

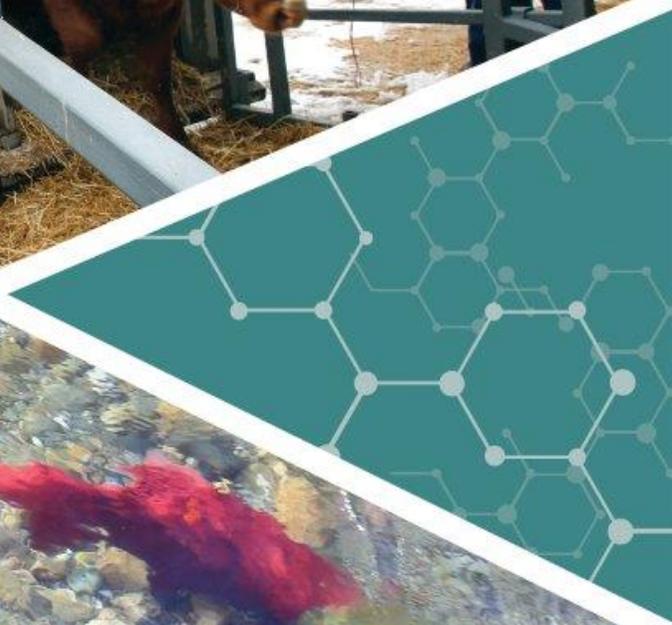


# Break-out activity 2

## Preparing an import risk analysis

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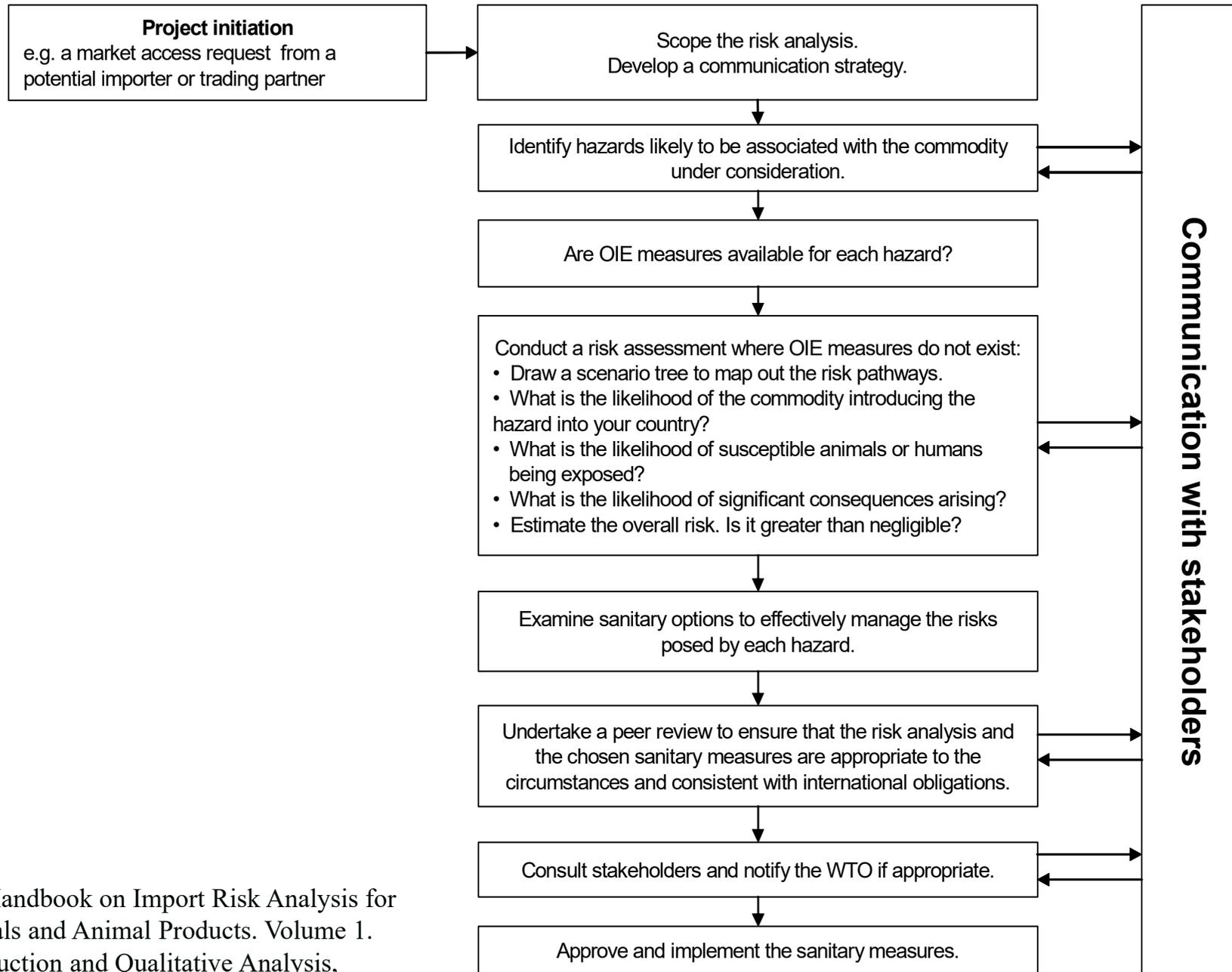
22<sup>nd</sup> March, 2018



