



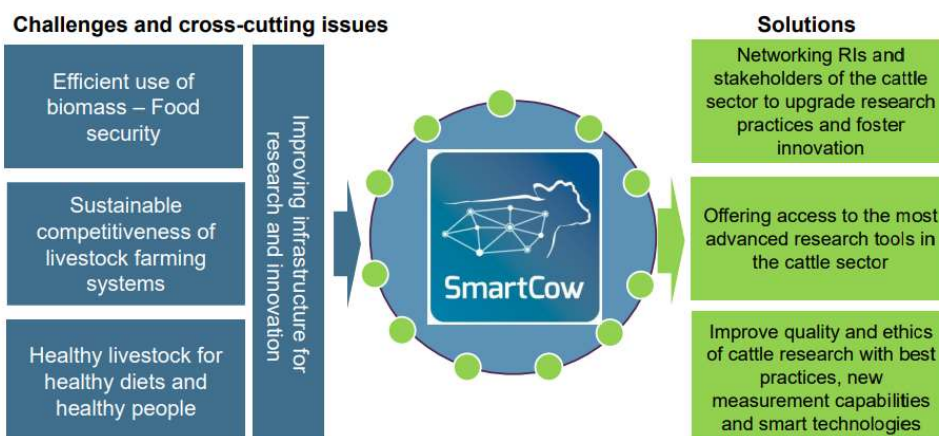
## Discover the SmartCow project and Dairy Campus facilities

**SmartCow National Workshop – January 14, 2022 – Dairy Campus (the Netherlands)**

Visitors are welcome at Dairy Campus (Leeuwarden, the Netherlands) to learn about the European SmartCow project and to discover the dairy cattle facilities of Dairy Campus of Wageningen UR.

SmartCow ([www.smartcow.eu](http://www.smartcow.eu)) is a research infrastructure project (2018 – 2022) funded by the European Union. SmartCow integrates key European cattle research infrastructures to promote their coordinated use and development and thereby help the European cattle sector face the challenge of sustainable production. Covering all the relevant scientific fields and the diversity of cattle types and production systems, SmartCow provides the academic and private research communities with easy access to major research infrastructures from 7 countries (18 installations). SmartCow combines strong scientific and technical skills in animal nutrition (in vivo methods for nutrient utilization and emissions measurements), genetics (genotyped animals, phenotyping capabilities), health and welfare (sensors and automatic recordings of physiological and behavioural traits) and ethics in animal experimentation.

Wageningen University & Research participates in the SmartCow project with two facilities. These are Carus, the research facility at Wageningen, and Dairy Campus, the research facility at Leeuwarden. The Dutch SmartCow Workshop January 14 is intended to present some of the main results of the project, as well as to visit the facilities at Dairy Campus.



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**Programme Dutch SmartCow workshop – Dairy Campus Leeuwarden – January 14, 2022**

**10:00 – 10:30** Welcome, coffee/tea

**10:30 – 11:00** An introduction to the SmartCow project (René Baumont, SmartCow project coordinator, INRAE Centre Clermont-Auvergne-Rhône-Alpes, France)

**11:00 – 11:45** Effect of source and frequency of metabolizable protein supplementation on milk production and nitrogen efficiency of dairy cattle – A transnational access (TNA) experiment (Kelly Nichols, Animal Nutrition Group, Wageningen University & Research, the Netherlands)

**11:45 – 12:30** Quantifying resilience of dairy cows with the use of sensor data – A joint research activity (JRA) project (Ingrid van Dixhoorn, Wageningen Livestock Research, Wageningen University & Research, the Netherlands)

**12:30 – 13:30** Lunch

**13:30 – 15:00** Visit of dairy facilities, including automated feed intake control bins, Greenfeed system to measure gaseous exchange, facility for behavioural tests

**15:00 – 15:30** Feedback visitors on SmartCow programme, dairy research needs, and international collaboration

**15:30 – 17:00** Drinks

**Location:** Dairy Campus, Boksumerdyk 11, 8912 CA Leeuwarden -  
<https://www.dairycampus.nl/en/Home.htm>

**Registration:** Please register before December 17, 2021, by sending an email to the following address: [wlrsecanimalhealth-welfare@wur.nl](mailto:wlrsecanimalhealth-welfare@wur.nl) and mention in the subject 'Stakeholder meeting SmartCow'.

**Further information:** For further information, please contact Dr Kees van Reenen ([kees.vanreenen@wur.nl](mailto:kees.vanreenen@wur.nl)) or Dr Jan Dijkstra ([jan.dijkstra@wur.nl](mailto:jan.dijkstra@wur.nl))