

Evolving Origin Green

Deirdre Ryan, Director of Sustainability & Quality Assurance
Origin Green

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Why does Origin Green need to evolve?

Origin Green IRELAND

What key updates can you expect in 2023?

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74%

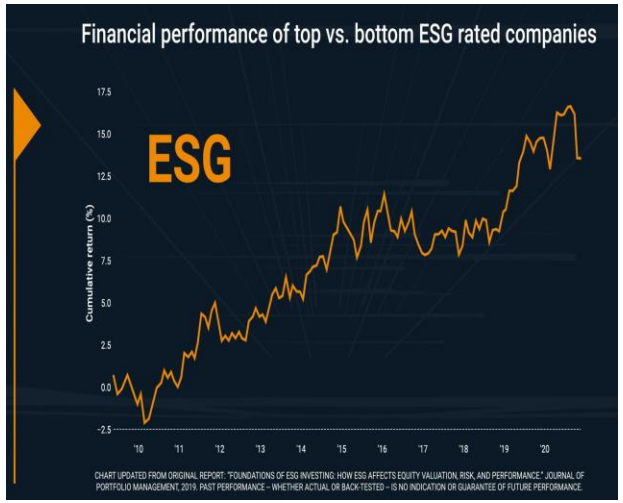
of investors now more likely to “divest” based on poor ESG performance.



73%

of global consumers believe brands have a responsibility to make a positive change in the world.





25%

GHG reduction for the agri-sector.



Future preparedness for rising regulatory requirements and expectations.





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The sustainability agenda is accelerating quickly…



75%

of consumers globally have made an effort to buy more sustainably-produced food and drink in the last year.

43%

Say sustainable production of food and drink is very important or essential when grocery shopping.

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https://www.bordbia.ie/industry/insights/global-sustainability-insights/

International Buyer Perspective



72%

Important to have suppliers with strong sustainability credentials

64%

Sustainability is an important aspect of their role

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https://www.bordbia.ie/industry/insights/global-sustainability-insights/

Customer Sustainability Requirements

Sainsbury's

Reduce absolute greenhouse gas emissions within our operations to **Net Zero by 2035.**

Reduce Scope 3 emissions by **30% by 2030.**

Founding signatories of the UK Soy Manifesto; a commitment to cutting deforestation and habitat destruction out of UK soy supply chains by 2025.

Reduce their use of plastic packaging by **50% by 2025.**

TESCO

Carbon neutral across their Group operations by **2035 & net zero** across their full value chain, aligned to 1.5˚C, by 2050.

Committed to spearheading the UK Soy Manifesto.

ASDA

50% lower direct GHG emissions and to develop measurement of non-direct emissions by **2025**.

An end-to-end net **zero carbon emissions** business vision for 2040.

Carrefour

Reduce emissions from purchased goods and services by **30% in 2030.**

Reduce emissions related to the use of their products by **27.5%.**

100% reusable, recyclable or compostable packaging by 2025.

Ahold Delhaize

Suppliers that represent 70% of their footprint will be asked to commit to **Science-Based Target** initiative by 2025.

37% reduction in Scope 3 emissions by 2030. All their suppliers will be asked to report on Scope 3 by 2025.

REWE GROUP

Agreements in place with strategic suppliers to set targets in line with the **Science Based Targets initiative** by 2024.

By the end of 2030, they aim to achieve an absolute reduction in **supply chain greenhouse gas emissions of 15%** compared to 2019.

By 2040, achieve **net zero emissions** for their entire business and value chain, working with their suppliers & franchisees to have a positive impact on climate.

By 2023, develop a Plan for Change Scorecard to expand and embed ethical and sustainability criteria in their sourcing decisions.

sodexo

Committed to reducing Scope 1, 2 and 3 emission by **34% by 2025.**

Collaborate with WWF to measure the entire Scope 3 carbon emissions, occurring from activities with their clients and suppliers.

OSI

They have set **Science-Based Targets** in line with 1.5˚C of global heating, which include **Scope 3** emissions from all actors involved in their supply chains.

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Customer Sustainability Requirements

Being part of the Origin Green programme ourselves and working with verified Origin Green members with tangible sustainability targets **gives us confidence that we're driving change and having a real impact.** And this confidence extends beyond the Lidl business in Ireland alone.

JP Scally, Managing Director
Lidl Ireland & Northern Ireland

We're so thrilled to have partnership with the Origin Green team, and suppliers and farmers all over Ireland to achieve our sustainability objectives, **to trust in the Quality Assurance schemes across the country,** and to support a thriving agricultural community for the years ahead.

