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## Why remote monitoring? Integration with on-farm animal and resource measures

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FACULTY OF  
VETERINARY &  
AGRICULTURAL  
SCIENCES

Economic Development,  
Jobs, Transport  
and Resources





# (Remote) Monitoring of Animal Welfare

- ◆ Monitoring of animal welfare
  - Scientific assessment
  - On farm monitoring
  
- ◆ Purpose
  - Research
  - Animal management
  - Auditing



(A)



(B)



# Animal welfare indicators important for monitoring

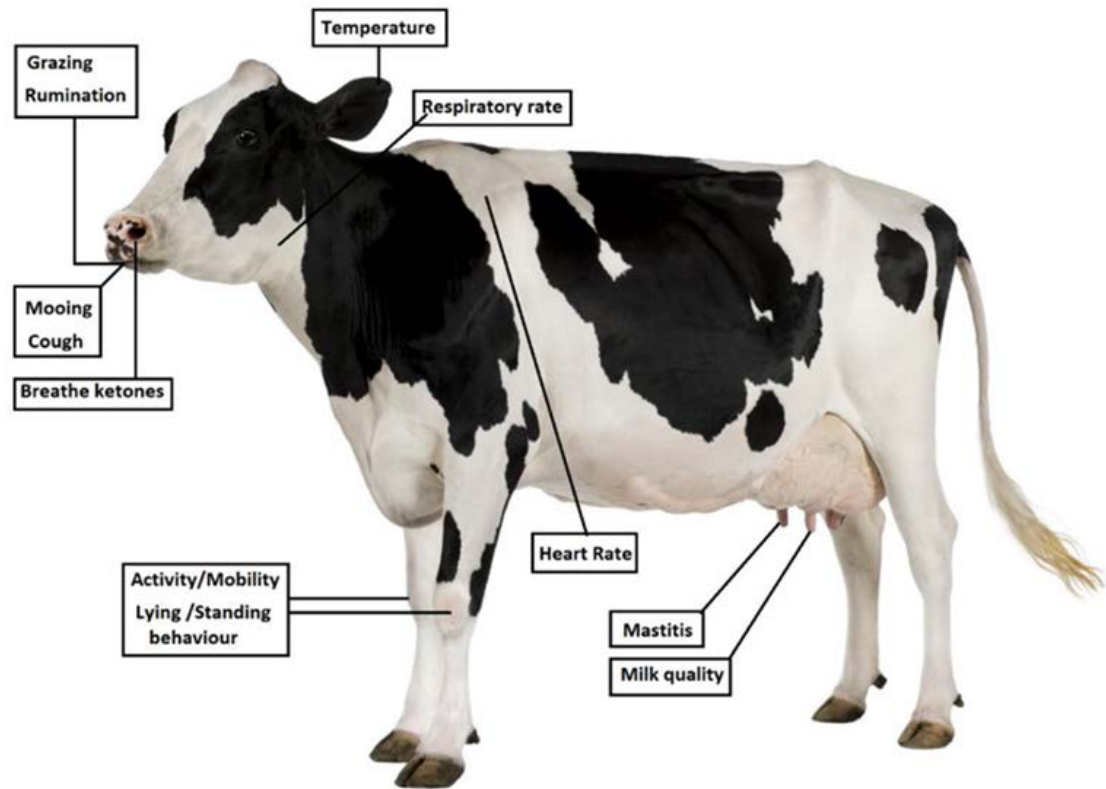
## Inputs

Resource-based  
Management-based

## Outcomes

Animal-based

## Risk-based





# Advantages of remote monitoring

- ◆ Better information available to make management decisions
- ◆ Early warnings of health and welfare risks
- ◆ Automatic records of animal welfare indicators
- ◆ More efficient animal welfare audits
- ◆ Potential traceability of animal welfare throughout the supply chain





# Barriers to overcome

- ◆ Robust technology for on-farm use
- ◆ Affordable, practical, reliable
- ◆ Needs to talk to other technologies
- ◆ Ease of use/interpretation

