

Sustainability Digital Platform

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BORD BIA
IRISH FOOD BOARD



An Roinn Talmhaíochta,
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Department of Agriculture,
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THE FARM DATA JOURNEY

AgriDISCRETE: project funded via 2019 Competitive Call for Research by the Department of Agriculture, Food and the Marine

WHAT DATA IS ON MY FARM?

Machine Data



Agri-Supply Data



Financial and Compliance Data



WHERE DOES DATA GO OUTSIDE MY FARM?



Government Agencies

Research



Farm Advisor



COMBINED DATA IS POWERFUL DATA



Veterinary

Private Sector Companies



Industry



Government

EXAMPLES OF WHY MY DATA IS COLLECTED AND SHARED



Improve Animal Health & Welfare



Help Farm Sustainability



Inform Farm Finances



Monitor National Trends

Grass Data



Livestock Data



Environmental Data



Land Data



Biodiversity Data



AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY



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AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY

Sustainability Digital Platform



Record, Monitor,
Review



Know your farm's
baseline



Prioritise Actions

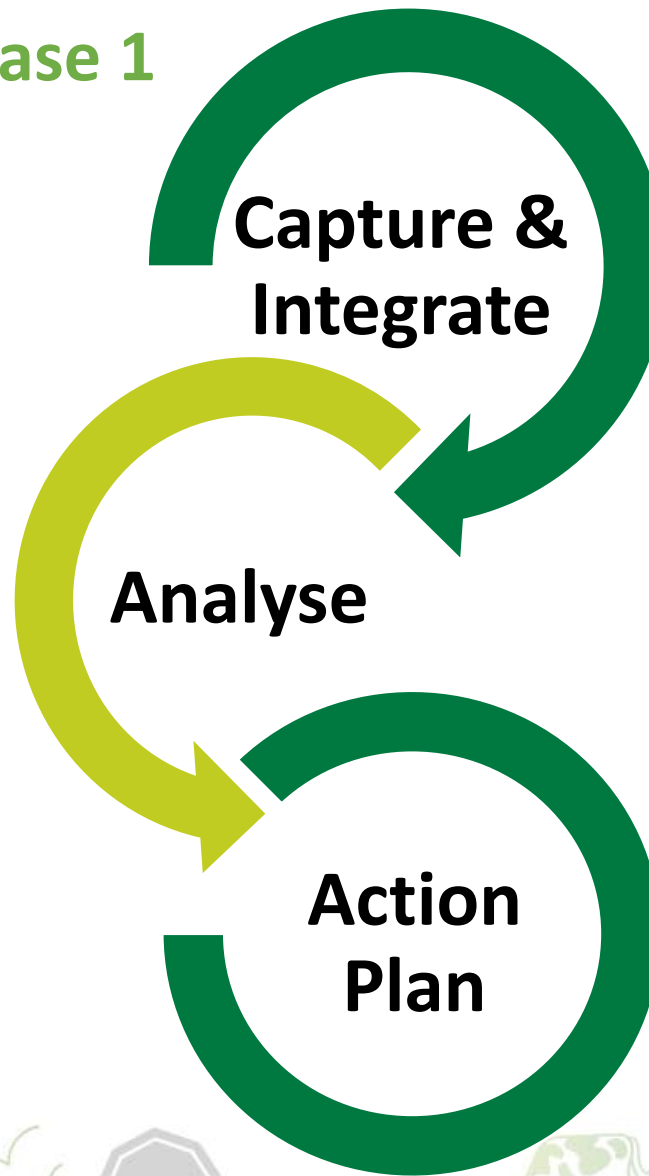


Identify Opportunities
to Reduce & Capture



Sustainability Digital Platform Phase 1

Turning Data into Action



Agricultural Systems 148 (2016) 95–104

Contents lists available at ScienceDirect

Agricultural Systems

journal homepage: www.elsevier.com/locate/agsy

A life cycle assessment of the effect of intensification on the environmental impacts and resource use of grass-based sheep farming

D. O'Brien^{a,*}, A. Bohan^b, N. McHugh^b, L. Shalloo^a

J. Dairy Sci. 105:5849–5869
<https://doi.org/10.3168/jds.2021-21499>

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Life cycle assessment of pasture-based dairy production systems: Current and future performance

