

# A sanctuary manager's technology journey

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## Received knowledge

- Formal training
- Publications
- Peer to peer knowledge transfer
- Curiosity
- Folklore, anecdotes, and truth



# Analogue technology

- Stuff that works
- Stuff that might work better
- Incrementalism
- Traps
  - Efficacy
  - Social licence
  - Novelty



# Iterative learning

- Push it 'til it breaks
  - Resource utility
  - Cost efficiency
- Timeframes and replication
- Rigour of experience



## Digital and electronic technology

- Hip chains and compasses to GPS (by phone)
- Paper to Excel to Apps to Metadata
- Car batteries and VCR's to game cameras
- Nest observations to 'egg timers'
- 5MBC, acoustic recorders, RFID tags
- Thermal camera and AI
- Remote reporting trap nodes
- Real time intelligence and responsiveness



## Costs, risks, benefits

- Skill sets and aptitude
- Why automate/digitise?
  - Improvement oriented
- Capital investment
  - Backing the right horse
  - Generational stasis
  - Opportunity cost
  - Relationship with provider
- Can we believe the hype?



## Points to ponder

- Who
  - Informs the need?
  - Prioritises competing needs?
  - Funds or owns the R&D and outcome?

