



SmartCow

an integrated infrastructure for increased research capability and innovation in the European cattle sector

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SmartCow's training and capacity building activities

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What is the training and study tour program ?

It consists of :

- Face-to-face training courses (1-3 days)
- Web conference training courses, accessible with PC, Internet + phone (2 hours)
- One-day study tours

It aims to share the results of the project : methods, techniques, use of tools...

It includes lectures, exchanges with scientists, visit of RI facilities and farms...

Trainers and targets

- Trainers : scientists from the partner organizations involved in the project : Inra, SRUC, Aarhus University, FBN Leibniz, Teagasc, CRA-W and Irta
- Targets : researchers, scientists, technicians... from research organisations, industry, advisory bodies, farmers' organisations...

Budget and language

- The project covers the tuition fees
- The project doesn't cover the travel expenses of the participants
- The Web conference training courses are completely free for the participants
- Courses in English

How does it work ?

- A first training catalogue and study tour is already available
- It will be updated as the project advances
- Candidates can already preregister
- Dates of the training courses will be set according to the received preregistrations

Training courses

	Period	Organizing center	Type
Gold standard methods to assess key phenotypes in ruminant nutrition	Spring 2019	INRA	Face to face
Measurement techniques and proxies for ruminant methane emissions	2019	SRUC	Web Conference
Measurement techniques and proxies for feed efficiency of beef cattle	2019	SRUC	Web Conference
Feed efficiency in dairy cattle	2019	IRTA	Web Conference
Ethics and welfare in animal experimentation	Spring or autumn 2019	INRA	Face to face
Respiration chamber and methane emission	Late 2019, early 2020	FBN Leibniz	Face to face
Ontologies in SmartCow	Early 2020	INRA	Face to face
Validation and use of sensor outputs for recording animal behavior	Early 2020	Aarhus University	Face to face
Introduction to Infrared spectroscopy tools developed in SmartCow	In the second half of 2021	CRA-W	Web Conference
Biomarkers assisted-predictions of feed efficiency and their main determinants	Late 2021	INRA	Web Conference

The study tour program

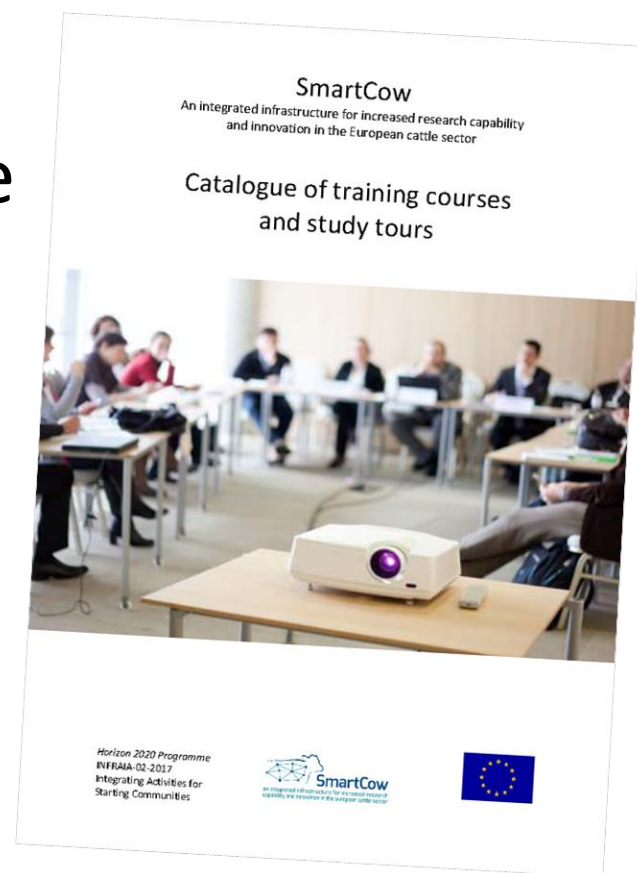
	Period	Organizing center	Location
Innovations to improve feed efficiency, reduce GHG emissions and improve the welfare of beef cattle	February or March 2019	SRUC	UK
INRA Herbipôle: A European Research Infrastructure on cattle in mountain grassland area	October 2019	INRA	France
Danish Cattle Research Centre	Early 2021	Aarhus University	Denmark
Intensive grazing systems in temperate climates	Early 2022	Teagasc	Ireland

For further information

Download the detailed catalogue
from www.smartcow.eu

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Thank you for your attention !