

Putting farmers at the centre of innovation

R&D Service



Empowering sustainable farms

Agri-EPI:

The centre for engineering precision innovation in farming helps to develop solutions to empower more sustainable farms.

We are an independent partner of choice for agri-tech developers (from start-ups through to established companies).

We have delivered over 100 commercial & 45 collaborative R&D agri-tech projects.

Agri-EPI Centre has enlisted a network of farms spread throughout the UK to participate in the Agri-EPI Farm Network.

Why a network of commercial farmers?

The innovation farm network was developed by Agri-EPI from the desire to “close the gap” between research and the end-user, by creating a platform to host research projects and evaluate developing technology in a commercial farm environment, rather than in a simulated or research environment. Each farm has technology deployed to measure variance at every stage of production, understand inefficiencies within the system, and inform the agri-tech industry to direct their research to those areas. The goal is to ensure technology is developed to be robust and relevant to meet the challenges and requirements of the end users.

The network is diverse, comprising different farming systems, sectors, sizes and business structures producing a range of agricultural commodities, all equipped with the latest precision sensor technologies that are purpose-built to measure your agricultural innovation. We provide a set of services to assist in the creation of agri-tech products through either commercial or grant funded projects. We assist in the development process through a combination of a strong technical team and a world class set of equipment and facilities. Our innovation services include validation, full use requirement and analysis, data collection and interrogation, market insight and analysis, sustainability analysis, economic modelling with the focus of ensuring agri-tech solutions will have a positive impact on-farm.

INNOVATION SERVICES OFFERS

Farms

- > A diverse network of farm business & system to trial technology
- > End-user engagement & system requirements
- > Measurement & validation
- > Technical advice & support
- > Market insight & analysis
- > Dissemination
- > Data capture

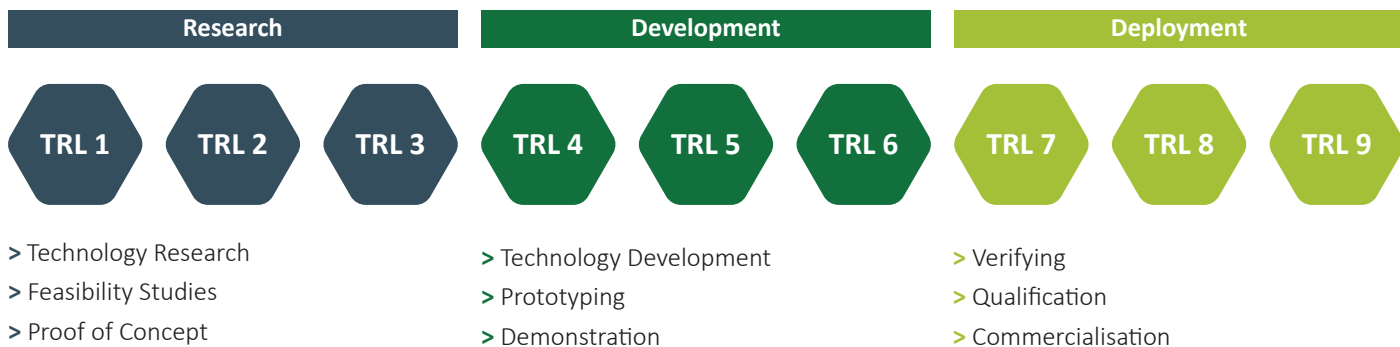
R&D

- > Consortia building
- > Bid writing & scoping projects
- > Research facilities - across all sectors
- > Engineering space
- > Data collection & ground truth assets
- > Project management & delivery
- > Specialist technical teams

Business Support

- > Membership ecosystem 250 farmers, industry
- > Networking & thought leadership events
- > Office & research facilities under one roof
- > International links
- > Sustainable experts
- > Investment advice

Technology Readiness Level



More about our network structure



Smart Farms

Our Smart Farms are commercial farms that have provide a platform for more in-depth testing and validation in a controlled environment, provide higher level of intervention and measurement. The Smart Farms provide opportunities for early-stage technology developers to carry out low level design and build test prototypes.



Commercial Farm Network

Our commercial farm network is made up of real farmers, they provide a platform for near to commercial developers to validate technology through a range of data collection sources we have deployed on their farms to provide quality and resolution insights into farming operations. The focus of the network to understand how technology fits in to an existing farming system. This provides insight in the next steps to commercialisation from environmental and business sustainability.

