

Competitive power of pig production internationally compared

Global pig forum, Beijing (China), 4 July 2019

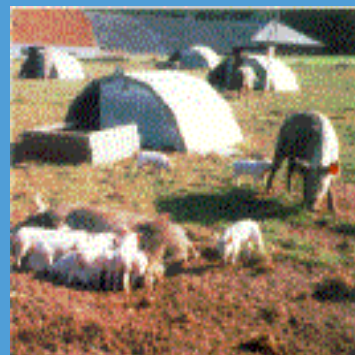
Robert Hoste, senior pig production economist



Wageningen University & Research

An aerial photograph of the Wageningen University campus. The image shows several large, modern buildings with brick and concrete facades. A prominent feature is a large, rectangular building with a central courtyard. To the right, there is a large, modern building with a glass facade. The campus is surrounded by green spaces, trees, and a small pond. The sky is blue with scattered white clouds.

To explore the potential of nature to improve the quality of life



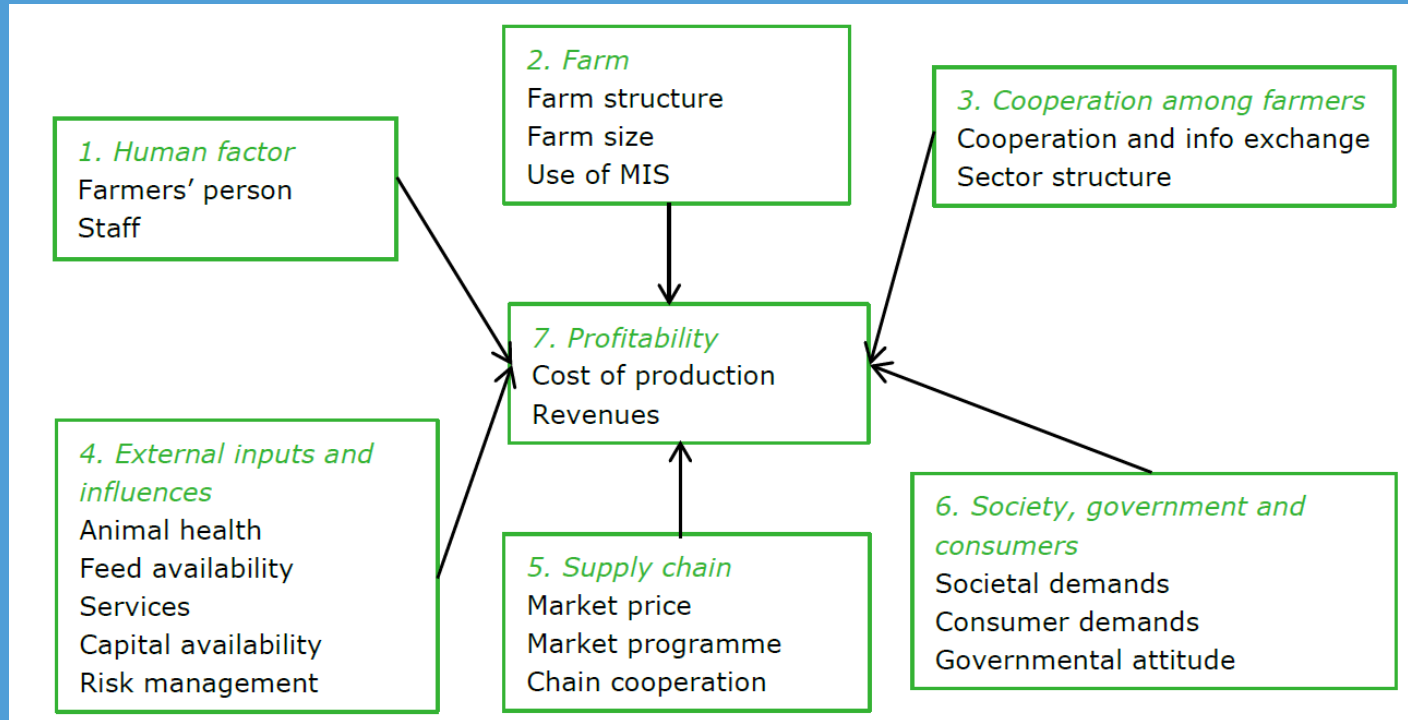
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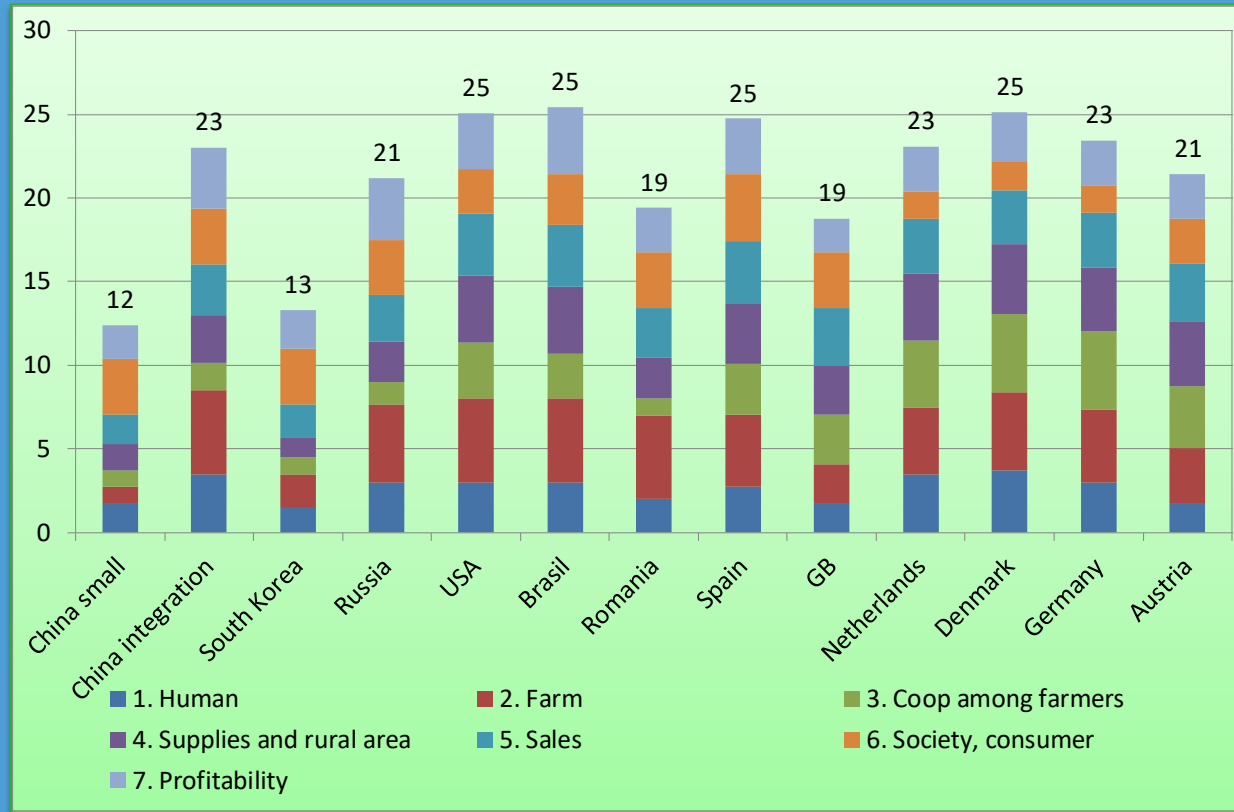
Photo's: Robert Hoste

