

STAKEHOLDER STATEMENT: PERSPECTIVE OF A DHI ORGANISATION

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ICAR THE GLOBAL STANDARD FOR LIVESTOCK DATA
Network, Guidelines, Certification

IDF Standing Committee on Animal Health and Welfare

ICAR / IDF WORKSHOP
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USING SENSOR DATA FOR ANIMAL HEALTH AND WELFARE IMPROVEMENT ALONG THE DAIRY VALUE CHAIN: MERITS AND REQUIREMENTS



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**

- 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**

- 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.

- 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**

