

## Animal Data Exchange - ICAR Working Group meeting

**Tuesday, May 31, 2022**

**From 14:00 to 17:00 (2 pm to 5 pm)**

This working group meeting is Open for any delegates that wish to attend.

Chair of the working group: Robert Fourdraine, Dairy Records Management Systems

### Summary of the working group

For the past 30 years the exchange of dairy data between milk recording organization, equipment manufacturers, and herd management software providers has been a foundational element to the many genetic, production and animal health improvements we have seen in on farm herd management. Many organizations offer products and services that rely on having access to data.

As dairy farms are modernizing, and the use of cloud-based solutions continue to grow we have seen a rapid increase in the types and amounts of data now available. The existing methods of data exchange that have served us for over 30 years will need to be replaced with more modern methods that can handle the larger volumes of data and also respond much faster.

The ICAR ADE working group has developed standards to exchange data using modern technology. Organizations that wish to offer and/or integrate with on farm solutions should adopt these standards today. Use of a common set of data exchange standards will minimize the number of custom solutions organizations will need to build. The ADE working group will continue to expand and promote the existing standards to ensure dairy industry organizations will have access to the necessary data and can continue offering dairy producers the next generation of herd management solutions.

### Agenda

- 14:00 Welcome (Robert Fourdraine)
- 14:10 Creating an agricultural data sharing eco-system in the Nordic region (Graham Moore, MIMIRO)
- 14:30 Review of current data that can be shared using ADE standards (Andrew Cooke)
- 14:45 Current additions being worked on (Andrew Cooke)
  - Group/mob statistics
  - Streaming API for system synchronization
  - Links between simultaneous or related events
- BREAK**
- 15:30 What should be next on the list (All)
  - Inclusion of Sensor data (Steven Sievert)
  - Group feed and other event data
  - Location monitoring data (a form of sensor data).
  - Body Condition Scores
  - Other suggestions?
- 16:30 Wrap up (Robert Fourdraine)
  - Do we need to continue outreach efforts?
  - Future direction of ADE working group
- 17:00 Adjourn