efsa
European Food Safety Authority

A Surveillance analysis Tool for Outcome-based Comparison of the confidence of freedom generated by control or eradication programmes

STOC free

December 2017

Aim of our presentation

- Inform about the project
- Input from stakeholders, please consider!
- Involve potential end users to maximise support for the developed framework
- Include feedback of stakeholders to improve the developed framework

Background

Risk of transmission of diseases through cattle movements

For a number of these diseases, EU countries have:

- Diverse control/eradication programmes
- Different definitions of the “free” status

Therefore, outcomes of programmes cannot be compared and the degree of certainty about freedom of disease varies

Need: ability to objectively compare programmes’ outcomes using standardized measures to enhance safety of trade, especially in light of the new European Animal Health Law

Relevance

Examples where trade between countries resulted in introduction of diseases:

- Introduction of BVDV in Denmark associated with import from the Netherlands
- Risk of introduction of bTB to Belgium and the Netherlands from calves imported from UK and Ireland
- Introduction of bovine besnoitiosis into Ireland through import of apparently healthy animals

Aim of the project

Develop and validate a new tool:

STOC free

that enables a **transparent and standardized comparison of confidence of freedom** for control and eradication programmes.

9 March 2017 – 9 March 2021

Development

Answering the question

When trading an animal: does it pose a risk of introducing a disease into the destination herd ?

p(freedom| information)

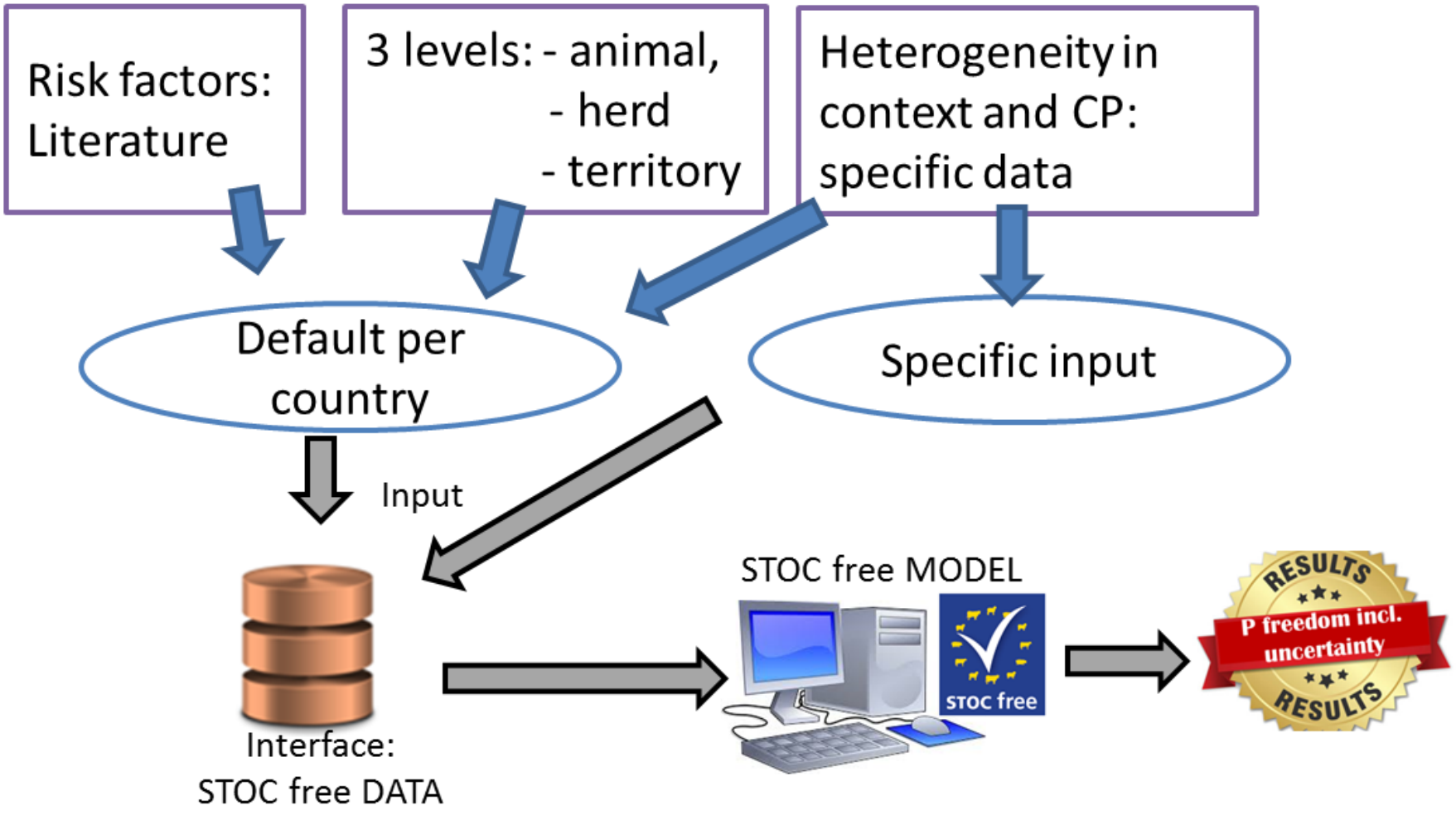
- **What is the probability and uncertainty that an animal is free of disease when leaving the farm given available information ?**

Outcome: framework

A framework consisting of a model (STOC free MODEL) combined with a tool to facilitate the collection of the necessary parameters (STOC free DATA).

- Easy to use by stakeholders
- Heterogeneous inputs, uniform output
- Output on different levels of aggregation
- Adaptable to multiple diseases in multiple species

STOC free: the Framework

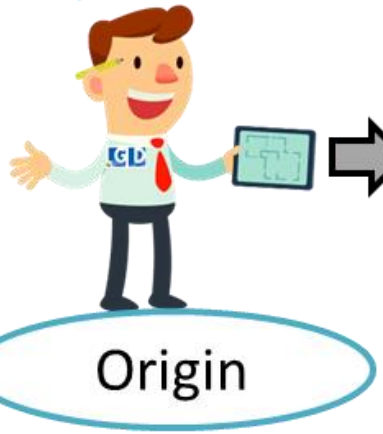


Vision

- Independent
- Access to data

- Easy to use
- Freely accessible

Data



Interface

STOC free MODEL

Destination

Ultimate goal

STOC free will be used by every country or region to evaluate probability of freedom of traded animals for any disease

Impact

The use of the STOC free framework will stimulate:

- Safe trade
- Improved biosecurity on farms
- Economic benefits due to reduced risk in a flexible trade context

Questions for you!

- Do you consider you/your organisation an end user of the framework? Yes / No / Don't know
- Which factors determine whether you will use the STOC free framework?
- Any suggestion for improvement?

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Thank you for your attention

STOC free

http://www.stocfree.eu/

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