



If you are a stakeholder, scientist, technician or student in cattle production, from any EU country...
If you feel concerned about issues of innovations to improve feed efficiency, reduce GHG emissions and improve the welfare of beef cattle...

If you want to visit beef and dairy facilities and meet scientists of SRUC in Scotland

If you want to learn about the EU funded SmartCow project and how you can contribute to it

... You are very welcome to join this study tour!

> Program

Tuesday 5th March

- 12:30 – 13:00** **Arrivals and Welcome at SRUC** Easter Howgate Farm (close to Edinburgh)
- 13:00 – 15:00** **Tour of SRUC beef research facilities** with presentation from researchers on:
- Feed efficiency and proxies
 - Precision livestock farming technologies
 - Animal handling and welfare
 - Methane emissions (respiration chambers and proxies)
- 15:00/Transfer by coach from SRUC beef facilities to Dumfries via the commercial farm**
- 16:00 – 17:00** **Visit to a commercial beef farm** demonstrating precision livestock farming technology, with presentations from the farmer and technical staff of Agri-EPI Centre Ltd

Wednesday 6th March

- 09:00 – 09:30** **Arrivals and Welcome at SRUC** – Dumfries
- 09:30 – 10:30** **Lecture by Professor Chris Reynolds**
- Using feed protein more efficiently and reducing ammonia emissions from dairy systems
- 10:30 – 11:00/Coffee break**
- 11:00 – 12:30** **SmartCow, a project to promote coordinated use and development of key European cattle research infrastructure**
- Presentation of the project
 - Discussion: how can I contribute to SmartCow and what benefits could I reap from it?
- Speaker: René Baumont (Inra, France), Chair: Richard Dewhurst (SRUC, UK)*
- 12:30 – 13:30/Lunch break**
- 14:00 – 16:00** **Tour of SRUC dairy research facilities** with presentation from researchers on:
- Phenotyping within the Langhill breeding experiment
 - Nutrition trials with dairy cows
 - Calf research facilities
 - Precision livestock farming technologies (cow and calf health)
 - Laser methane detector (methane proxy)
- 16:00 – 17:30** **Afternoon tea and presentation of SRUC beef research facilities**
- Feed efficiency and proxies
 - Precision livestock farming technologies
 - Animal handling and welfare
 - Methane emissions (respiration chambers and proxies)

17:30/Transfer by coach from Dumfries to Edinburgh

Registration
[Click here for registration](#)

Fees
Free participation

Deadline for registration
13th February

Contact person

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**For more details about
the SmartCow project**
www.smartcow.eu