# Objectives

- to re-inforce the concepts discussed by working through the steps involved in an import risk analysis
  - break-out into groups
  - each group to appoint a scribe and spokesperson and report back on progress
  - group discussion

# A flow chart for a risk analysis



# Exercise

- You have received a request to import ...
- What questions do you need to ask when scoping the risk analysis?
  - Define the purpose of the risk analysis?
- Draw up a list of potential hazards
  - Outline how you will develop a list
  - Where can you obtain information
  - What criteria do you need to consider?
- Choose 3 hazards and discuss the rationale for including them on the list.

# Exercise continued ...

- Select one of your potential hazards
  - Map out a risk pathway tree for the entry and exposure assessments.
  - What factors do you need to consider?
    - Entry assessment
    - Exposure assessment
    - Give some examples

# Exercise continued ...

- What are some of the potential consequences associated with your chosen hazard?
  - What factors do you need to consider?
  - Give some examples.
- Identify a couple of potential “outbreak” scenarios.
  - Estimate the likely magnitude of the consequences for each one at various levels, for example
    - Farm
    - District
    - Region
    - National

# Exercise

- Evaluate
  - the likelihood of the entry, exposure, establishment or spread of the hazard
  - an estimate of the likely magnitude and likelihood of biological, environmental and economic consequences for your chosen hazard
- Can sanitary measures be justified?
- What options are available to manage the risk?
  - How are these related to the risk assessment?
  - What factors do you need to consider when developing sanitary measures

# To help with identifying risk pathways leading to...

- a commodity harbouring the hazard when imported
- susceptible animals and/or humans being exposed
- potential “outbreak” scenarios
- it can be helpful to draw a scenario tree

