

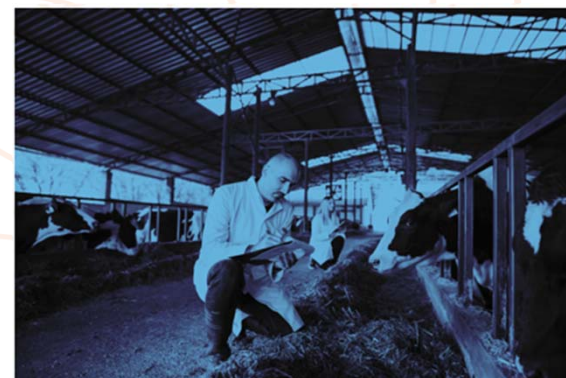


POTENTIAL AND RECOMMENDATIONS FOR THE USE OF SENSOR DATA FOR GENETIC IMPROVEMENT PROGRAMMES

ICAR & IDF Webinar

21st of January, 2026 15:00 – 17:00 CET

WELCOME



THE GLOBAL STANDARD
FOR LIVESTOCK DATA



Information



Presentations and guidelines will be uploaded on our homepage. **Link will be shared with the participants.**



We are recording the webinar. Registered participants will receive a link to the recording.



Q & A session: You will have the opportunity to ask questions to the joint initiative members.



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House rules



If you experience any **technical issues**, please use the **chat** or send an email to mosconi@icar.org



Use Q&A feature for questions or comments – please indicate your name, the speaker and then the question and comment



Penalists (speaker and colleagues of ICAR IDF Sensor Initiative):
If you need to ask an oral question, please, raise your hand and introduce yourself before asking the question.



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**Welcome by Ana Granados
(Director General ICAR) and
Richard Walton (IDF Chair of
Scientific Programme Coordination
Committee)**

**Moderation: Ilka Klaas (IDF
SCAHW, IDF SPCC, ICAR IDF Sensor
Initiative)**



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Introduction

- **AIM of the webinar:**
 - explore the potential of sensor data for use in genetics
 - present newly developed standards and recommendations
 - outline which data recommended to share
 - technical implementation of data exchange
 - exchange of experiences, feedback and discussion with key actors of the dairy value chain

Promote further and extended use of sensor systems along the dairy value chain to increase sustainability, animal well-being and efficiency in cattle production.

Agenda

- **15:00 Welcome and introduction** ((Ana Granados (ICAR) and Richard Walton (IDF))
- **15:10 Using data from sensors and other technologies to enhance dairy cattle breeding programs** (Luiz Brito)
- **15:30 AMS data as a new data source for genetic evaluation of existing and new traits** (Gerben de Jong)
- **15:45 New ICAR IDF Guidelines on sensor based behaviour information for functional traits with focus on rumination / data to share** (Christa Egger-Danner)
- **16:05 ICAR ADE Working Group: technical background and standards for sharing sensor data** (Robert Fourdraine and Valerija Volcic)
- **16:20 Questions & Answers, Discussion** (Ilka Klaas)
- **16:50 Summary and next steps** (Christa Egger-Danner)

Using data from sensors and other technologies to enhance dairy cattle breeding programs

by Luiz Fernando Brito



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AMS data as a new data source for genetic evaluation of existing and new traits

by Gerben de Jong



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New ICAR IDF Guidelines on sensor based behaviour information for functional traits with focus on rumination

by Christa Egger-Danner

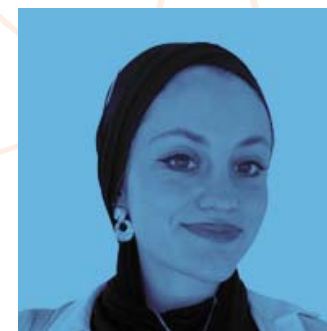
Chairperson ICAR Functional Traits Working Group



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ICAR ADE Working Group: technical background and standards for sharing sensor data

by **Robert Fourdraine & Valerija Volvic**



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Q & A

Use Q&A feature for questions or comments
Discussion

by Ilka Klaas



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Summary and next steps by **Christa Egger-Danner**



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