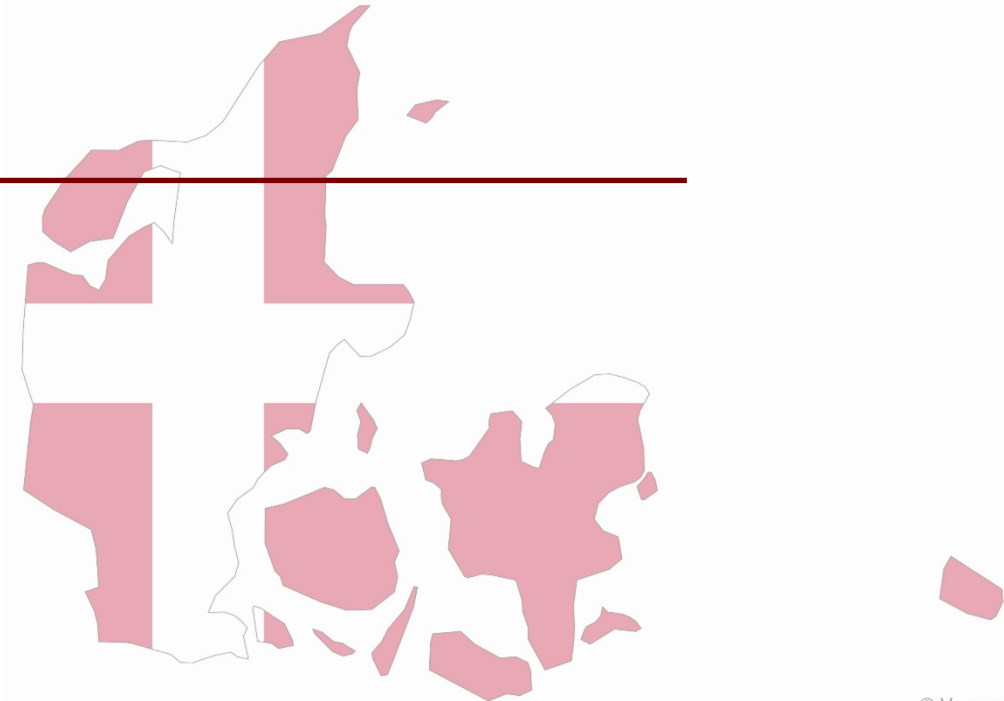
Questionnaire using EUSurvey



- Easy to use, intuitive & **secure**

Danish pig veterinarians

- A total of 73 veterinarians
- Working in 6 different companies
- Contacted by email and phone
 - Lots of help from Frede Keller!



Methods: Questionnaire structure

- 1 Practices in antimicrobial prescription
- 2 Changes overtime in these practices
- 3 Practices that allowed a reduction in AMU
- 4 Feasibility for further reducing AMU in the Danish pig sector
- 5 Characterization of the respondent