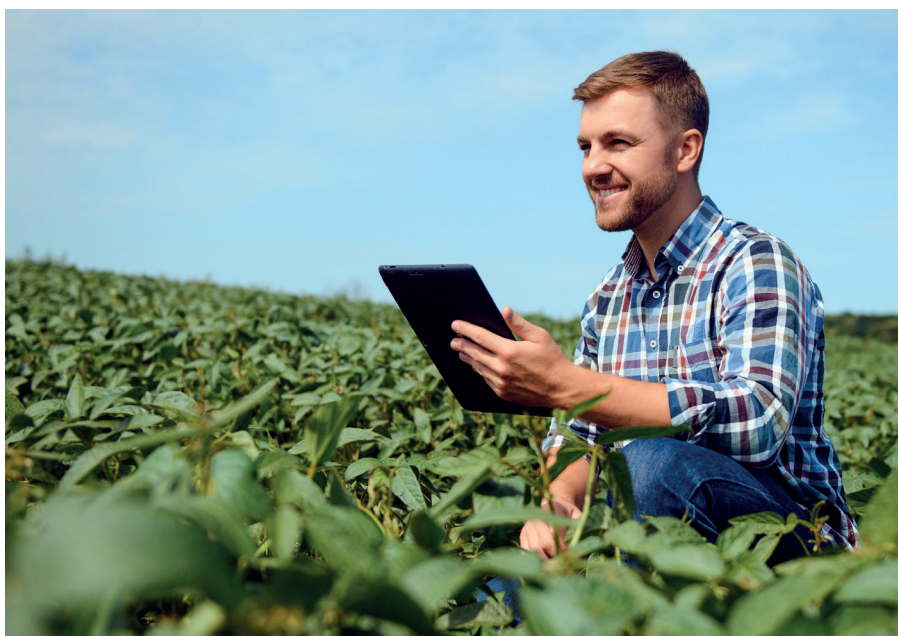
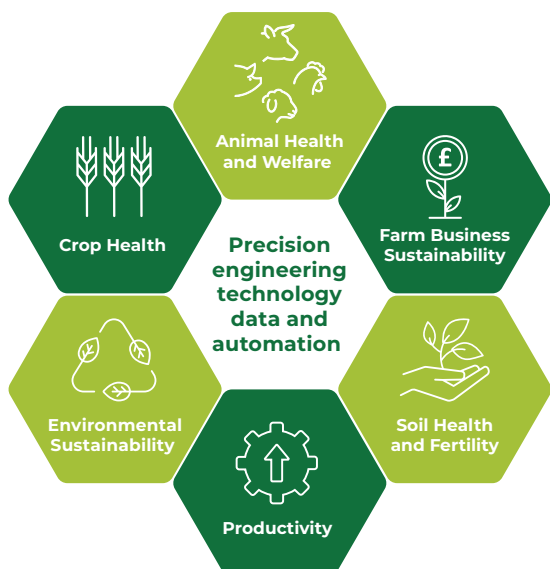


Farm Tech Circle

The Farm Tech Circle is our knowledge exchange network for farmers, growers and producers to discover and connect on topics that focus on enhancing the profitability and sustainability of agriculture.

Through thought pieces, newsletters, on-farm events, and peer to peer networking opportunities, Farm Tech Circle members are a community who support each other in their technological growth and closes the loop between farmer challenges and innovations that can respond to them.

Research and development themes





Innovation teams

Agri-EPI Centre has two main innovation teams that are focussed on delivering on-farm impact. These are made up of the technical and business development team who all have extensive sector knowledge across agriculture and a strong engineering, data and automation team.

The technical team are available to support the delivery of projects and guide developers through the innovation process, providing support and industry advice, project co-ordination, data extraction and interpretation. They provide expertise and utilise our advanced assets, including sensors, drones and robotic platforms. We cover the innovation journey with additional R&D controlled research facilities, engineering space to assist in prototype build, business growth and access to industry partners, academics, and funding scoping.



Meet the team

The Heads of the Farm team include Claire Hodge, Head of Agri-Tech (Crops), Ross Robertson, Head of Agri-Tech (Mixed), Robert Morrison, Heads of Agri-Tech (Dairy), and Mike Jones, Dairy Technical Manager.



The Agri-EPI Centre has been our first and main partner for on-farm demonstration projects. Being able to access a variety of commercial farm sites for testing and demonstration from early on and getting feedback from some of the country's most innovative farmers about what works and what doesn't has been invaluable for us.

Like every new technology, it is ultimately only as good as the value perceived by the end users, and the Agri-EPI Centre's leadership in Knowledge Exchange and dissemination activities has also meant that we have been able to refine and deliver the message to farmers and grain storage operators and created a regular stream of inbound requests.

We are glad to see Agri-EPI's team and footprint grow at a similar pace to our own business so as to be able to support agricultural innovation projects at more stages and geographies.

For any public-funding-backed innovation project in the UK, partnering up with the Agri-EPI Centre is a no-brainer!

Dr Lorenzo Conti, Crover

Get in touch

Get in touch: team@agri-epicentre.com

See our impact on-farm: www.youtube.com/@AgriEPICentre

In addition to our technical support, we help you to communicate the impact of your agri-tech through dissemination activity including case study videos, podcasts, news and social media reaching the end-users.



Scan to view our channel



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