

Quanti Farm

**LIVESTOCK FARMING DATAS
ANIMAL HEALTH, WELFARE &
MONITORING TECHNOLOGIES**

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FACTSHEET #16



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WHAT ARE THE DATSs?

Digital Agricultural Technology Solutions (DATSs) are digital tools, systems, and platforms that collect, analyse, and use data to improve farm management, productivity, sustainability, and animal welfare.

They support better decision-making by turning **real-time information** into **targeted actions** on the farm.

WHAT IS ANIMAL HEALTH, WELFARE & MONITORING?

Animal Health, Welfare & Monitoring is a category of **Livestock Farming DATSs** that focuses on **protecting animal health and detecting problems at an early stage**.

These technologies monitor **animal behaviour and physiological parameters**, helping farmers identify signs of disease, stress, or reproductive readiness before visible symptoms appear.

Their purpose is to support **preventive livestock management**, improve welfare, and maintain healthy and productive animals.

WHO IS IT FOR?

Animal Health, Welfare & Monitoring technologies are designed for:

Livestock Farmers and Farm Managers

aiming to improve animal health and welfare



Advisers and Extension Services

supporting preventive health management



Agricultural Consultants and Digital Innovation Hubs (DIHs)

promoting precision livestock farming



Researchers and Stakeholders

analysing animal health and welfare monitoring practices



They are applicable across different livestock species and production systems.

KEY OBJECTIVES

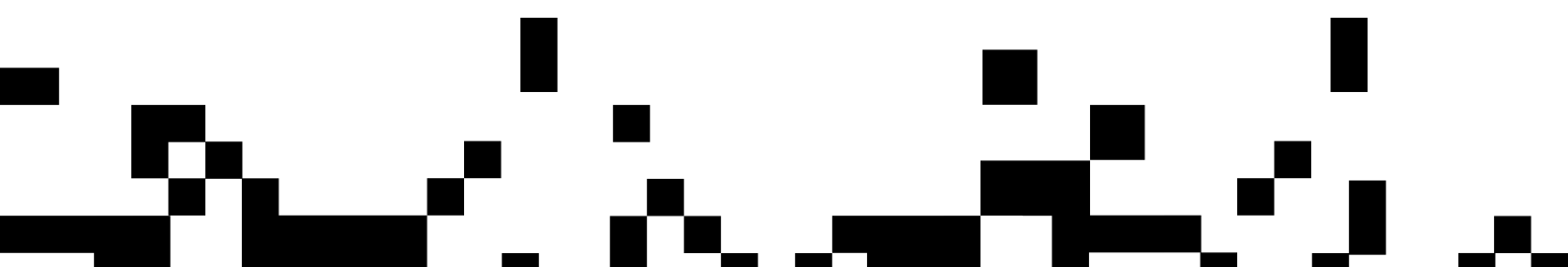
To detect health problems and stress early

To improve animal welfare and living conditions

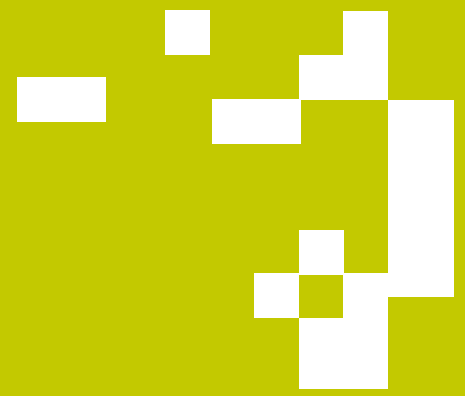
To reduce disease risks and associated losses

To support reproductive management and productivity

To enable evidence-based livestock management decisions



MAIN FEATURES



Animal Health, Welfare & Monitoring technologies focus on continuous observation and analysis of animal condition:

Wearable sensors

Track animal health, activity, and behaviour, helping farmers identify illness or stress.

Activity trackers

Monitor movement and behavioural patterns to detect changes linked to health or welfare issues.

Temperature sensors

Collect body temperature data to identify early signs of sickness.

Oestrus detection systems

Identify when female animals are ready to breed, supporting improved reproduction efficiency and farm productivity.

Together, these technologies help farmers **monitor animals continuously, prevent health issues, and improve welfare, supporting sustainable and productive livestock farming systems.**

Learn
More



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