



THE GLOBAL STANDARD
FOR LIVESTOCK DATA



Network. Guidelines. Certification.

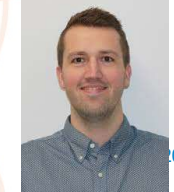
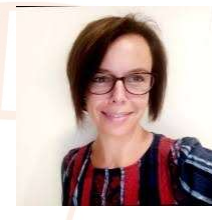
ICAR Feed&Gas Working Group

May 21st, 2024

Bled, Slovenia

11 members

- Christine Baes (UoG, Canada)
- Karoline Bakke (Geno, Norway)
- Lorenzo Benzoni (ANAFIBJ, Italy)
- Raffaella Finocchiaro (ANAFIBJ, Italy)
- Maria Frizzarin (Teagasc, Ireland)
- Birgit Gredler-Grandl (WUR, Netherlands, chair)
- Nina Krattenmacher (CAU, Germany)
- Jan Lassen (Viking Genetics, Denmark)
- Jennie Pryce (AgVic, Australia)
- Caeli Richardson (AbacusBio, UK)
- Rasmus Bak Stephansen (AU, Denmark)



ICAR Feed & Gas Working Group

- Industry and Research liaison groups
- Advisory group
 - Michael Aldridge (AGBU, Australia)
 - Oscar Gonzalez-Recio (INIA, Spain)
 - Filippo Miglior (Lactanet, Canada)
 - Marcin Pszczola (PULS, Poland)

Core objectives

Forum to exchange, collaborate, learn from each other

Maintain update, promote and extent guidelines for cattle, sheep, goats

Periodic international services



**FEED INTAKE
METHANE EMISSION**



Promote and develop system for data storage and genetic evaluation

Facilitate international collaboration in research and development

Webinars, workshops; Reach out to manufacturers



Picture: Jennie Pryce

Webinars & SOPs workshops

- Large scale recording of feed intake on commercial farms (2023)
<https://www.icar.org/index.php/technical-bodies/working-groups/working-groupsfeed-and-gas/webinar-march-2023-on-large-scale-recording-of-feed-intake-in-dairy-cattle-on-commercial-farms/>
- MIR to predict methane emission (2024)
<https://www.icar.org/index.php/technical-bodies/working-groups/working-groupsfeed-and-gas/webinar-on-mir-to-predict-methane-emissions-march-2024/>
- Microbiome as proxy for methane emission (2024)
- Sniffer & GreenFeed SOP 2023
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Priorities

Guidelines:

- Available here:
- <https://www.icar.org/index.php/icar-recording-guidelines/>
- Update
 - New content (SOPs)
 - Wiki format (Lorenzo and Rasmus)
- ICAR Feed&Gas ↔ Global Methane Genetics – Global Methane Hub
- Brian Wickham Young Professional Exchange Program