Jenny McColloch, Chief Sustainability Officer,
McDonald's

We recognise the **uniqueness of the Origin Green programme,** operating at a national scale and providing a common sustainability framework for the suppliers that we work closely with in Ireland. The **transparency and independent verification** that it brings is important for us at Danone, as a customer of Irish dairy.

Paul Kennedy, Global Nature and Sustainability Manager, Danone

We are **committed to ensuring that we're working with Bord Bia, the Origin Green programme,** the Government and the industry... We think it's vital that we're collaborating with the industry.

Owen Keogh, Head of Sustainability,
Musgrave

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Primary Producer Standards Update

Origin Green IRELAND

Sustainability Digital Platform



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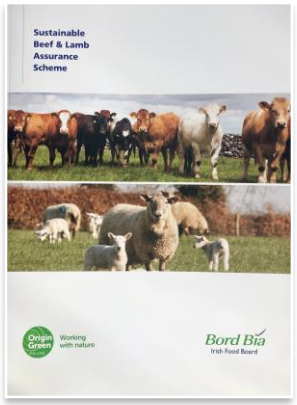
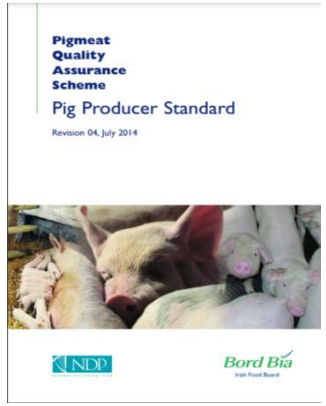
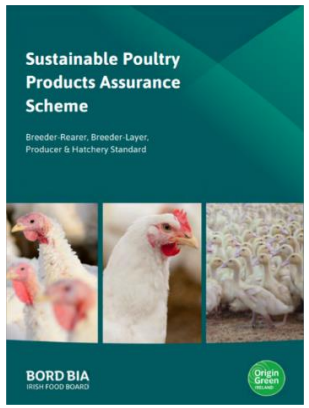
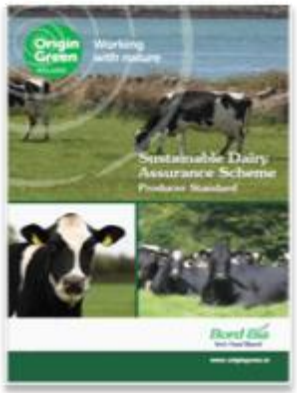
Bord Bia Primary Producer Standards

A world class standard that can power and prove the sustainability of Irelands food and drink sector.