Pictures: Robert Hoste³

Conceptual model on competitive factors in pig production



Quantitative assessment of competitiveness

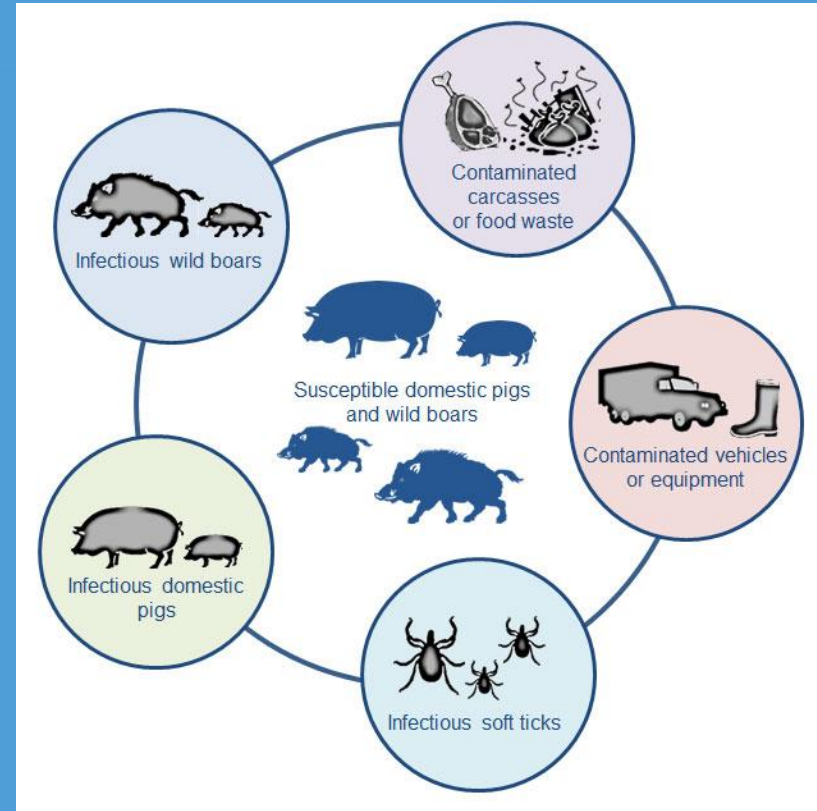


A close-up photograph of a piglet nursing from its mother. The piglet is in the foreground, its head pressed against the mother's side, suckling. The mother pig is a large, light-colored animal with a textured, slightly wrinkled skin. Several other piglets are visible in the background, some resting and others partially visible. The overall scene is a close-up of a piglet nursing from its mother, with several other piglets visible in the background.

