

6 April 2022 - SmartCow Final conference
Fondation Universitaire - Rue d'Egmont 11 - Brussels

08:30 – 09:00 Registration

09:00 – 09:10 Welcome and introduction - René Baumont (INRAE) - project coordinator

09:10 - 09:45 Session 1: Networking of cattle infrastructures and improving experimental approaches and methods in cattle experiments

- Interactive map and survey of cattle facilities across Europe – Patricia Ryan, Michael O'Donovan – TEAGASC
- Standardizing vocabulary and methods, sharing data: ontologies, book of methods and data platform – Bjorn Kuhla (FBN); Catherine Hurtaud (INRAE); Anisa Aubin (Agrimetrics)

09:45 – 10:30 Session 2: Advances in cattle phenotyping capabilities (1st part)

- Refining gold standard methods in cattle nutrition – Chris Reynolds (UREAD); Jan Dijkstra (WU)
- Proxies to predict feed efficiency and emissions – Cécile Martin (INRAE); Frédéric Dehareng (CRA-W), Gonzalo Cantalapiedra (INRAE)

10:30 – 11:00 Coffee break

11:00 – 11:45 Session 2: Advances in cattle phenotyping capabilities (2nd part)

- Sensors techniques to phenotype behavior and health – Isabelle Vessier (INRAE), Kees van Reenen (WUR-DLO)
- Ethics and implementation of 3R in cattle experiments – Kenny Rutherford (SRUC)

11.45 – 12.30 Session 3: Opening access of cattle facilities to new academic and industry users

- An overview of Transnational Access (TNA) program in SmartCow – Richard Dewhurst (SRUC)
- Feedback from TNA users: Angela Schwarm (Norwegian University of Life Science, Norway); Raphaël Boré (Idele, France); Joan Edwards (Palital Feed Additives; The Netherlands)

12:30 – 14:00 Lunch

14:00 – 14:45 Session 4: Policy makers

- Infrastructure work program in Horizon Europe – Jimena Arango Montanez (REA - DG Research)
- Societal challenges and research need for the livestock sector – Jean-Charles Cavitte (DR AGRI)

14:45 – 15:45 Round table: Industry and academic needs for research infrastructures in animal science

Arnaud Bouxin (FEFFAC), Ana Granados (EFFAB/ATF); Sven Dänicke (FLI); Nicolas Friggens (INRAE - GENTORE); Marc Vandeputte (INRAE – AquaExcel); Jaap van Milgen (INRAE - PigWEB)

15:45 – 16:05 Session 5: The future of SmartCow – René Baumont (INRAE)

16:05 – 16:15 Closing