

NEW CENTRES FOR AGRICULTURAL INNOVATION

The Centres for Agricultural Innovation are a new collaborative model between the agri-tech sector and government. The centres have been initiated to help :

- *turn agricultural innovation into commercial opportunities for businesses*
- *encourage inward investment*
- *improve farming practice*



Department for
Business, Energy
& Industrial Strategy

Innovate UK
Technology Strategy Board

The aims of these new Centres are:-

- *To improve the economic performance of farming through the development and uptake of technologies, knowledge, and practices*
- *To recreate leadership in this area by joining-up existing excellence*
- *To resolve challenges that no one part of the sector can address alone*
- *To open up opportunities for transformational change in the sector*



Department for
Business, Energy
& Industrial Strategy

Innovate UK
Technology Strategy Board

Agri-EPI Centre Ltd

Agricultural Engineering Precision Innovation Centre

www.agri-epicentre.com

CIELivestock Ltd

Centre for Innovation and Excellence in Livestock

www.cielivestock.co.uk

CHAP Ltd

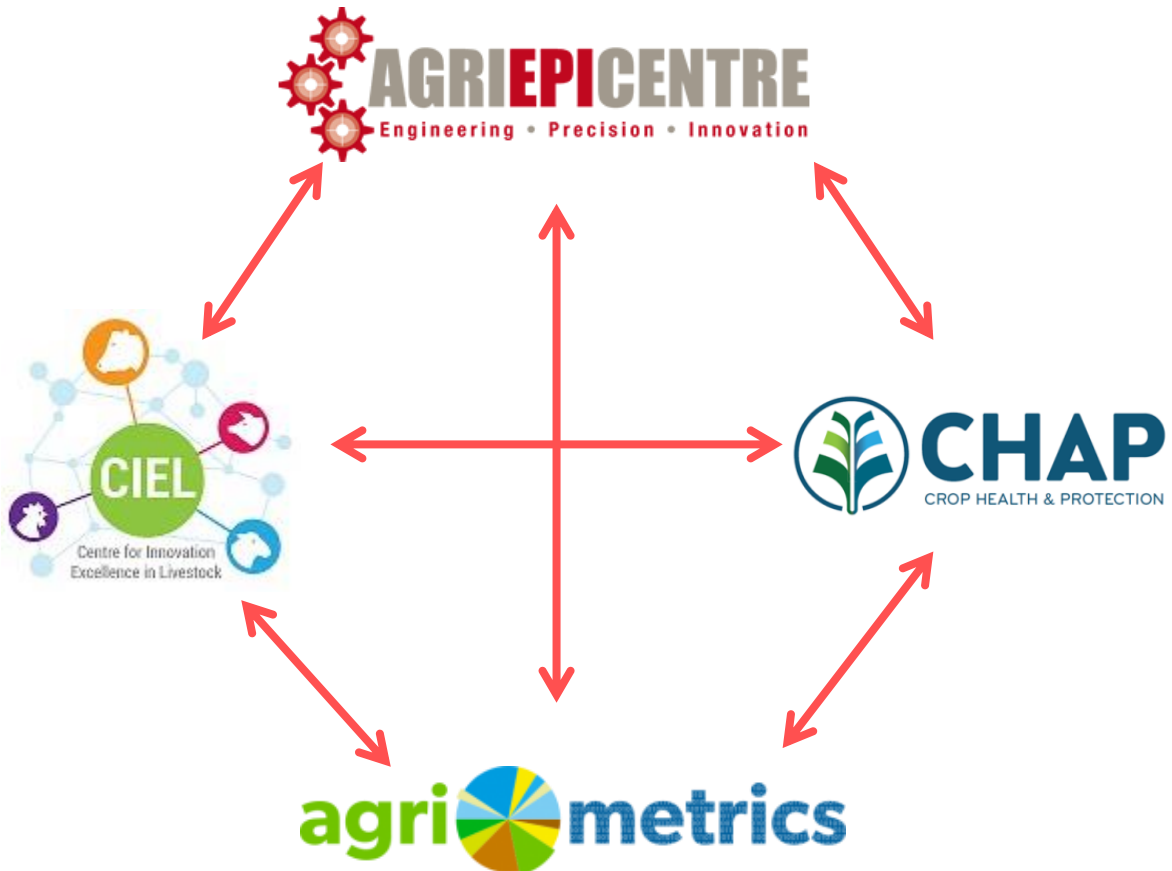
Crop Health and Protection

www.chap-solutions.co.uk

Agrimetrics Ltd

Big Data Centre of Excellence

www.agrimetrics.co.uk





Innovate UK

Technology Strategy Board



Department for
Business, Energy
& Industrial Strategy

AGRI-EPI Centre Ltd

Dave Ross

Dave.ross@agri-epicentre.com



AGRIEPICENTRE

Engineering • Precision • Innovation

Agri-EPI Centre: What is it?