Methods: data analysis



Summarize & describe data features



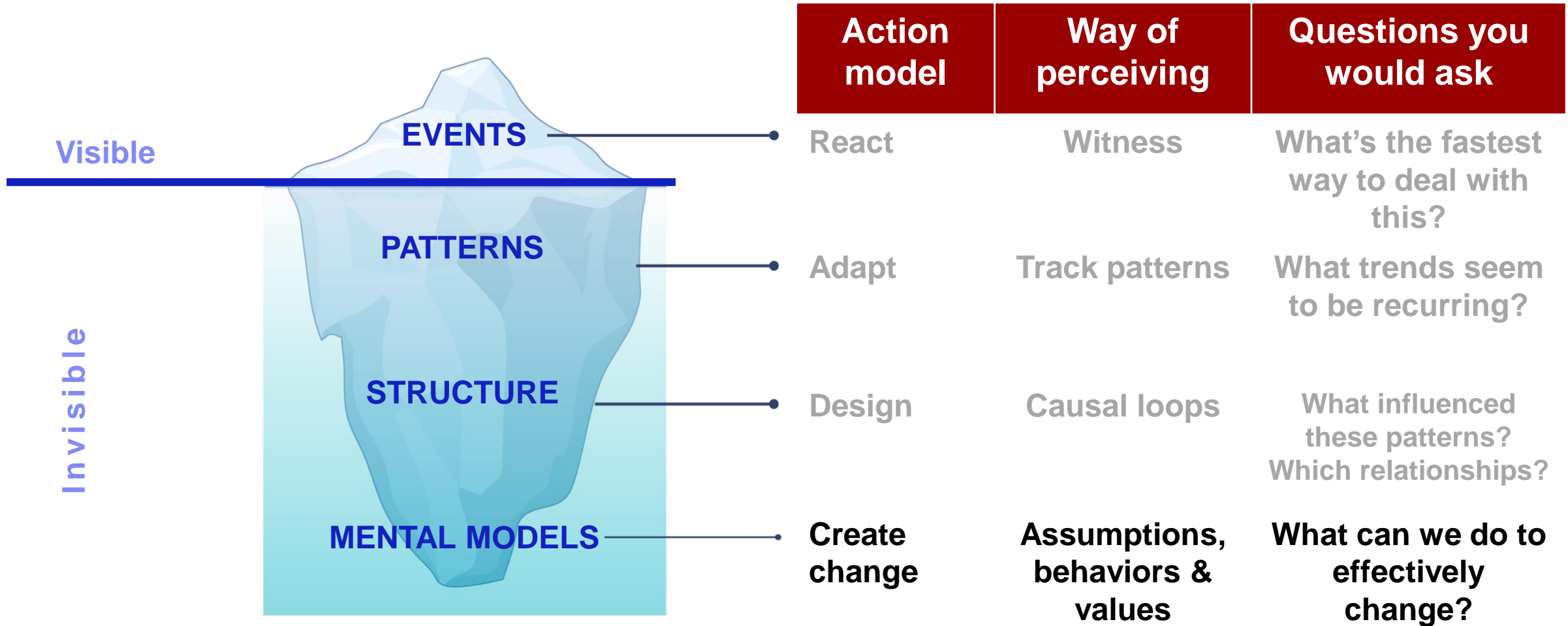
Open ended questions

- Grounded theory
- Identify, group & categorize similar answers



- Interrelationships between all elements of AMU practices
- Identify +/- feedback loops leading to lower/higher AMU

Systems thinking overview



Results – respondents' characteristics



58% response rate

42 veterinarians



Years working

Average 15 years (1y – 38y)

