



# Modelling the economic consequences of FMD outbreaks in two different regions in Austria

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# Scope

- Implementation of an epidemiologic model for the spread of FMD in Austria using Interspread Plus®
- Model based on FMD real time exercises in 2004 and 2009 in Austria
- Data used based on real data generated from the national animal database and many other sources
- Evaluation of the economic consequences of an FMD outbreak for two distinct regions in Austria
- Work relevant for Veterinary Public Health officials and government agencies

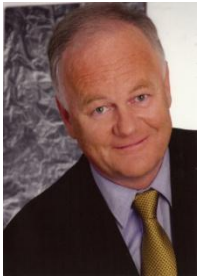


# Results

- Estimation of the economic impact of an FMD outbreak is possible using epidemiologic modelling.
- Total costs depend on farm type distribution in the region and the control measures applied
- Breakdown of total costs into cost positions (baseline scenario):
  - > 60%: Monitoring costs
  - > 20%: Monetary losses of the farmers
  - ~5%: Compensation payments
  - < 2%: Culling costs
  - < 2%: Costs for disinfection



# The Team



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