Biosecurity

Spread of ASF

- Animal transport
- Wild pigs
- In food
- Employees
- Backyard farms
- Visitors (vet, truck)
- Insects
- Etc.



Source: Pirbright

Lack of awareness of virus transmission



Pictures: Robert Hoste

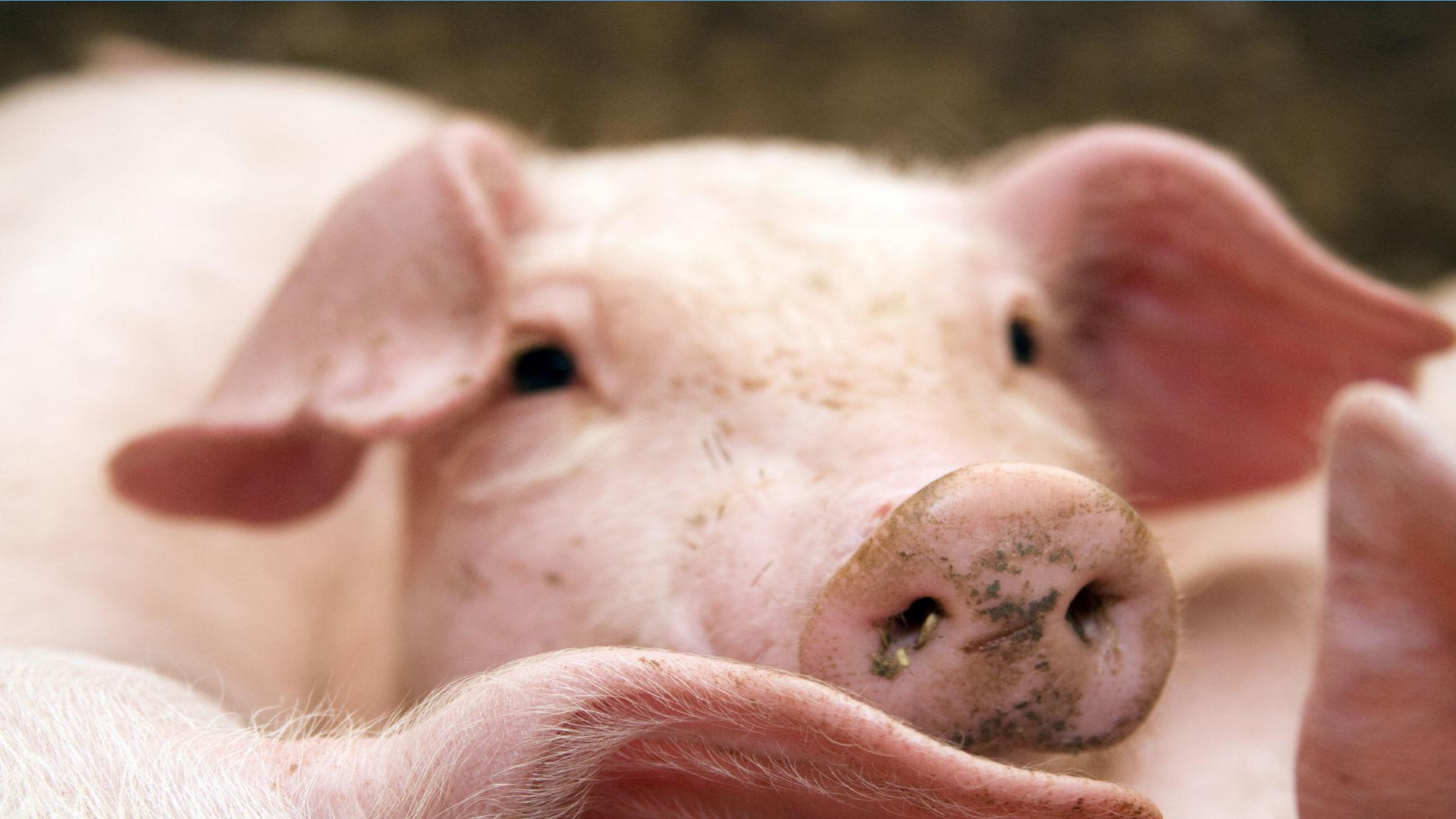
Becoming free of e.g. ASF

- Eradication on farm and around
- Transport stand-still
- Restocking only after empty period
- Biosecurity measures: fences, shower facility and use, rodent and bird control, information around etc.
- Vaccination?
- Reduce animal flows among farms
- In general: identification and registration of animals for tracing
- Long-term effect may be positive: well-organised supply chain



Photo: Bert Jansen

<https://www.boerderij.nl/Varkenshouderij/Achtergrond/2018/2/Beter-rendement-met-SPF-varkens-241907E/>



Conclusions

- Different farming systems around the globe
- Multiple factors influencing the competitive power of a country
- Human factor important infection route for ASF
- Need to raise awareness on biosecurity
- Severe outbreak of ASF may in the long term lead to further industrialisation

Thank you for your attention



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