

atf

animal
task
force

A European Public-Private Partnership



EAAP

European Federation of Animal Science



2nd one-day symposium of the Animal Task Force & the EAAP Commission on Livestock Farming Systems



**Livestock emissions
and the COP26 targets**

Photo credit: Volker Hartmann/Getty Images

Feedback from BSAS 2022
‘The role of animals in human and
planetary health’

Prof Michael Lee
LFS-EAAP Commission President
BSAS Past President
HAU Deputy Vice Chancellor

BSAS 2022

The role of animals in human and planetary health



Debating the role that animals play on the wider stage of dietary, environmental and mental health, the conference connected delegates from around the world during three days of topical and cutting-edge research discussion, headed by expert speakers and panellists. The programme incorporated specialisms across the sector, discussing topics at the heart of animal science and planetary health.

Dietary Health

- What role do animal products have within a healthy balanced diet?
- How much meat is good for us?
- Biological value of animal-based protein

Environmental Health

- Are Livestock bad for the planet?
- Can C-neutral livestock systems be possible?
- The role of grazing in delivering biodiversity and soil carbon

Mental Health

- The social implications of eating and dining
- Companion animals help us live longer and happier lives
- Supporting our rural communities



Net Zero at BSAS 2022



Net Zero, next generation feed

- Saheed Salami, Alltech | Future-proofing sustainable animal production systems with feeding technologies
- P Meo-Filho | Assessing the enteric methane emissions from beef cattle fed silage from different pasture types during the winter housing period
- X. Chen | Artificial neural network model for prediction of manure nitrogen excretion from lactating dairy cows sustainability of silage

Livestock Innovation for Biodiversity and Carbon

- Christina Marley, Aberystwyth University | The role of grasslands to deliver biodiversity and protect soils in sustainable agri-food production

Net Zero & Livestock: How farmers can reduce emissions?

- Lyndsay Chapman and Harry Kamilaris, CIEL
- Elizabeth Magowan, AFBI
- Panel Discussion: Tom Misselbrook, Rothamsted Steven Morrison, AFBI Bob Rees, SRUC and Taro Takahashi, Rothamsted

Sustainability is Broader than Net Zero!

- Donald Broom, University of Cambridge | Using sustainability scoring to evaluate animal production
- John Newbold, SRUC | Place-led dairy farming and the forgotten science of rumen physiology
- Kevin O'Connor, Biorbic | Farm Zero C – On a journey to climate neutral dairy farming

Challenge the Calculator

- Trinity AgTech (Sandy), Cool Farm Alliance, Farm Carbon Toolkit and AgreCalc – all challenged by the scientific audience



bsas
CONFERENCE
2023



Animal science: delivering for all our needs

Working together to shape the future of animal science
28-30 March 2023 • Birmingham