

Net Zero Carbon: How We Can Meet UK Livestock Targets

Virtual Event

3 December 2021 | 10:00 – 15:00

**Organised by Centre for Innovation Excellence in Livestock (CIEL)
and the British Society of Animal Science (BSAS)**

Synopsis

Climate change is the greatest environmental challenge currently facing our planet and the way we live. Addressing this will require concerted and coordinated efforts to reduce greenhouse gas emissions from human activity.

Farmed livestock are one source of such emissions. Achieving net zero carbon requires a strong consensus on where the industry is currently and a clear understanding of the areas which can contribute the most towards achieving this ambition.

Reducing the environmental footprint of livestock production and adapting our livestock production systems to the changing climate to support global food security is possible. But we need to identify the most effective solutions to each problem and implement these solutions via strong political will and action at both a local and global scale.

Book today

To secure your place, please:

[CLICK HERE](#)

You will be sent confirmation of your registration to attend the event. A link to the virtual event will be sent to you on 29 November 2021.

Attendees

This will be a unique opportunity to learn and discuss with experts in the field, in meeting UK livestock net zero carbon targets, whilst expanding your relevant network and developing new partnerships. This event is aimed at people of all career stages and will be of interest to the following:

- Stakeholders across the animal food production and animal processing chain
- Specialists, students and early-career researchers in all areas of livestock production, greenhouse gas emissions, climate change and environmental modelling
- Those seeking evidence-based information around livestock and net zero carbon and those involved in policy-making



Programme

Time	Activity	Confirmed Speakers
10:00	Welcome and Introduction	Michael Lee, BSAS
10:00 – 10:10	Vision of the future and the policies that will help to deliver it	David Kennedy, Director General for Food, Farming and Biosecurity, DEFRA
10:10 – 10:25	Net zero livestock: A brief introduction: Why we farm animals? How and where we should farm animals	Mark Young, CIEL
10:25	Session 1: Our animals	
10:30-10:45	Resilient feeding for reduced greenhouse gas emissions	Chris Reynolds, University of Reading
10:45-11:00	Producing more from less: the role of the efficient animal	Alison Van Eenennaam, UC Davis
11:00-11:15	Applied solutions for net zero carbon animals	Michael Marsden, AB Agri
11:15-11:30	Discussion with speakers and audience – Q&A session	Chair: Sokratis Stergiadis, University of Reading
11:30- 11:40	COMFORT BREAK	
11:40	Session 2: Our farms	
11:45-12:00	Carbon sequestration at livestock farms and different production systems	Bob Rees, SRUC
12:00-12:15	Smart livestock	Andrew Dowsey, University of Bristol
12:15-12:30	Applied solutions for net zero carbon in livestock farms	Alasdair Sykes, Trinity Agtech
12:30-12:45	Discussion with speakers and audience – Q&A session	Chair: Melanie Le Bon, Mars Petcare
12:45 – 13:30	LUNCH BREAK	
13:30	Session 3: Creating net zero systems	
13:35-13:50	Predict, measure and report greenhouse gas emissions from livestock	Tom Misselbrook, Rothamsted Research
13:50-14:05	Strategies to inform decision making on dairy and meat supply chain	Jude Capper, Harper Adams University
14:05-14:20	Farming for Net Zero	Henry Clifford & Miriam Harrison, Agri Climate Group, DEFRA
14:20-14:35	Applied solutions for net zero carbon in the supply chain	Anne Richmond, Moy Park
14:35-14:50	Discussion with speakers and audience – Q&A session	Chair: David Kenny, Teagasc
14:50 – 15:00 CLOSE	Closing Remarks	Lyndsay Chapman, CIEL

For further information please contact BSAS on:

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