

# The centre for Engineering Precision Innovation in farming

Aiming to revolutionise farming & food systems through precision technology

Thomas Slattery
Agri-Tech Sustainability & Marketing

www.agri-epicentre.com



## Part of the family of Centres

 Agri-EPI Centre is one of UK's four Centres of Agricultural Innovation. Supported by Department for Energy Security and Net Zero (formerly Department for Business, Energy and Industrial Strategy) and Innovate UK.

- Agricultural Engineering Precision Innovation Centre (Agri-EPI Centre)
- Big Data Centre of Excellence (Agrimetrics)
- Crop Health and Protection (CHaP)
- Centre for Innovation and Excellence in Livestock (CIEL)













# Our purpose, vision and mission



#### Our purpose

A world where engineering and precision agriculture technologies, systems and eco-systems are optimised in order to maximise the agri-tech sector's contribution to sustainable food production and supply.



#### Our vision

Transforming, driving growth and supporting innovative solutions to help farmers and agri-food businesses become more sustainable and profitable.



#### Our mission

Providing scientifically robust and commercially viable solutions to improve productivity and sustainability within the food production system using cutting-edge precision technologies, robotics and autonomous solutions and engineering technologies, and using data to reduce variance at producer level.



# Facilitating opportunity across the Innovation Pipeline

**Innovation Pipeline** 



- > Technology Research
- > Feasibility Studies

TRL 1

> Proof of Concept

- > Technology Development
- > Prototyping
- > Demonstration

- > Veryifying
- > Qualification
- > Commercialisation



# Our UK Agri-Tech Innovation map

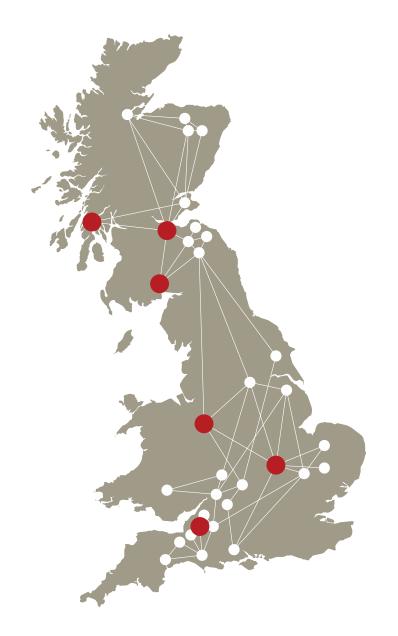
MIDLANDS AGRI-TECH INNOVATION HUB

MIDLANDS DAIRY
RESEARCH CENTRE

MIDLANDS PIGGERY

SOUTH WEST DAIRY DEVELOPMENT CENTRE

Network Farms
24 Commercial Demo Farms



MARINE AQUACULTURE
INNOVATION CENTRE

NORTHERN AGRI-TECH

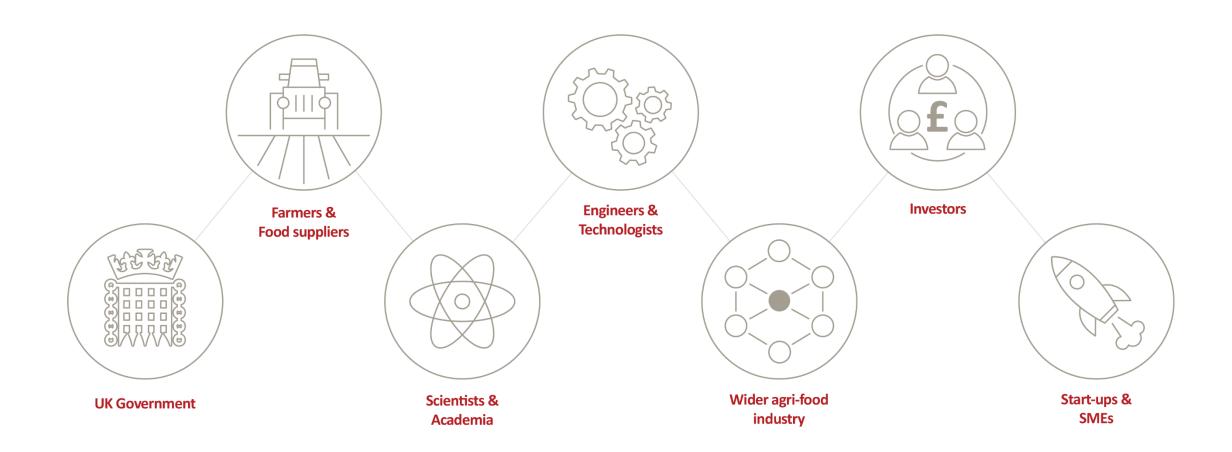
AQUACULTURE GENETICS
RESEARCH FACILITY

**CALF RESEARCH** & INNOVATION FACILITY

CROP TECHNOLOGY
SOUTHERN INNOVATION HUB



## **Collaborator Ecosystem**



250+ members across stakeholder network



#### **Industry Events, Webinars & Conferences**













We host regular industry events, webinars and conferences which are available to view online