Jonathan Herron,^{1*} Donal O'Brien,² and Laurence Shalloo¹

Agriculture, Ecosystems and Environment 142 (2011) 222–230

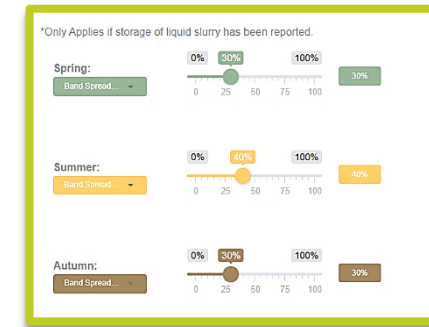
Contents lists available at ScienceDirect

Agriculture, Ecosystems and Environment

journal homepage: www.elsevier.com/locate/agee

Whole-farm systems modelling of greenhouse gas emissions from pastoral suckler beef cow production systems

P.A. Foley^a, P. Crosson^{b,*}, D.K. Lovett^a, T.M. Boland^a, F.P. O'Mara^{a,1}, D.A. Kenny^a



Key principles

Maximise use of existing databases
in the agri-sector

Subject to **farmer's permission** - opt in

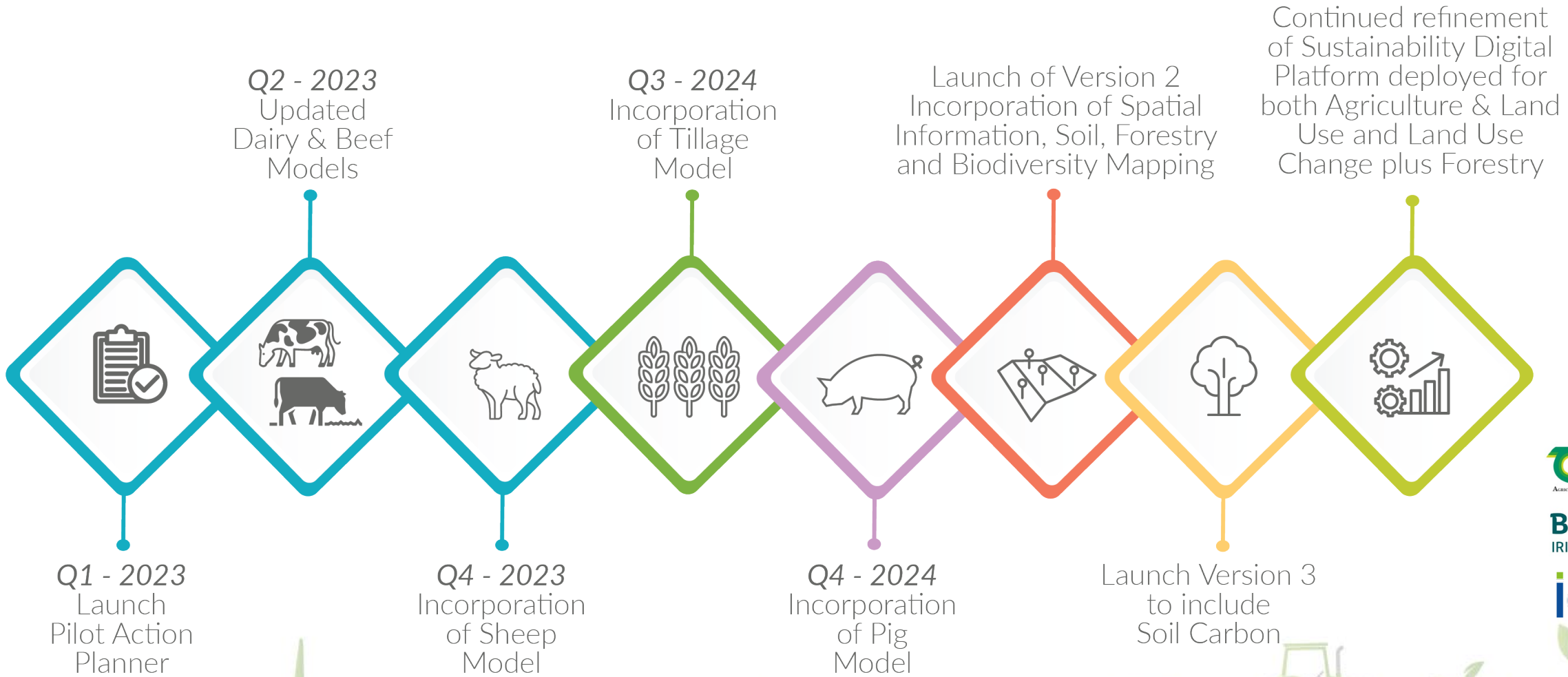
No duplication – one source of truth

Verified data

Scientific oversight



Key Milestones





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