Proteins and feed

Online webinar
31st 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’ feedback & close

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

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

Prof. Steve Evans
Chairman, Project X Global, UK

Sinead Fitzsimons
U-Protein Project Manager, Teagasc, 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

Editor | Saskia Visser
Amsterdam | March 2023

More information: climate-kic.org/SustainableFoodIreland
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
Proteins and feed

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31st August 2023, 12:30 GMT / 13:30 CET

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www.climate-kic.org/SustainableFoodWebinar
Advisory, Design and Implementation of demand-led innovation programmes, and system’s funding products

Project X is a certified B-corp

PROGRESS AT THE PACE THE PLANET NEEDS IT
GENERAL TRENDS
FEED & PROTEIN

Significant Growth in soy – increased supply risk
Localisation in feed production
High energy costs – fertilizer & feed increasing
Feed with methane busting additives – climate smart cows
Regenerative agriculture – demand for regenerative feed

Diets moving to more sustainable eating and food systems
Plant based diet increasing
Low Carbon – Net Zero Carbon Commitments
Cheap meat availability
Alternative Protein Regulation
FEED SOURCES

- Ireland increased feed production 6% 2020-21
- Ireland: cattle 56% (36% self-sufficient), pigs & poultry 28%
- 140mT pa
- Future growth in compound feed
• Growth in aquaculture?
• Ireland in key location
• $900M gov’t invested
• 2021: $5Bn, 258 deals
• No leadership (yet)
ALTERNATIVE PROTEINS

1. Growth in aquaculture?
2. Kelp/ mussels / insects / grass / fermentation as new sources of protein
3. Ireland in key location
TRENDS: HUMAN DIETS

- Meat +42%
- Future:
  - 49% want chemical free food
  - 42% to plant based
  - 18% Ire ‘less but better meat’
KEY FINDINGS

1. Significant and fast moving trends (soy feed risk, energy & fertilizer costs, cow methane, net zero policies, localised feed production, plant-based diets)

2. Potential Ireland advantage in cell-based & algae/seaweed

3. Irish gov’t policy (agri-food, challenge based innovation) & co-ordination competence offer opportunities to mobilise finance toward a new sub-sector
RECOMMENDATIONS FOR IRISH GOV’T

- Implements a cross-Government Strategy on Alternative Proteins
- Responds to the changing needs of modern consumers
- Develops a DLI protocol & an eco-system to support the adoption at scale of sustainable protein alternatives
- Enables equitable access for alternative proteins
- Addresses the growing concern for the health of our lands & oceans & biodiversity through alternative protein strategies that lead to regeneration
Go raibh maith agat
Diolch
Thank you
Into the discussion

Saskia Visser
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Prof. Steve Evans
Chairman, Project X Global, UK

Sinead Fitzsimons
U-Protein Project Manager, Teagasc, IRL
Thank you!

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