

WEBINAR SERIES

# 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](http://www.climate-kic.org/SustainableFoodWebinar)

Deep Demonstration

Sustainable food systems in Ireland



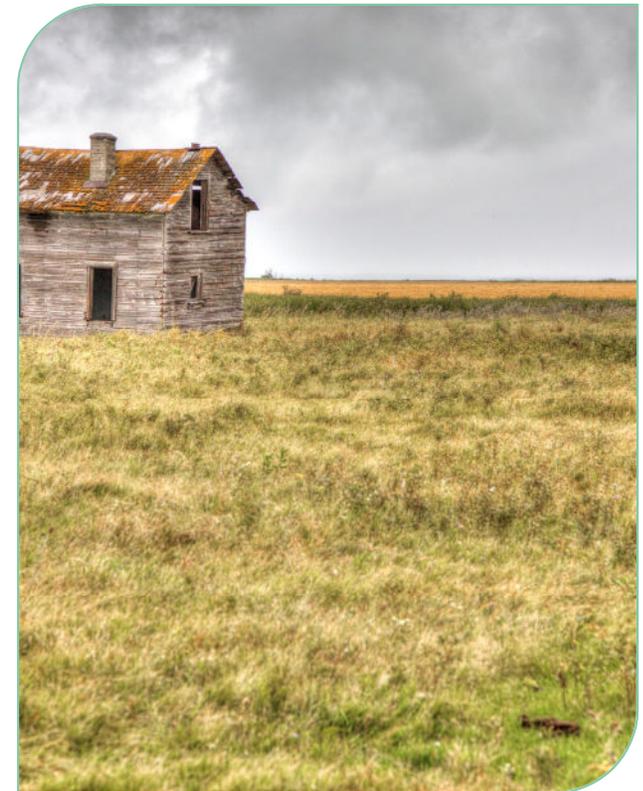
# Housekeeping

- 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](https://climate-kic.org/SustainableFoodIreland)

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# Agenda

10' welcome & setting the scene

10' presentation

40' discussion/ panel incl. Q&A

5' observer feedback

5' feedback & close

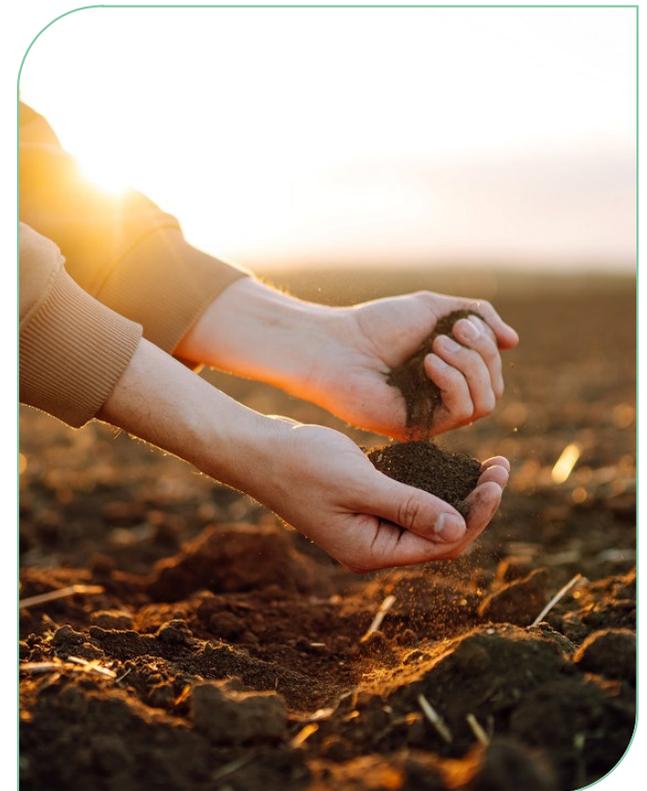
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# Joining us today



**Saskia Visser**

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



**Stewart Gee**

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



**Conor Mulvihill**

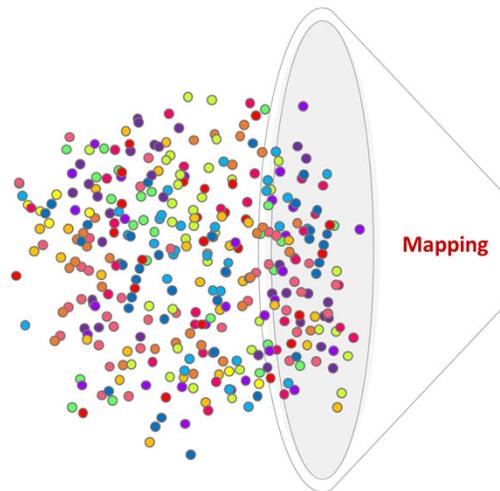
Director of Dairy Industry  
Ireland, IRL



