

# Is good slaughter profitable?

## *An economic model for animal welfare improvements of bovine and porcine slaughter*

### CONCLUSIONS

The first economic model that explains the impact of animal welfare at slaughter of cattle and pigs.

Investment in animal welfare plays a significant role in the slaughterhouses' production process and for the economic outcome.

Will be a basis and useful tool, for the future understanding of animal welfare as an intangible asset for slaughterhouse businesses.

### AIMS

- Develop an economic model
- Map the economic impact of animal welfare improvements
- Validate the economic model



Photo: Josefine Jerlström



### RESULTS

The economic model is based on a profit function dependent on two variables: carcass and by-product quality and quantity.

The by-products are vital to the economic outcome.

Investments in animal welfare are considered as an intangible asset since they assumingly will lead to an increase in the slaughterhouses' output.

Examples of animal welfare investments:

- 💰 Re-designing drive races
- 💰 Remodelling lairage
- 💰 Rebuilding stunning boxes
- 💰 Educating personnel

### APPROACH

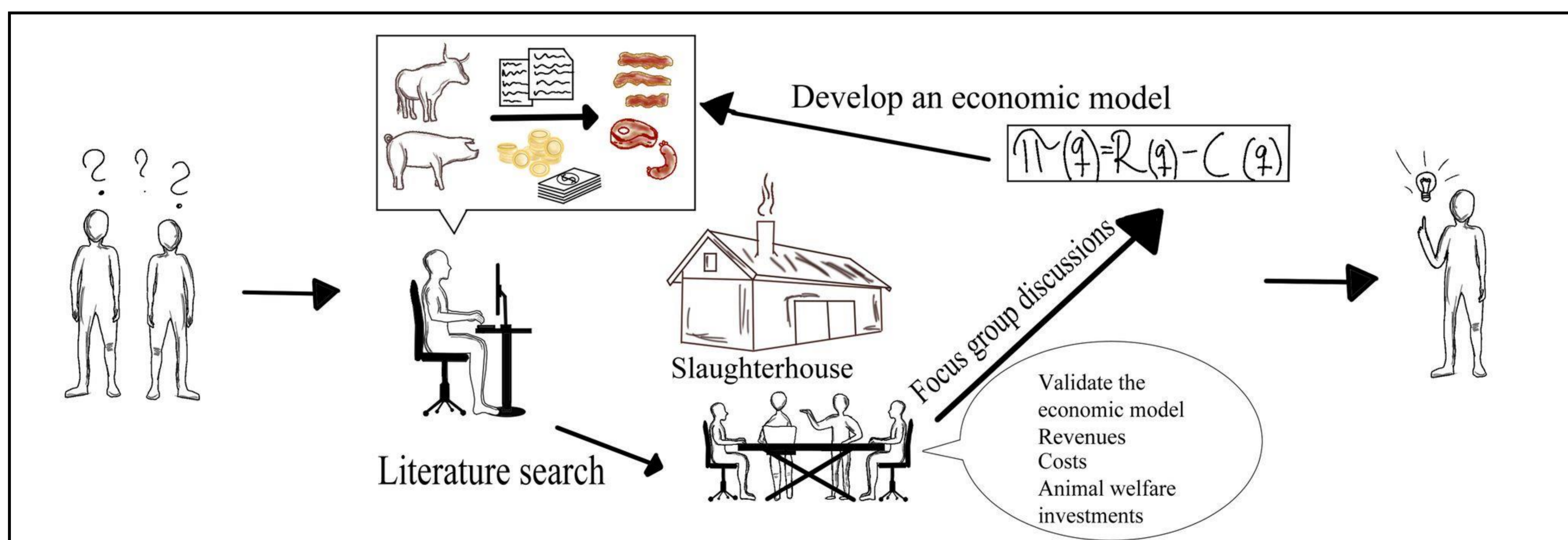


Figure illustrating the approach of the study: how we combined literature review, development of an economic model and focus group discussions.



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