

Standardizing output-based surveillance to control non-regulated diseases of cattle in the EU

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AIM

Harmonization of the outputs of different surveillance, control or eradication programmes (CPs) for non-regulated cattle diseases in European countries.

VISION

A complete output-based framework for standardized and objective comparison of CPs that is supported throughout Europe and is used to enhance safe trade.

CHALLENGES

- EU level regulated CSs are generally input-based
- CPs are to be supported in light of improved animal health and welfare
- lack of agreed methodologies to compare freedom from infection
- CPs for non-regulated cattle diseases in EU create difficulties in trade due to differences between countries
- standardizing inputs would be neither feasible nor efficient

THE FRAMEWORK

CHARACTERIZATION OF EXISTING CONTROL PROGRAMMES

- description of the current CPs across European countries
- including design, epidemiological and economic backgrounds
- identification of stakeholders across Europe
- defining requirements for output based methods

DATA REQUIREMENTS AND AVAILABILITY

- determination of data needs
- evaluation of parameters to be included
- assessment of data availability and quality for each participating country

EVALUATION OF EXISTING METHODS

- assessment of the available mathematical and statistical methods
- review of strengths and weaknesses of methods that are/could be used
- recommendations for methods that can be used for output-based comparison

ADDRESSING THE KNOWLEDGE GAPS

- a joint research agenda focused on the development of methodologies for objective comparison of outputs from different input-based CPs



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OUTPUT-BASED FRAMEWORK

- for standardized and objective comparison of different CPs
- allowing to substantiate confidence of freedom and cost-effectiveness
- widely adoptable
- easy to apply by end users

Collaboration between 30 European countries