15 comprehensive video case studies of agri-technology and innovation projects available to view online

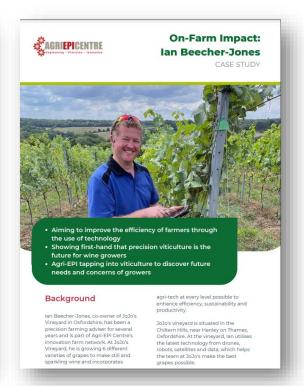


#### **Agri-Tech Case Studies**









We publish written case studies on new technologies and projects



#### On Farm Demo Day Videos









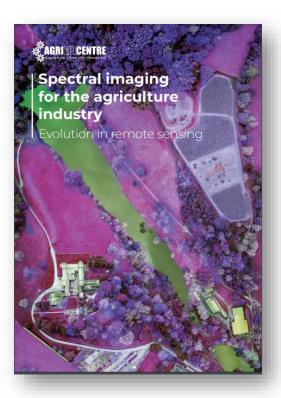


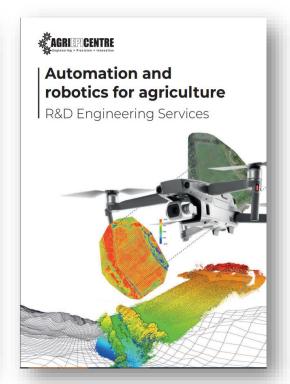
We organise regular on farm demo days on our Innovation Farms for networking and learning – these are available to watch online



## **Agri-Tech Whitepapers**









We publish regular white papers on key issues in the agri-tech sector



#### Farm Tech Circle







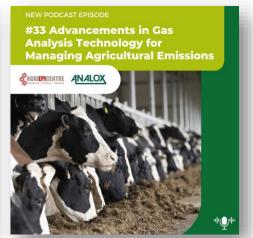


We publish a quarterly newsletter aimed at innovative farmers to keep them up to date on the latest tech and innovation



#### **Seedling Sessions Podcast**

















35 podcast episodes in conversation with agri-tech innovators



#### **Our Team**



**Dave Ross - CEO** 



**Trish Toop - CTO** 



Rose Judeh-Elwell – Dir. Business Development



Claire Hodge – Head of Crops



Eliot Dixon – Head of Engineering



Ross Robertson

– Head of Mixed
Farming



Robert Morrison
- Head of Dairy

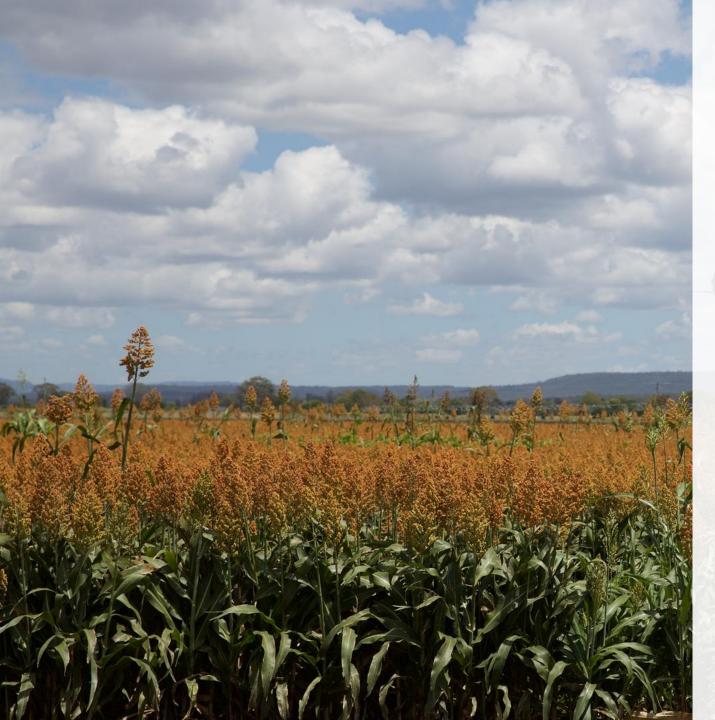


Rebecca Lewis – Head of New Business



Wendy Hewitson - Academic Partnerships

We have a team of experts across funding, technology and different agricultural sectors (inc. aquaculture)







# Thank you

Contact details:

W: agri-epicentre.com