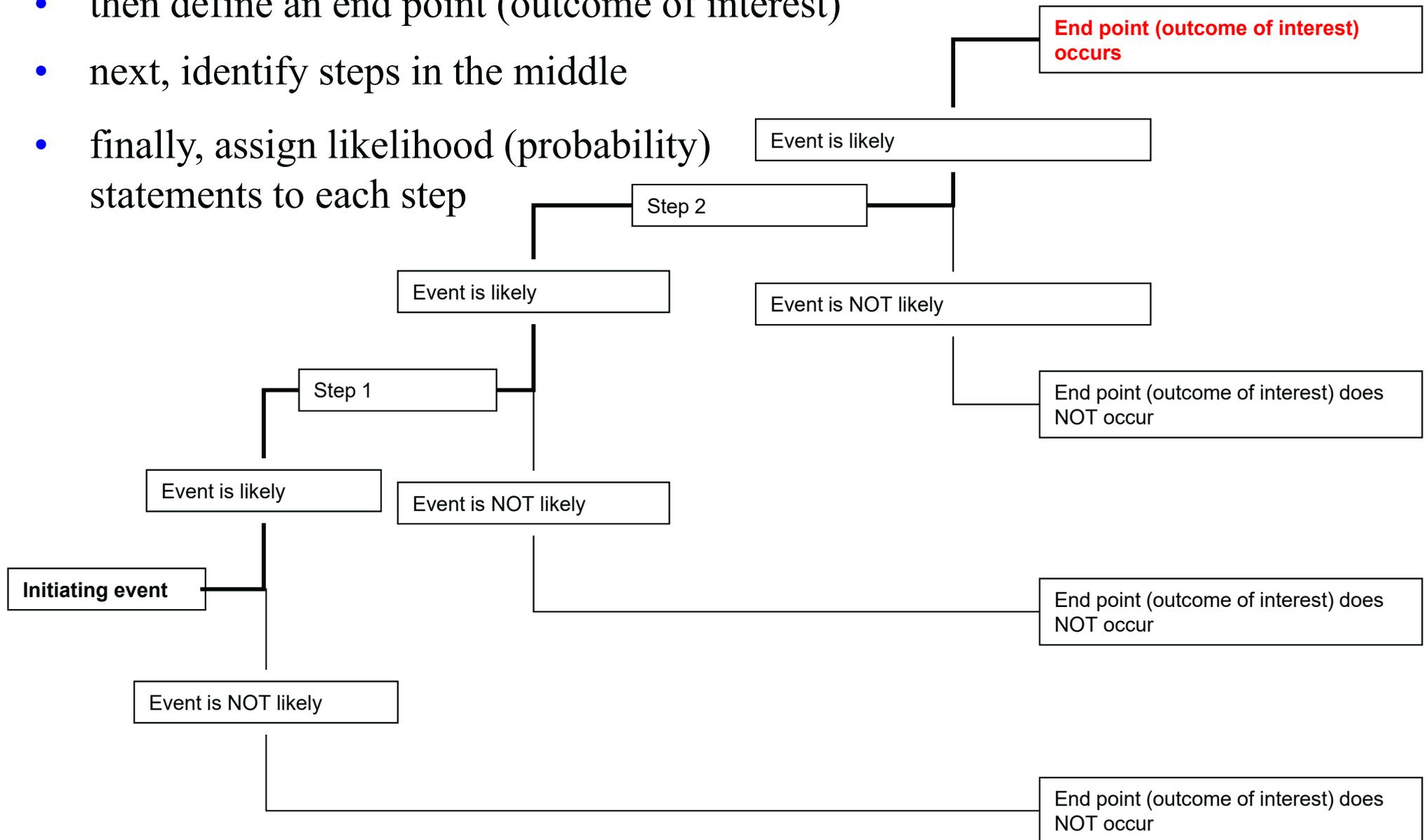
# A scenario tree provides a useful conceptual framework to ...

- identify and convey the range and types of pathways considered in a simple, transparent and meaningful fashion
- identify information requirements
- clarify ideas and understanding of the problem
- ensure a logical chain of events in space and time
- assist with identifying sanitary measures
- underpin the framework for a quantitative model and ensure the correct probability estimate is calculated
- assist with communicating the structure and results of a risk analysis