Brand new UK Innovation Centre to deliver :-

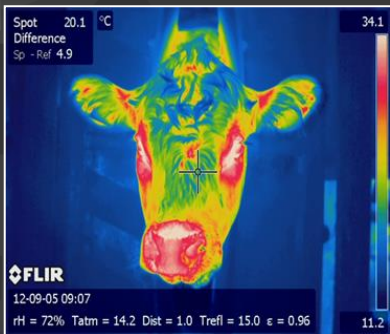
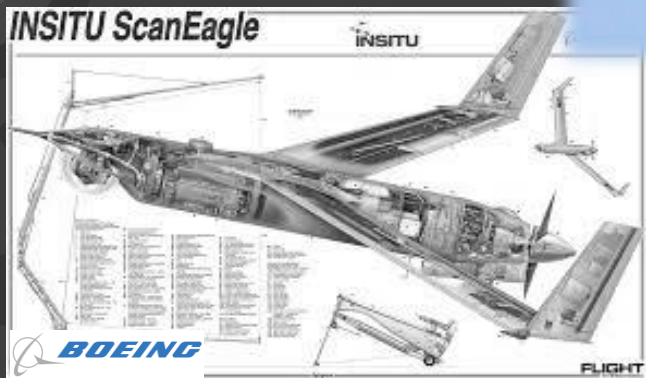
- Research and development
- demonstration and training
- precision agriculture and engineering to service....

livestock, arable, horticulture and aquaculture
sectors

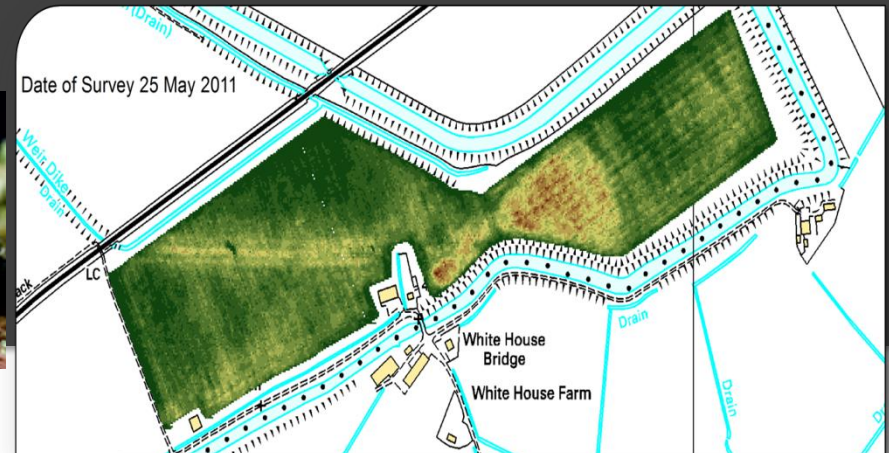
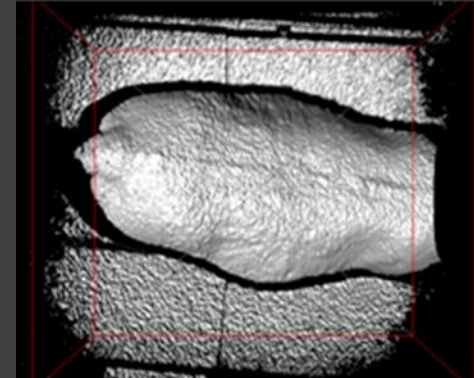
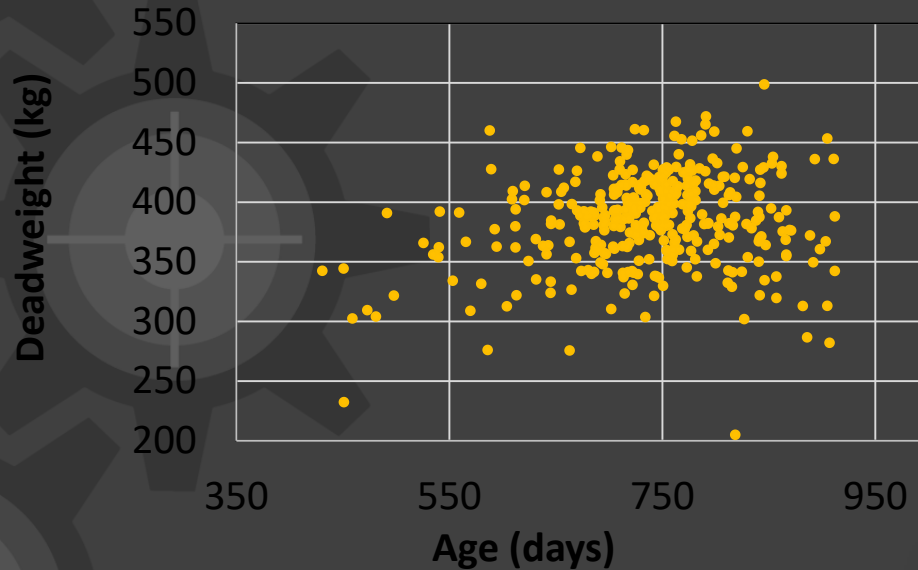
How Agri-EPI links with business needs