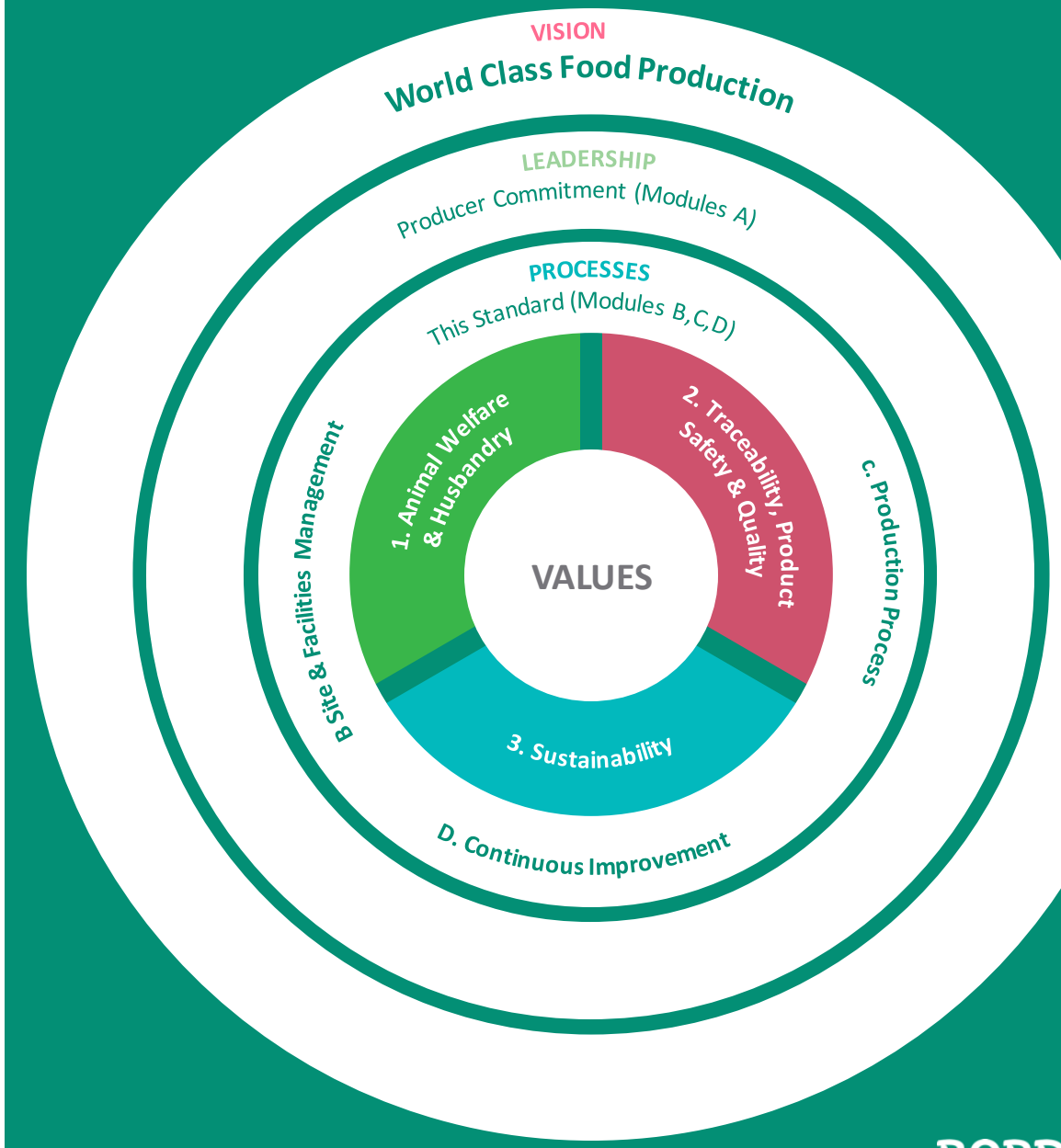












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Projected Primary Producer Standard Timelines

Bord Bia Sustainability and Quality Assurance



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Sustainability Digital Platform - Enabling climate action on farms






teagasc
Agriculture and Food Development Authority

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icbf

An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

Sustainability Digital Platform

Enabling climate action on farms

- Maximise use of existing databases in the agri-sector.
- Subject to farmer's permission.
- No duplication one source of truth.
- Verified data.
- Scientific oversight.

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Agriculture and Food Development Authority

- Scientific expertise & Research outputs
- Validate low carbon assessment models & tools
- Advisory Services & Signpost demonstration farms
- Relevant datasets

icbf

- IT Infrastructure & Resource
- Data processing & Analysis
- AIMs
- Relevant datasets

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- QA Scale and Infrastructure
- Farm Sustainability Survey
- Carbon Footprints (Farmer Feedback Report)
- E-Learning, Sustainability Planning Tools



Sustainability Digital Platform - Enabling climate action on farms

1.

Farm Sustainability Assessment: Know your baseline

Complete your baseline assessment

Collection, measurement & independent verification of actions.



2.

Feedback Report & Decision Support

Feedback Report & What if Tool?

Presentation of data & decision support to improve environmental performance specific to each farm.

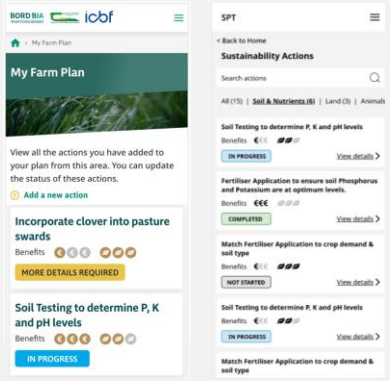


3.

Sustainability Action Plan

Develop your sustainability action plan

Identification and prioritisation of actions in a Farm Sustainability Plan

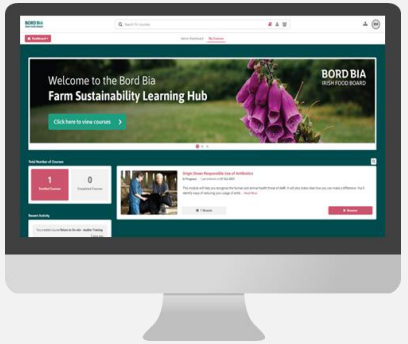


4.

Implement Action

Need to learn more? E-learning available

Advisory, support & implementation of actions.



