STAKEHOLDER STATEMENT: PERSPECTIVE OF A DHI ORGANISATION

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DHI organisations collect and analyse production data to

- help with **decision making** and overall **herd management**
- improve **profitability, animal welfare** and long-term **sustainability**
- deliver aggregated information for **benchmarking** and sectoral **analyses**
- produce a trusted **documentation** of livestock farming practice
- provide reliable **data for breeding value estimation**
Why use sensor data at a DHI organisation?

- sensors deliver information that has already been recorded before
- sensor information is deemed to be available 24/7 and thus more complete
- sensors record additional information that has not been available before

⇒ Sensor data needs to be included as data source for DHI

- animal (and other) sensors are part of dairy herd management
- Sensor alerts are close to real time

⇒ Herd management and decision support tools need to support this
DHI organisations are trusted data handlers

- Long-term experience with farm/livestock data handling
- Existing infrastructure for data management, including analogue processes
- Usually closely linked to governmental and breeding organisations
- Farmers trust that data is handled in their interest
- Data is assessed and valued neutrally across brands, models etc.
Challenges for DHI organisations in sensor data handling and use

- Lack of **data access**
- Lack of **technical information** about the sensor system
- Great **variety of approaches** for the same problem
- Lack of **standardisation of observations and events**
- Lack of objective **quality measures for sensor information**