- **Innovation Hubs**
 - One-stop access to leading academic institutions
 - Developing exciting new facilities for R&D, demonstration and training, including a range of capital equipment for projects.
 - Partnering researchers, industry & funding
 - Developing incubation facilities at a range of scales
- **Instrumented real commercial farms and processing sites**
 - Data for identification of issues/opportunities
 - Develop, test & demonstrate new technologies in real farm/processing situations

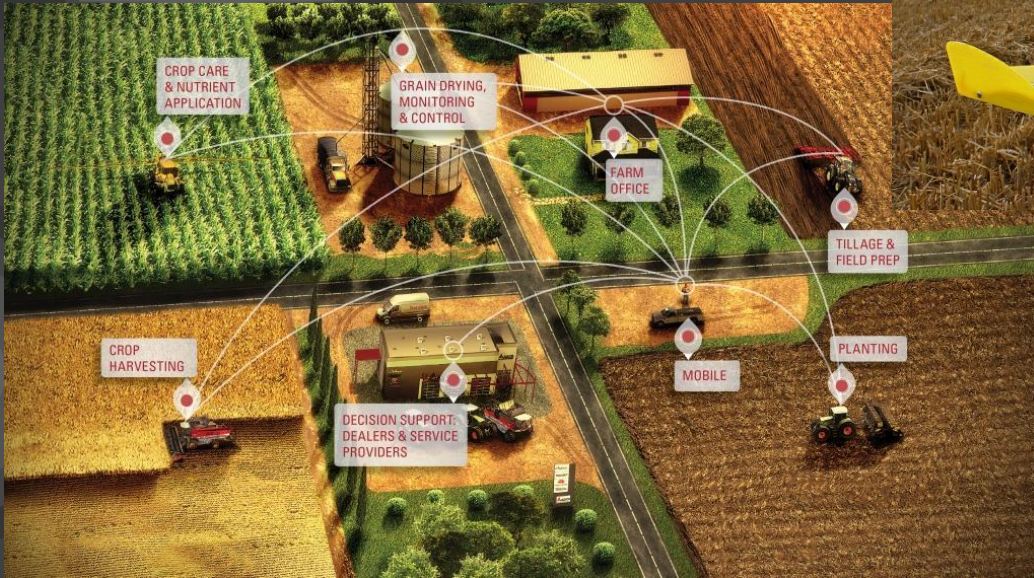
Transformational Technology



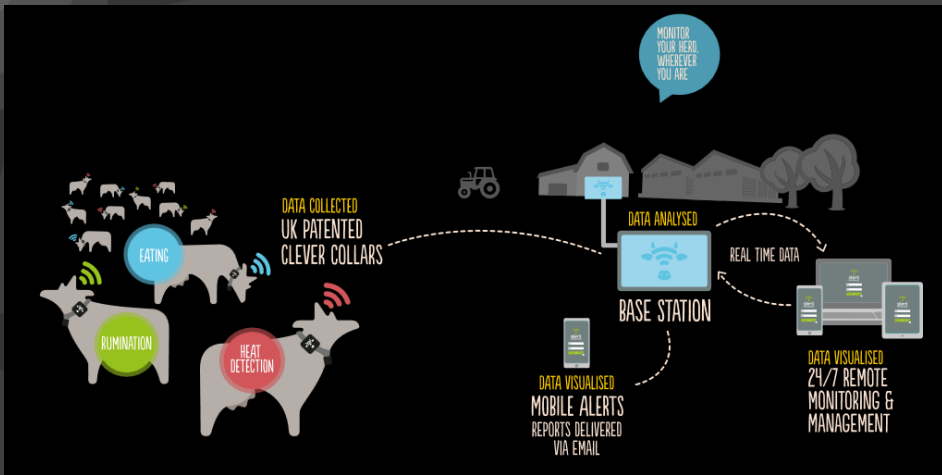
A vision around variance



Sensors, IoT and robotics/automation



Sensors, IoT and robotics/automation



EPI Centre – backed by industry

- **Industry fully engaged**
- **over 75 industrial partners**
 - Multi-national Agricultural Engineering companies
 - Retail Multiples
 - National and international food product supply chain companies
 - SME Agri-technology companies
 - Agricultural supplier companies
 - Non-sector technology companies
 - Farmers
- **PA global market \$7.8B by 2022, CAGR 14.9%.**
- **Agric. Eng. market 2015 >£\$95B**

Facility and partnering opportunities

- Network of national and international Industry partners (growing!)
- UK/EU wide communication with all agri-sectors
- Access to advanced equipment and instrumentation for project activities
- Access to data on real farms
- Access to meeting rooms, seminar rooms etc.

Funding/support opportunities

- Engage at UK/EU project level with e.g. Agri-EPI led projects.
- Use Agri-EPI as support infrastructure for project activity
- Use Agri-EPI and industry member resource to partner in projects e.g. both develop and market new precision tech
- Real-time production data available, pending accessibility arrangements

Thank you for listening

Full contact slide at the end!!

Dave.ross@agri-epicentre.com