5.

Data analysis & communication of progress

Quantification of efforts and communication of progress to stakeholders.



Milestone 1:

Beef Carbon Footprint Update

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Beef Methodology Updates

Updated emission factors

- Default emissions factors for nitrous oxide updated.
- Manure excreted while grazing now with individual emissions factors for dung and urine (representing an 85% and 41% reduction respectively).
- Fertiliser specific emission factors (including a 60% reduction in emissions from protected urea).

Improved animal categorisation and weight gain calculations

- Collaboration with ICBF introduces more animal specific live weight gain data where available.
- Robust animal categorisation.
- And application of finishing period for slaughtered animals.



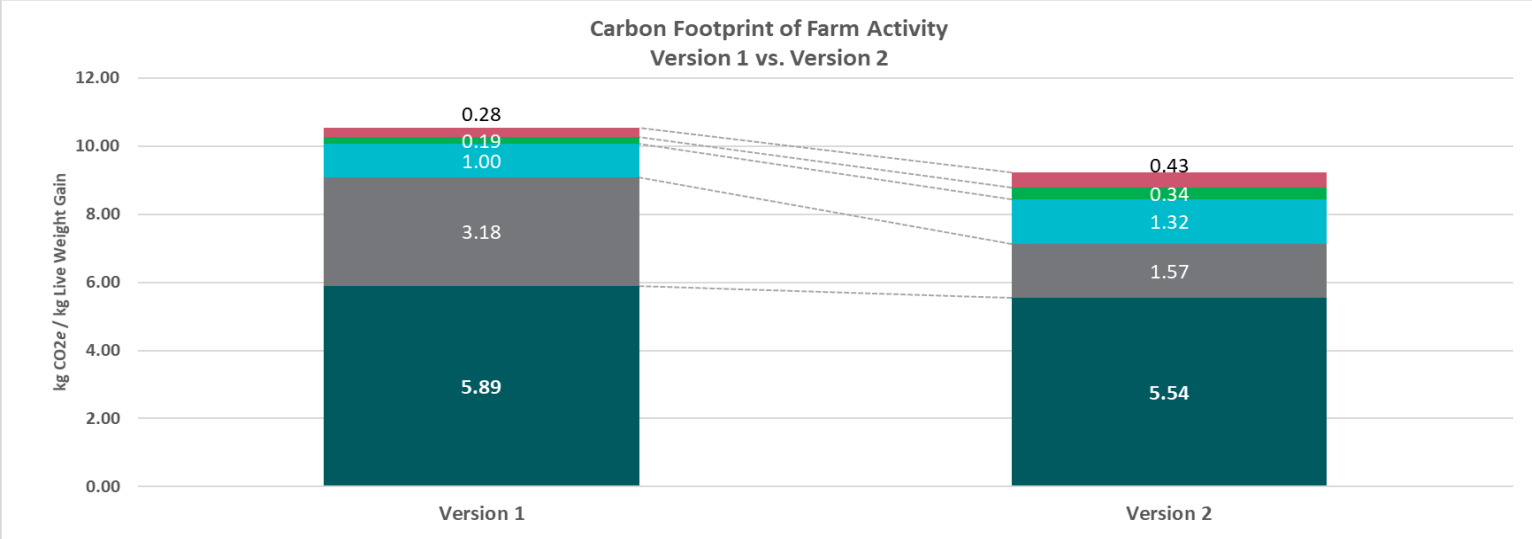
Beef Methodology Updates

13% average reduction in CF from Version 1 to Version 2 for currently certified SBLAS members.

13%

reduction in V1 – V2.

9.21 kg CO2e/kg



Emission Source	Version 1	Version 2	% Change
GENERAL EMISSIONS	0.28	0.43	54%
IMPORTED FORAGE AND FEED	0.19	0.34	79%
FERT PROD & APPLICATION	1.00	1.32	32%
MANURE EMISSIONS	3.18	1.57	-50%
ANIMAL DIGESTION EMISSIONS	5.89	5.54	-6%
BEEF CARBON FOOTPRINT	10.54	9.21	-13%



Milestone 2:

Action Planning Tool (Pilot available 2023 Q1)

