

# Summary and next steps

## by Christa Egger-Danner



# Summary

- **Sensor technologies offer many new opportunities**
- **Potential to enhance benefit out of sensor data / Precision Livestock Technologies** by usage across farms / dairy value chain (genetics, quality assurance)
- **Standardized definitions and terminology** – same language – for rumination elaborated
- **Reference standard defined** – further work on protocols ongoing
- Use case sensor data and genetics –**which data important – recommendations to share**
- **ICAR ADE elaborated technical framework** for standardised data sharing – **flexible for different types of data**
- **Technical solutions / platforms are available for routine data exchange**
- Governance and business models for data exchange beyond Initiative

# Next steps

- ICAR Guidelines will be published after feedback and update from ICAR and IDF members
- **Guidelines** will be updated and **further developed** continuously
- **Work on reference standards and guidance and protocols for testing and self calibrating** the performance of sensor systems for voluntary use - JDS: Invited Review Paper in elaboration
- **Use case for herd management and quality assurance**
- Feedback on needs and contributions welcome  
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# Workshop – ICAR Verona 2<sup>nd</sup> of June 2026



- **Open workshop before the ICAR Conference in Verona**
  - 2<sup>nd</sup> of June 2026 – 8:30 – 12:30 ICAR Conference Venue
- **Topic – Use of sensor data to improve health and welfare in dairy cattle**
  - Target group: stakeholders and experts from academia and industry along the dairy value chain
  - New results and updates from our initiative
  - Invited talks and discussions
- **Detailed programme will be announced soon**

# Thank you for your participation and contributions!

## See you in Verona!



### Shaping the Future of Sustainable Livestock

#### Let's meet in Verona

A gateway to culture, connectivity, and culinary excellence

Welcome to Verona, the host city of our 2026 conference – a place where strategic location meets authentic charm. Ideally located at a major European crossroads, Verona offers seamless access to neighboring countries and is just 1.5 hours by high-speed train from Milan International Airport. Surrounded by natural and cultural wonders like Lake Garda, Venice, the Alps, and the Dolomites, it's a perfect base for exploration. The region is also known for its deep-rooted tradition in animal farming and artisanal food production, offering delegates the chance to experience world-famous culinary icons.

