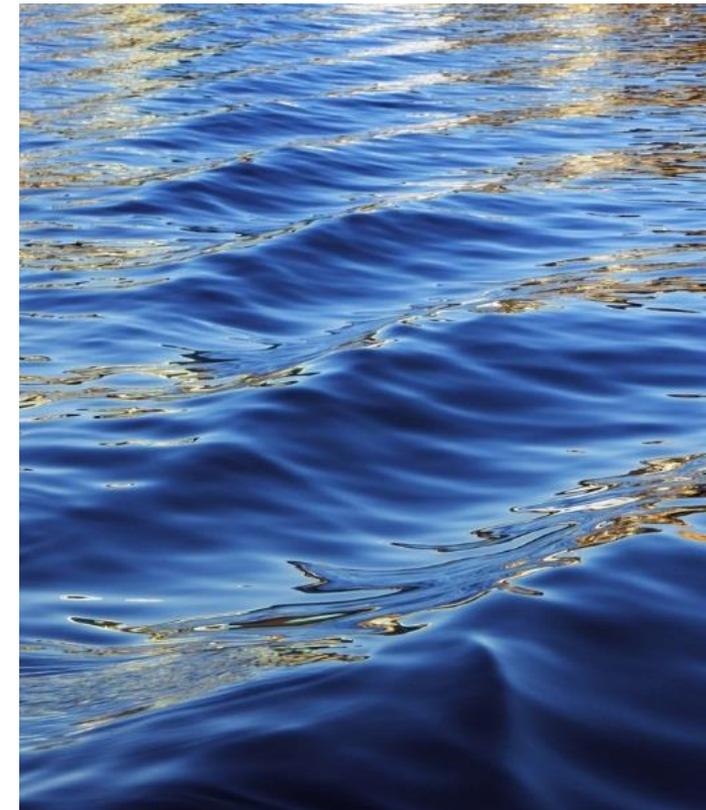




Bioeconomy

Achieving a sustainable future



National Rural Network



Bioeconomy Vision for Ireland

The Irish Government's ambition is for Ireland to be a global leader for the bioeconomy, moving the country beyond compliance targets and to a low carbon, circular economy.

Bioeconomy in Action

Farm Zero C is a collaboration between BiOrbic, Carbery and others to address the challenge of carbon neutral farming.

It aims to trial integrated approaches to develop an economically viable dairy farm which produces net zero emissions. At a global level, dairy is a major contributor to climate change, Farm Zero C takes a holistic farm approach looking at the animal, trialling feed additives to reduce methane emissions; soil, to maximise carbon sequestration and minimise soil emissions; mapping existing biodiversity and increasing area and quality of natural habitats; planting multispecies swards to reduce inputs; generating renewable energy and monitoring sources of energy used on farm; business modelling and effective monitoring of all inputs and results through lifecycle analysis.

Upscaling of projects like Farm Zero C has the potential to significantly contribute to sustainability targets for Ireland.

Further Information

Understanding of the bioeconomy is continually evolving. Some useful resources are below:

Bioeconomy Ireland -

<http://irishbioeconomy.com/>

National Bioeconomy Summit 2021 -

<https://bioeconomy.ie/>

European Commission -

https://ec.europa.eu/research/bioeconomy/index_en.htm

EU Knowledge Centre for Bioeconomy -

[Bioeconomy \(europa.eu\)](https://bioeconomy.europa.eu/)

Farm Zero C - [Farm Zero C – BiOrbic, Bioeconomy SFI Research Centre.](#)

Biorefinery Glas Project - [Biorefinery Glas](#)

Developments can be followed on Twitter & LinkedIn following the [#irishbioeconomy](#)