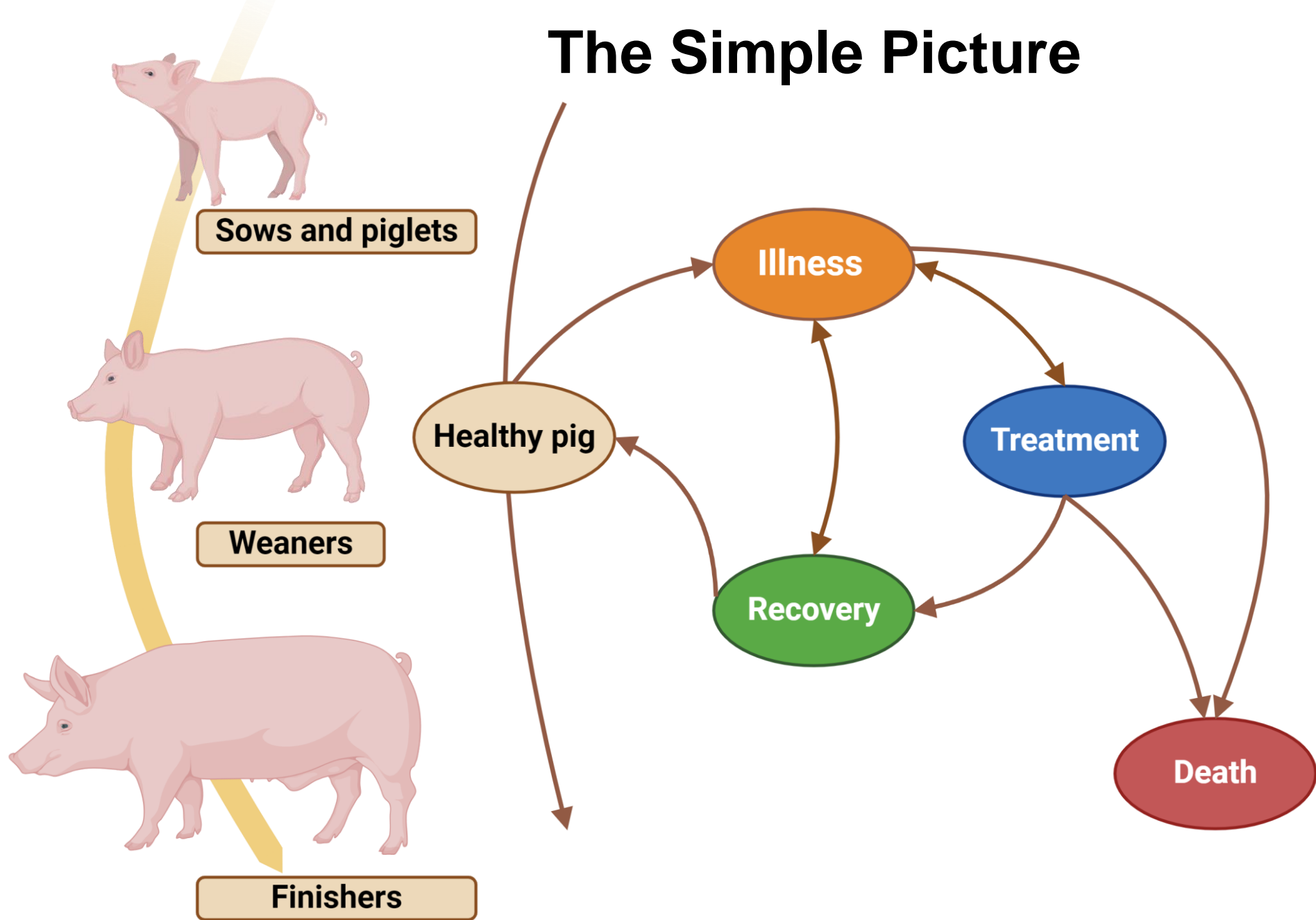


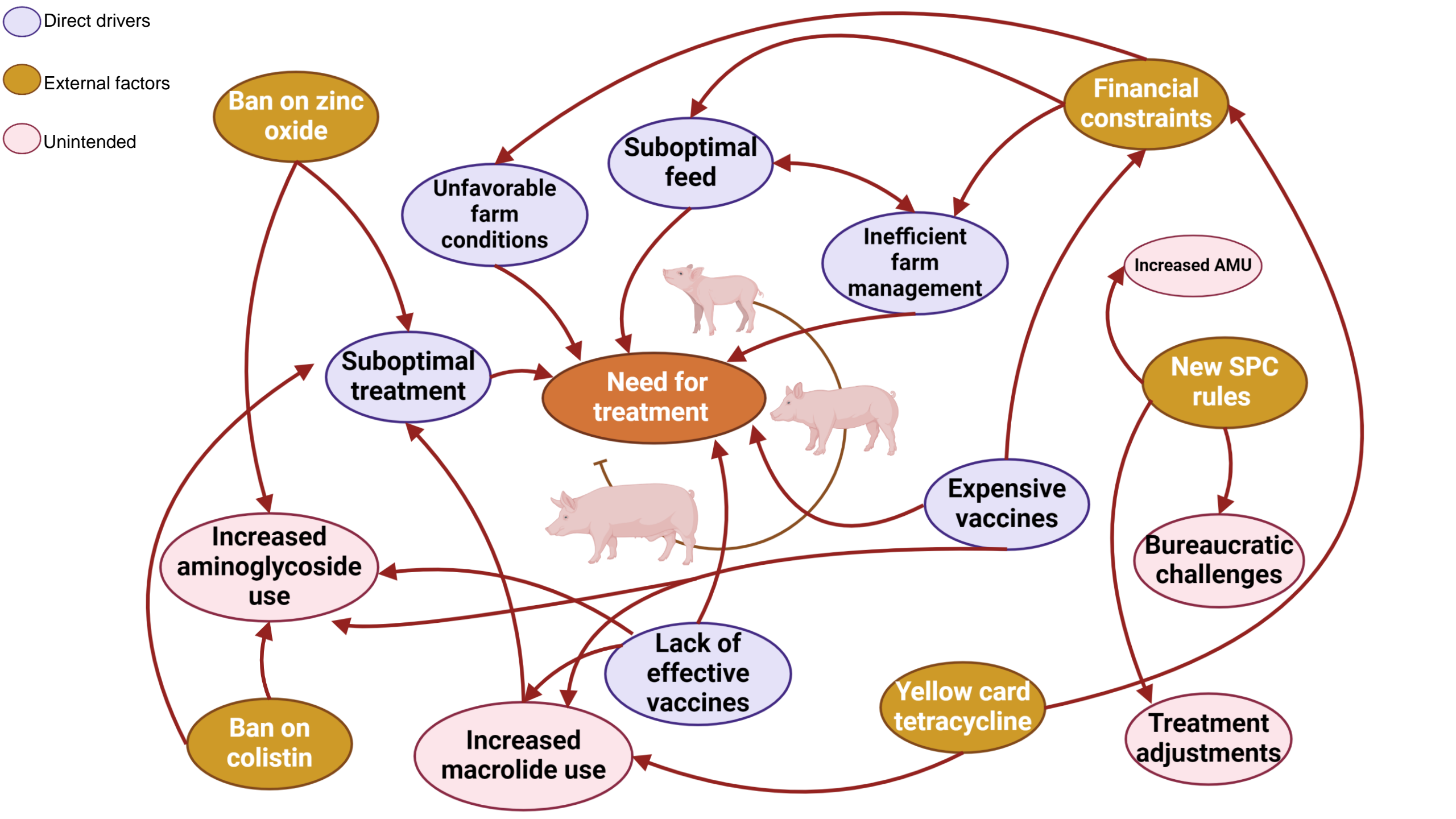
Continued education

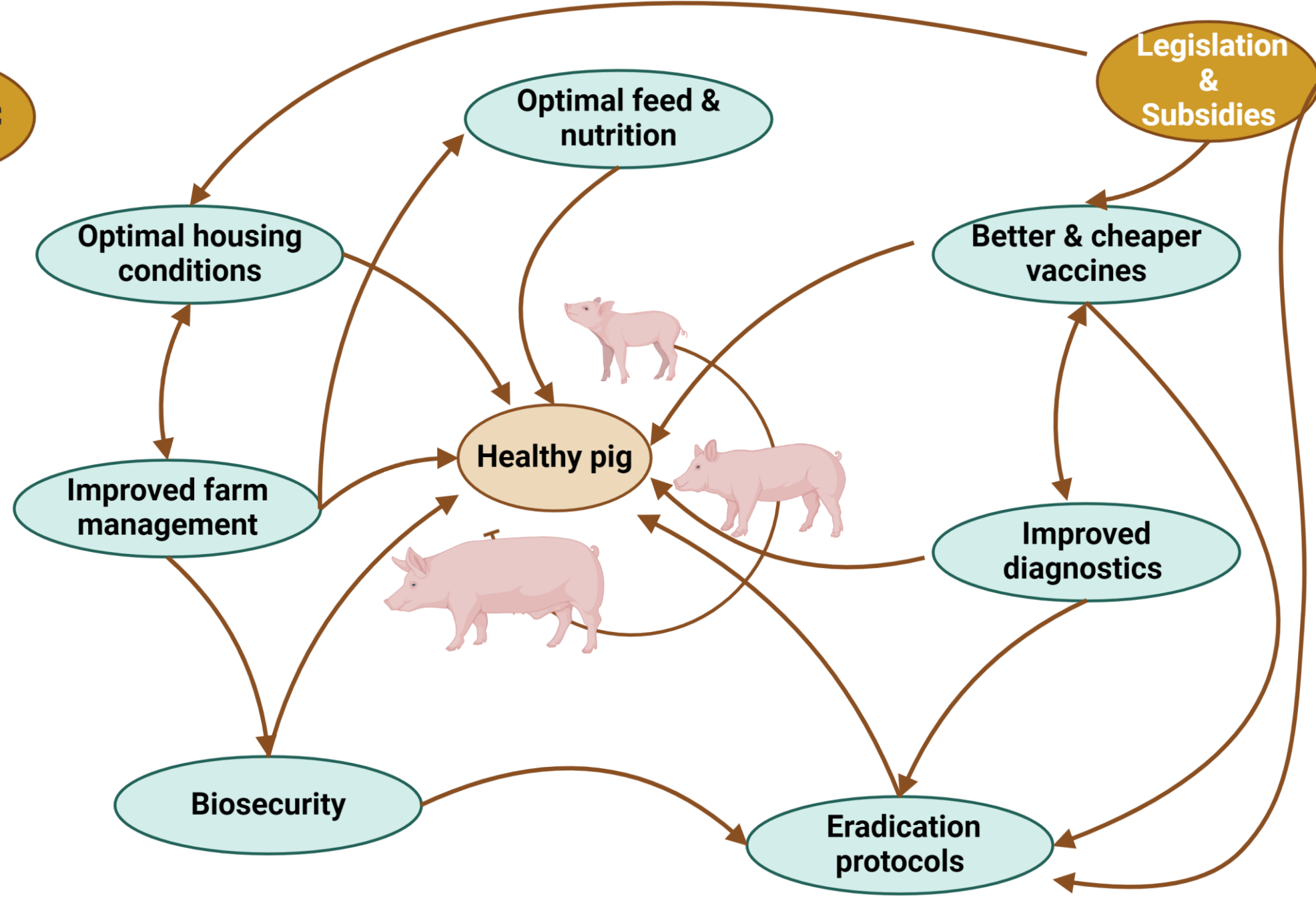
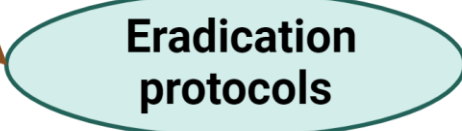
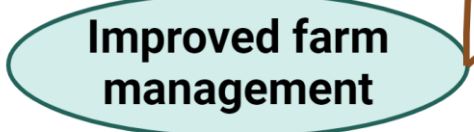
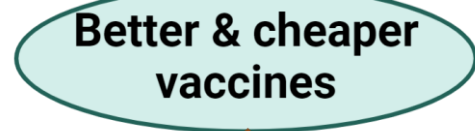
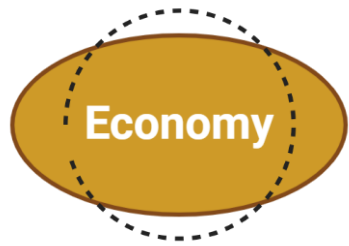
- 50% did not answer
- 36% Fagdyrlæge-Svin
- PhD (1) and ECPHM (1)