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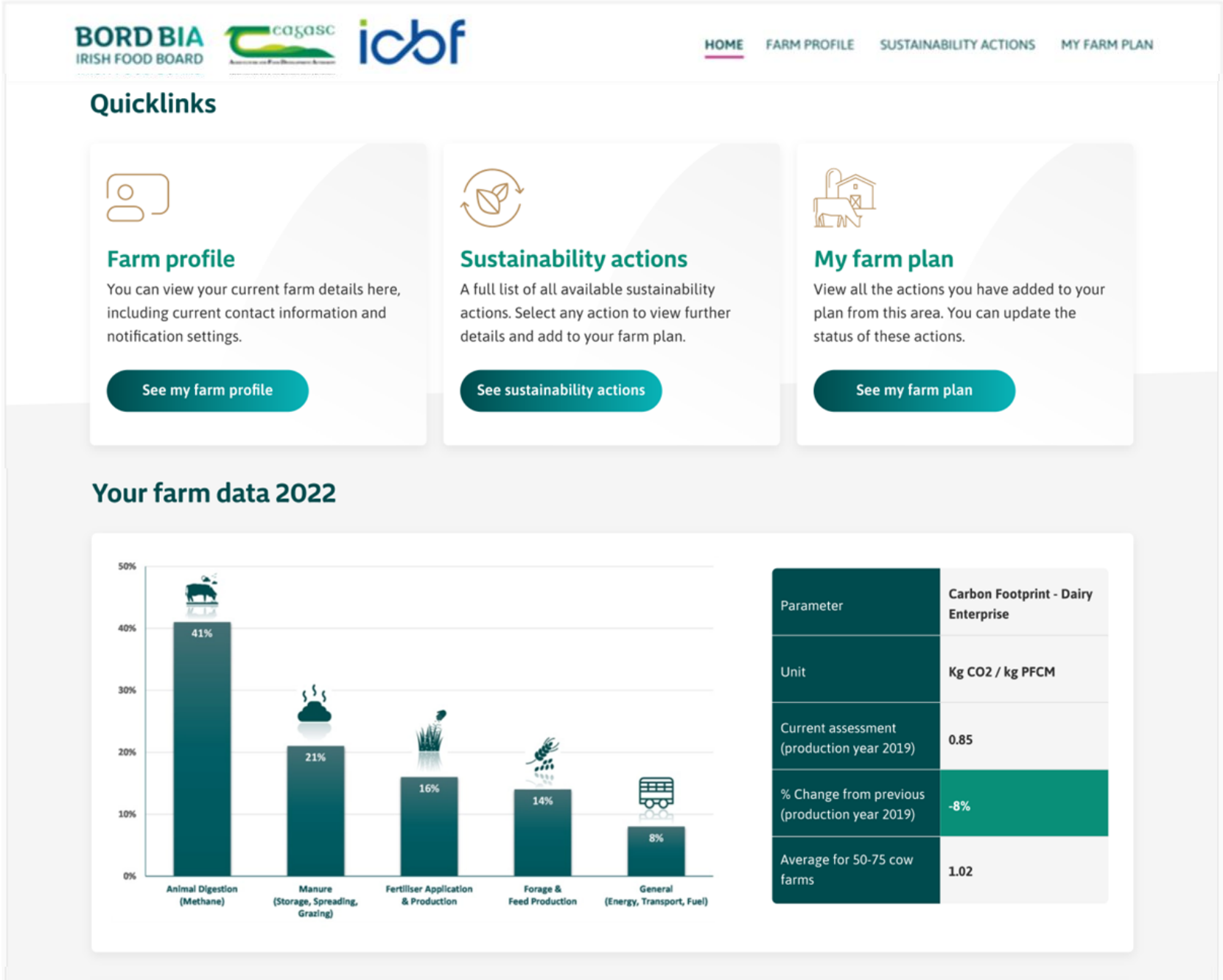
Action Planning Tool