**Sarah Posser**

Programme Weaver  
Bioregional Weaving Lab  
Waterford, IRL

# Why these sessions?



Deep Demonstration

Sustainable food systems in Ireland



## Dealing with Climate Change and Sustainability Targets

The innovation potential for the Irish Agri-Food Sector

Editor | Saskia Visser  
Amsterdam | March 2023



[More information: climate-kic.org/SustainableFoodIreland](https://climate-kic.org/SustainableFoodIreland)

# The Report

## Dealing with Climate Change and Sustainability Targets

The innovation potential for the Irish Agri-Food Sector

Editor | Saskia Visser

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# Join us!

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EVENT

## From farm to fork: Shaping sustainable food systems



LOCATION

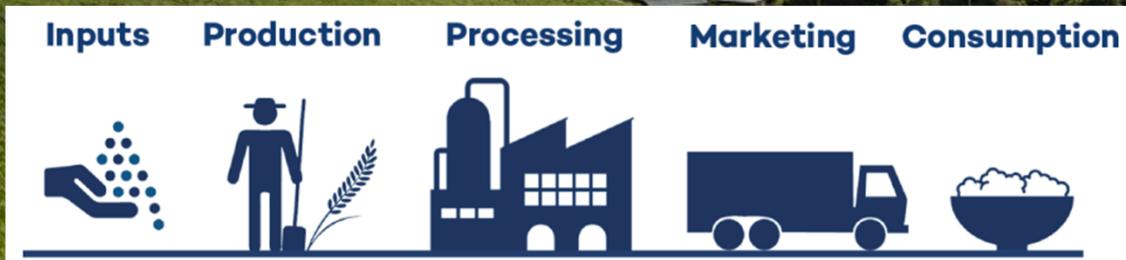
Dublin, Ireland & online

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%

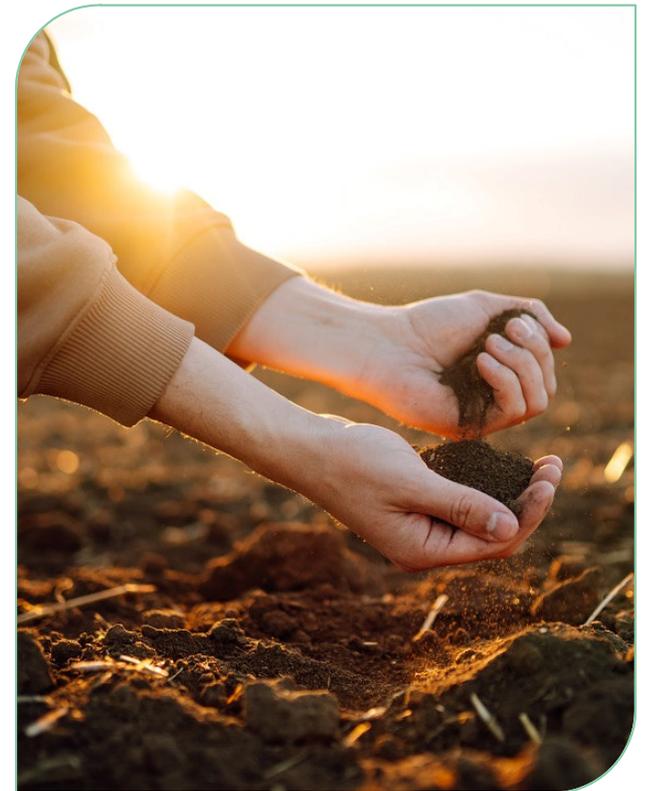
90% of agriculture produce is exported

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



Ireland's food and drink sustainability programme

# Examples: Global Corporate Initiatives

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- 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



**ClienFarms**  
Climate Neutral Farms

- Involved in Research Projects such as ClienFarms

- Danone, Nestle, Friesland Campina etc.
- Teagasc and EIT Climate KIC



# Examples: Holistic Initiatives

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- 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

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- New Zealand – Silver Fern Farms
  - Net Carbon Zero by Nature Angus Beef by ‘insetting’
- Uruguay – Carbon Neutral Beef



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FERN®  
FARMS**

# 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

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# 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

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# Panel discussion



**Saskia Visser**

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



**Stuart Gee**

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



**Conor Mulvihill**

Director of Dairy Industry  
Ireland, IRL



Thank you!

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