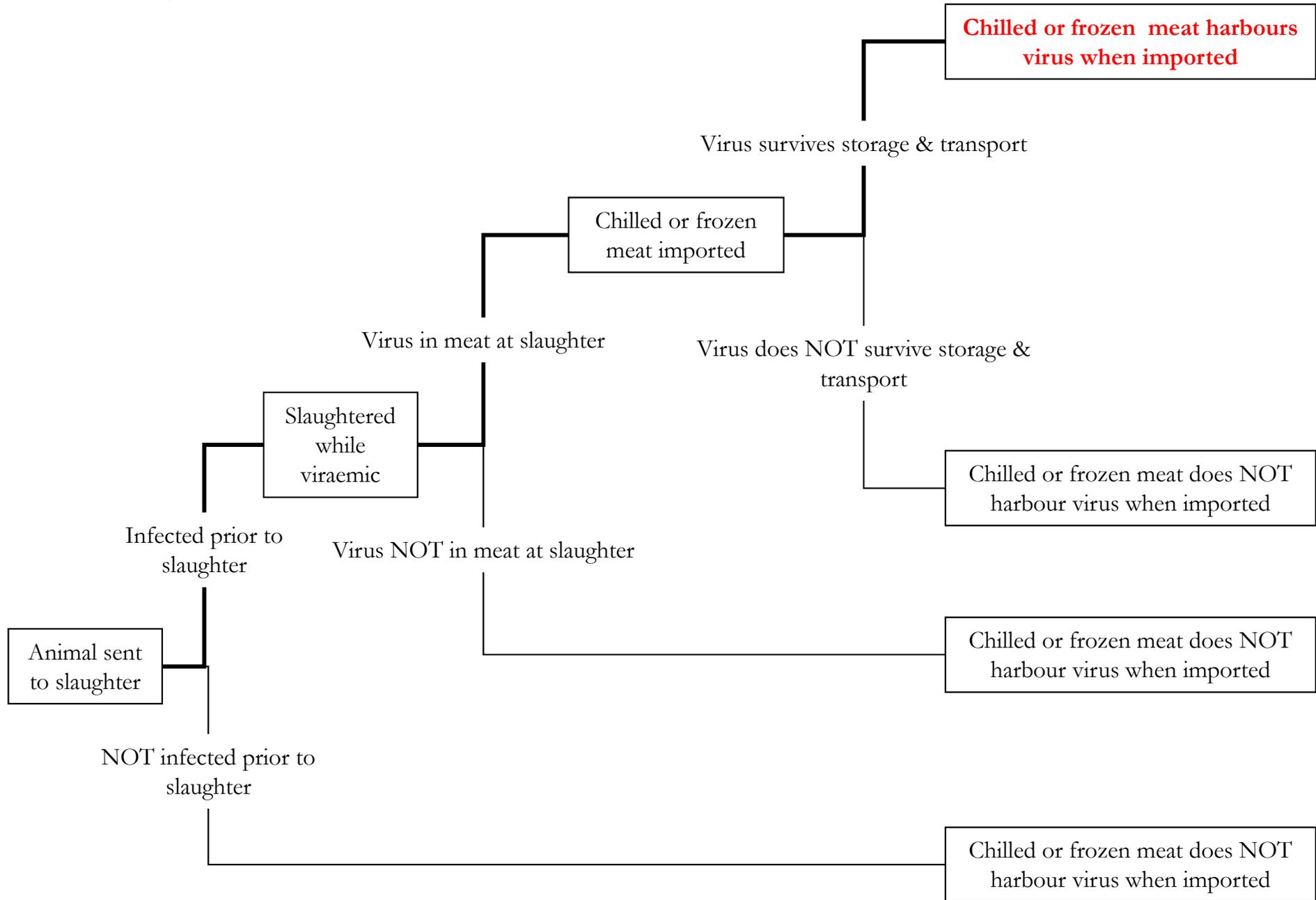
A scenario tree is also known as a probability or event tree