Landing Page

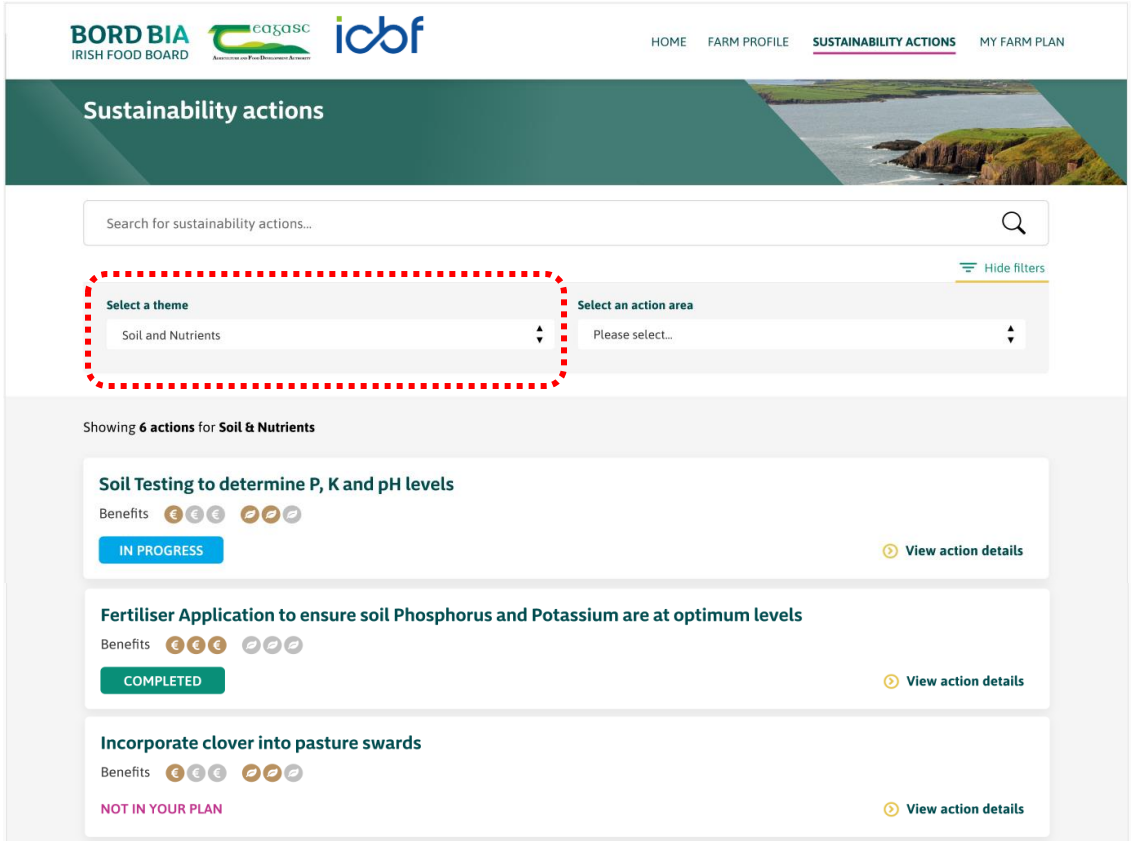
Using the Farm Sustainability Planning tool, each farm in consultation with the farm advisor, can develop a bespoke roadmap for the farm to drive progress towards more sustainable production.

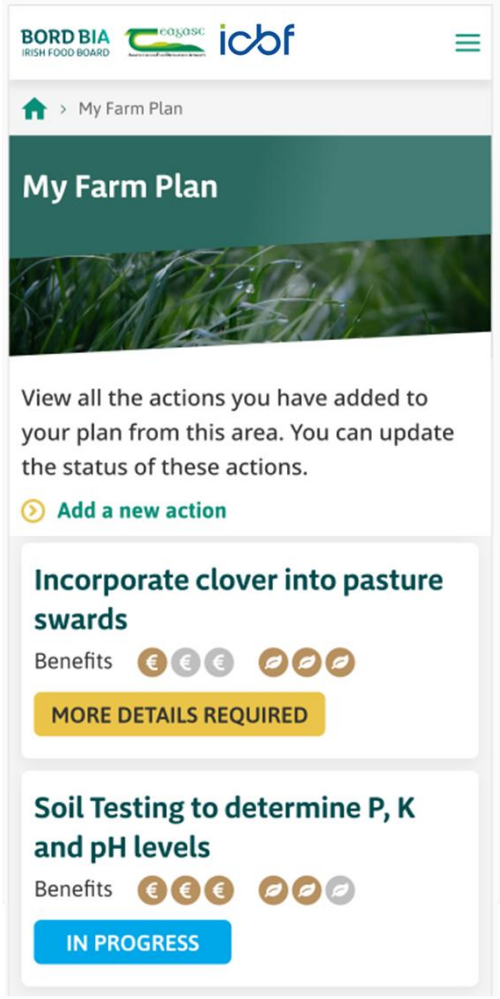


Action Planning Tool

Sustainability Action Inventory

Action list grouped by theme and will provide indication of environmental and economic benefit of implementing the action.





Diversity & Inclusion

Gender diverse companies are

15%

more likely to outperform competitors*

AgDIF

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AON Empower Results®

in partnership with

30% Club GROWTH THROUGH DIVERSITY

*McKinsey report 2018





Thank you.

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