Meat and dairy net-zero supply chain

Online webinar
3rd August 2023, 12:30 GMT / 13:30 CET

REGISTER AT
www.climate-kic.org/SustainableFoodWebinar
Housekeeping

- This session is being recorded & will be available on the below website
- Slides will be shared on the below website
- Questions in the chat please
- Please share your feedback with us at the end!

More information: climate-kic.org/SustainableFoodIreland
Agenda

10’ welcome & setting the scene
10’ presentation
40’ discussion/ panel incl. Q&A
5’ observer feedback
5’ feedback & close

More information: climate-kic.org/SustainableFoodIreland
Joining us today

Saskia Visser  
Resilient & Climate Neutral regions Cluster Manager, EIT Climate-KIC, NL

Stewart Gee  
Designer & Producer, Ireland Agri-Food Sector Transformation, EIT Climate-KIC, IRL

Conor Mulvihill  
Director of Dairy Industry Ireland, IRL

Sarah Posser  
Programme Weaver Bioregional Weaving Lab Waterford, IRL
Why these sessions?

More information: climate-kic.org/SustainableFoodIreland
The Report

Dealing with Climate Change and Sustainability Targets

The innovation potential for the Irish Agri-Food Sector

More information: climate-kic.org/SustainableFoodIreland
Join us!

EVENT

From farm to fork: Shaping sustainable food systems

LOCATION
Dublin, Ireland & online

DATE
28 September 2023, 9:00 - 17:00 IST

REGISTER FOR THIS EVENT
Meat & dairy
net zero supply chain

Chapter 5
Authors: Stewart Gee | Saskia Visser
Contributors: Alexandra Fox | Willow Sommer | Anne de Valença
Setting the Scene - Ireland

Agriculture accounts for 6% of GNI and 37.5% of emissions

Not including LULUCF @10.7%

90% of agriculture produce is exported

Total **value** of Food & Drink Exports increased by 23.2% between 2015 and 2021

Further year on year increase of 22% in 2022!

Agriculture emissions decreased in 2022 by 1.2%

Mainly due to reduced use of fertilisers
Sustainability in Irish Meat & Dairy

- Origin Green is a key factor in Ireland’s export success
- World’s only national food and drink sustainability programme
- Voluntary initiative that reaches 55,000 farmers and over 300 businesses
  - Sustainable Dairy Assurance Scheme (SDAS)
  - Sustainable Beef and Lamb Assurance Scheme (SBLAS)
- Based on international standards with a strong focus on Science Based Targets
- Currently focuses on emissions intensity.
- Price **differentials** offered in Dairy & Meat
Examples: Global Corporate Initiatives

• Sustainable Agriculture Initiative
  • Links directly to Origin Green

• Global Corporate Commitments
  • Danone France – 100% ingredients sourced from regenerative production by 2025
  • Danone's Cool Farm tool in North America - GHG, biodiversity & water impacts

• Involved in Research Projects such as ClienFarms
  • Danone, Nestle, Friesland Campina etc.
  • Teagasc and EIT Climate KIC
Examples: Holistic Initiatives

- Biodiversity Monitor for Dairy Farming – Netherlands
  - Friesland Campina, Rabobank & WWF NL
  - 7 outcome based KPIs

- General Mills – Ecosystem Services Market Consortium
  - Large scale implementation of payments for ecosystem services – early stages

- Arla Foods – Denmark
  - 2.4c/litre = €26,000
  - Climate Check tool – Biodiversity, climate & water
Examples: Climate/Carbon Neutral Meat

- New Zealand – Silver Fern Farms
  - Net Carbon Zero by Nature Angus Beef by ‘insetting’
- Uruguay – Carbon Neutral Beef
Scope 1 and 2 emissions

- Technology innovations
- Packaging and circularity (later webinar!)
- Resource and energy management
- Energy efficiency
- Switching to renewables
- Efficient use of side flows
- Potential for value added and reduced 'waste'
- Diversifying into plant based proteins
Recommendations

- Champion new and ambitious sustainability regulations
- Enable inclusive decision making for Just Transition
- Pre-competitive collaboration and robust sustainability standards
- Science-based targets, tools and guidance
- Look beyond primary producers: innovate in the production chain - diversify
Panel discussion

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Resilient & Climate Neutral regions Cluster Manager, EIT Climate-KIC, NL

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Conor Mulvihill
Director of Dairy Industry Ireland, IRL
Thank you!

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