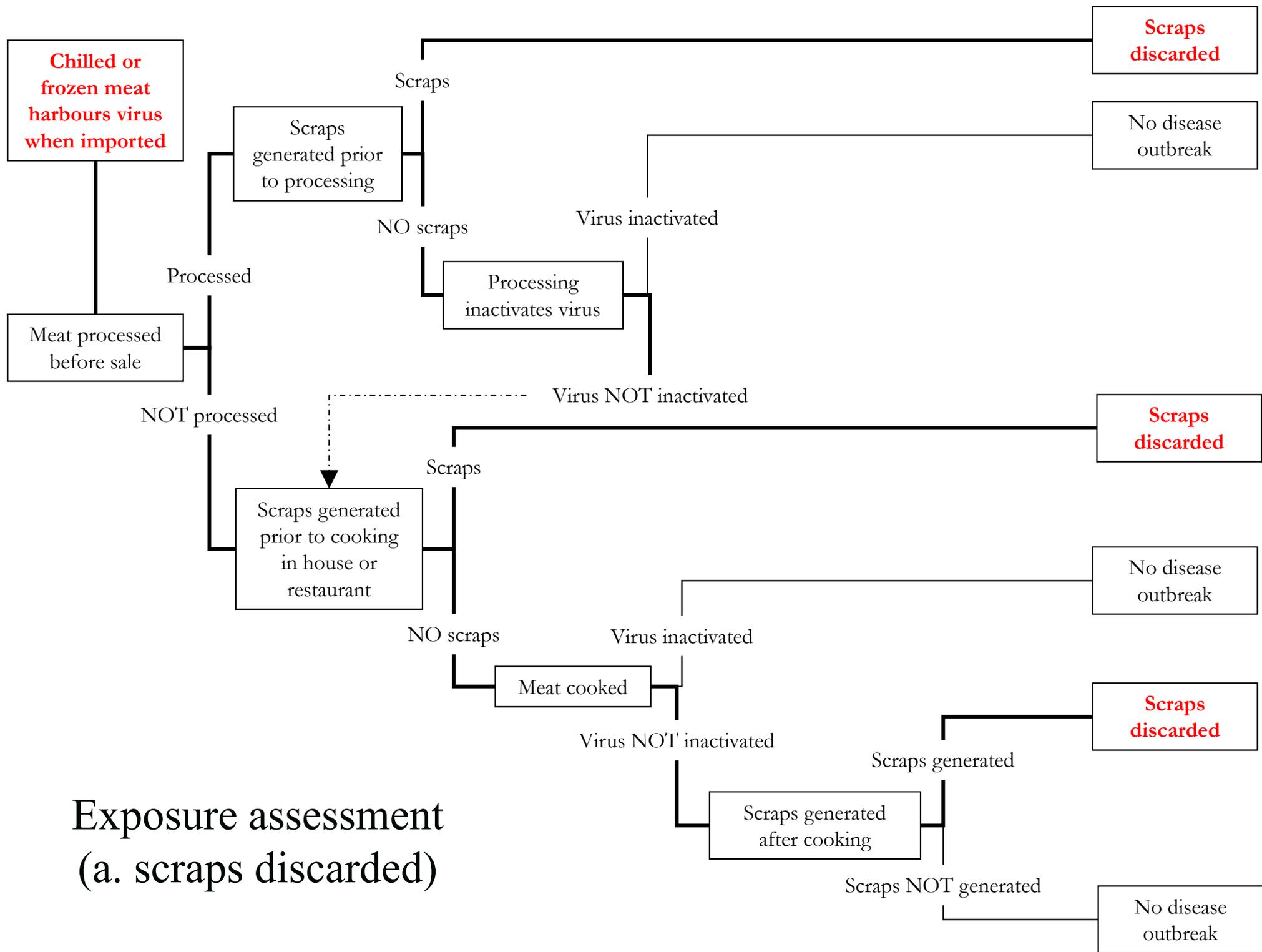
# A scenario tree starts with an initiating event ...

