



# Livestock and Climate Change - A Veterinary Perspective

## At a glance...

### Modular customised provision

Delivery Method: Online

## Overview in brief

'Livestock and Climate Change - A Veterinary Perspective' is designed to equip farm veterinary professionals with knowledge on some of the key issues of our time – climate change and animal health and welfare, and leverage our unique role as trusted advisors to the food and farming businesses around the world on which we all depend. For those working in farming communities, the growing pressure to reduce carbon emissions from food production is palpable. As pressure grows, consumer demands shift and government regulations are enacted – and in response, farmers are pursuing ambitious climate and sustainability goals, leveraging their unique positions as stewards of the land.

## The finer details

The 6-module course includes:

- Introduction to Sustainability for Veterinary Professionals
- Farm Emissions Science
- Emissions in Housed Livestock Systems
- Health, Welfare and Disease
- Grazing and Nature Based Solutions
- The Vet as a 'Change Maker'

## Who should attend?

The course is aimed at all veterinary professionals and members of the veterinary team. The course has no enrolment criteria or requirements, but learners should ideally have a technical or



scientific background, and be able to dedicate 1-2 hours of private study to each module over the course of 3-6 months.



## What will be covered?

- To understand the role of veterinary professionals in driving sustainability, through our own operations and in the sectors we influence, including agriculture
- To summarise the key environmental impacts that are associated with animal agriculture
- To understand the different metrics currently used to measure carbon emissions and how the use of these metrics may present challenges
- To have a broad understanding of nutrition in housed systems and to have a working knowledge of how some of these systems may affect the environment at a production level
- To understand how feeding for improved growth rates may have trade-offs in terms of animal health and welfare.
- To be able to demonstrate how the principles of behavioural change may be applied in an on-farm situation
- To understand emission production in healthy animals, and how this may change in a state of disease
- To understand how grazed systems may be used to pursue sustainability goals and how they may impact animal health and welfare.
- To be able to demonstrate how the principles of behavioural change may be applied in an on-farm situation
- To understand the role of veterinary businesses in supporting the sustainability agenda, and how a team may transition towards more sustainable and regenerative practices

## Other areas of interest

[A Veterinary Approach to Sustainable Food and Farming](#)

[A Sustainable Approach to Clinical Veterinary Practice](#)



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