Precision livestock tools to improve sheep welfare and health

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SAG – AI
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Huge potential to improve sheep welfare and health

~7 million sheep in Scotland; extensively managed.

Reducing workforce/larger farms – leads to challenges in monitoring health and welfare

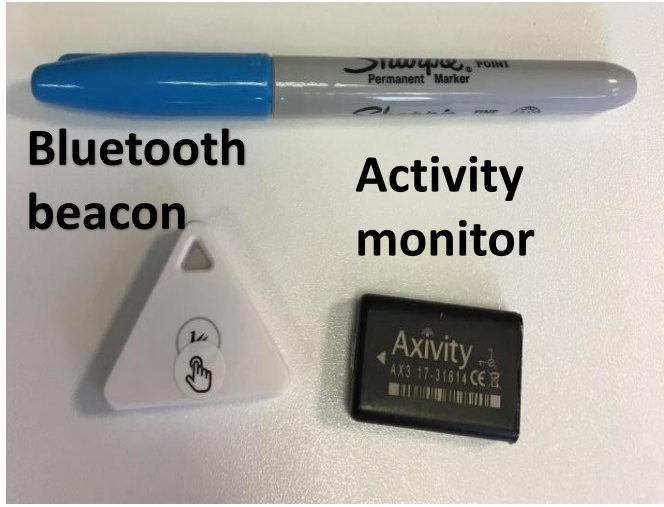
Huge potential for AI to identify animals suffering welfare/health challenge:

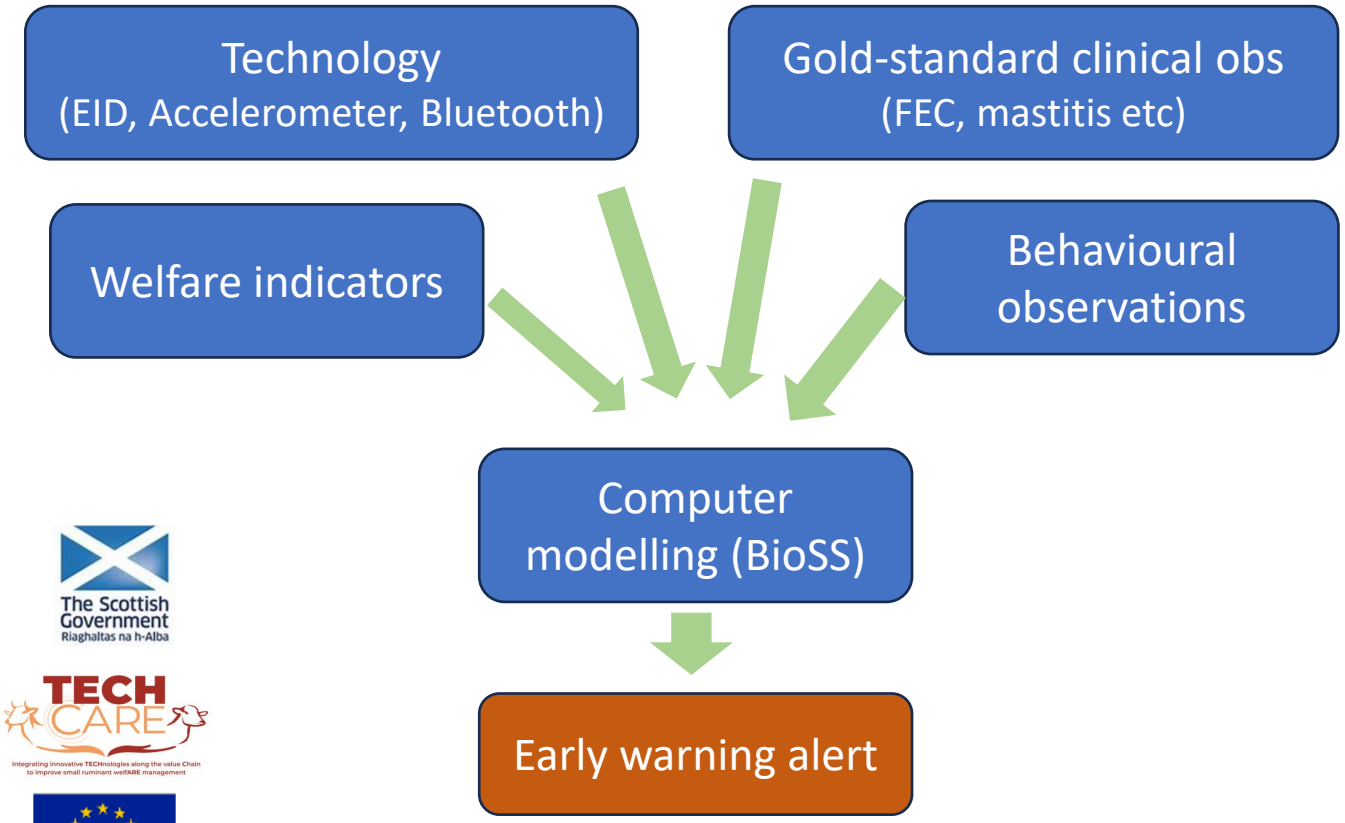
- Already common in dairy cattle
- Proof of Concept - algorithm to identify which lambs to worm (targeted selective treatment, TST)
  - Uses EID, weigh crate etc.

Current studies

Can compromised welfare be identified through:

- Activity/Behaviour/Location?
- What thresholds are required?





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TECH CARE
Integrating innovative TECHnologies along the value Chain to improve small ruminant welfARE management

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