Results: Systems thinking

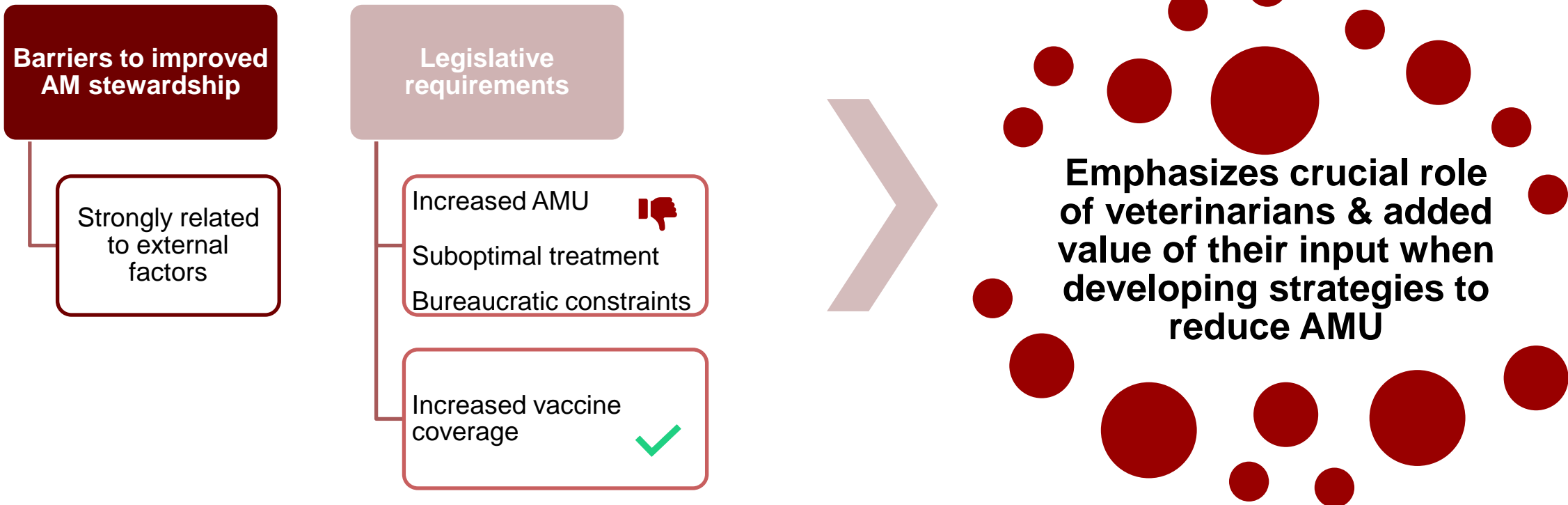
The Simple Picture







Take home messages



Acknowledgements

A special thank you to Frede Keller

All veterinarians who kindly participated in the study

CoEval-AMR project



Tusind Tak!