- then define an end point (outcome of interest)
- next, identify steps in the middle
- finally, assign likelihood (probability) statements to each step



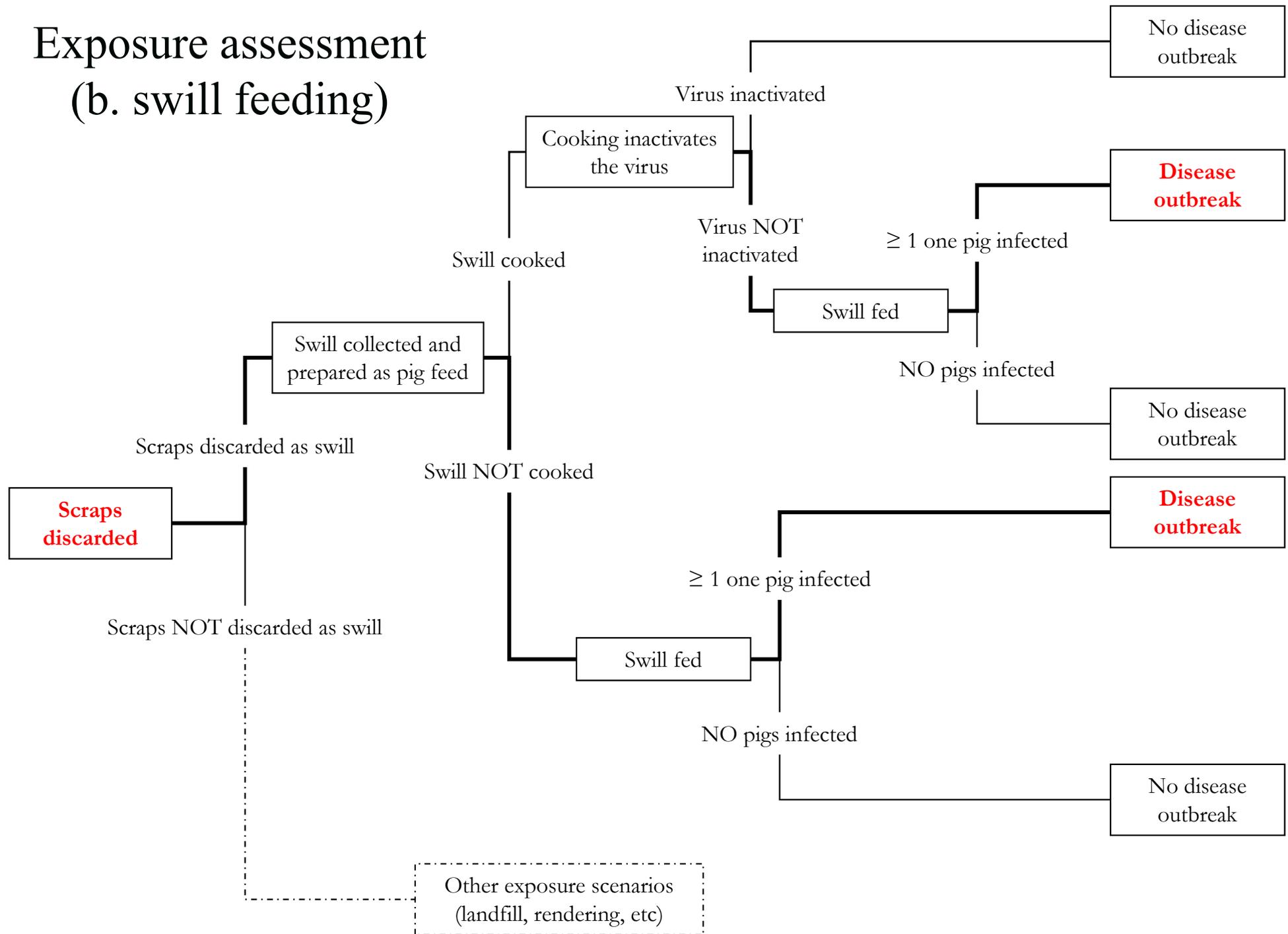
# Entry assessment



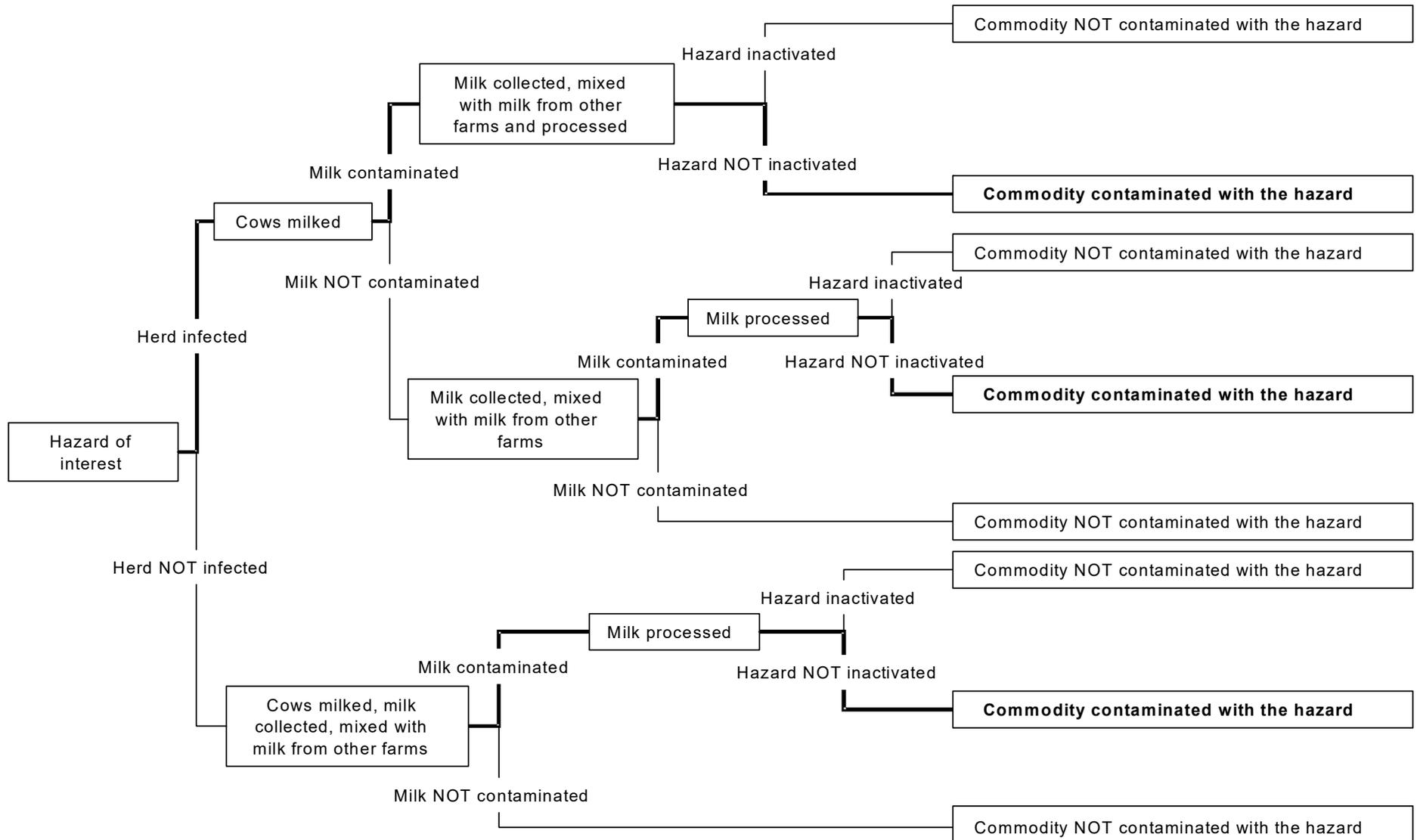


Exposure assessment  
(a. scraps discarded)

# Exposure assessment (b. swill feeding)



# A scenario tree for dairy products outlining some pathways leading to contamination of an imported commodity (entry assessment)



# Thankyou

## Questions or comments?