

Agricultural Technologies Cluster Presentation Brochure South West England (1of2)

(Includes Agri-Tech Aqua Tech, Equine, Pets and Horticulture)



Department for
International Trade



Contents

| | | | |
|--|----|--------------------------------------|----|
| Introduction | 2 | Teagle Machinery Ltd | 48 |
| Accutest International Ltd | 3 | Toro Corporation Ltd - Toro Shelters | 49 |
| Active Research Ltd - Actisense® | 4 | Trenona Limited | 50 |
| ADM Protexin Limited | 5 | Water Powered Technologies Ltd | 51 |
| Agri-EPI Centre - SWDDC | 6 | Xcelbio Ltd | 59 |
| Alvan Blanch Development Company Ltd | 7 | Summary of Companies by Sub-Sector | 60 |
| AP Air Europe Ltd | 8 | Further Information and Contacts | 61 |
| Applied Genomics Ltd | 9 | | |
| Arboricultural Association | 10 | | |
| ARC Marine Ltd | 11 | | |
| Auger Torque Europe Ltd | 12 | | |
| Biochar Works Ltd | 13 | | |
| Bolina Ltd - Bolina Booms® | 14 | | |
| Brightwater Diagnostics | 15 | | |
| Brinsea Products Ltd | 16 | | |
| Chapman Machinery Ltd | 17 | | |
| Cosy Calf Ltd | 18 | | |
| Cropdesk Technologies Ltd | 19 | | |
| Denis Brincombe Group Limited | 20 | | |
| Dub'l Lif (Taunton) Limited | 21 | | |
| Ekogea UK Limited | 22 | | |
| Emerald Research Limited | 23 | | |
| EmTech Hatchery Systems Ltd | 24 | | |
| Equine Health Centre Limited | 25 | | |
| Evans and Pearce Limited | 26 | | |
| Farm491, Royal Agricultural University | 27 | | |
| Feed-Food.Ltd | 28 | | |
| Geollect Limited | 29 | | |
| Glas Data Ltd | 30 | | |
| IoTech Ltd | 31 | | |
| IVF Limited - IVF Bioscience | 32 | | |
| LettUs Grow Ltd | 33 | | |
| Lister Shearing Equipment Limited | 34 | | |
| Micron Bio-Systems Ltd | 35 | | |
| Octavius Hunt Limited | 36 | | |
| Perry Engineering Services Ltd | 37 | | |
| Pixalytics Ltd | 38 | | |
| PRM Waste Systems Ltd | 39 | | |
| Ridgeway Science Ltd | 40 | | |
| Rotolok Limited | 41 | | |
| Royal Agricultural University | 42 | | |
| S C Nutrition Ltd | 43 | | |
| Shearwell Data Ltd | 44 | | |
| Showing Scene Ltd | 45 | | |
| Small Robot Company Limited | 46 | | |
| STAG-Tech Ltd | 47 | | |



Introduction

About

The South West Agricultural Technologies Cluster was founded in 2020 as a network of South West of England companies which produce products and deliver services across the agricultural technology and aqua technology sectors. The companies will meet on a regular basis and liaise on all manner of business issues. The cluster was founded to help support the companies' exporting initiatives and to help one another to expand into international markets. Within the network, there is usually one company already selling into the majority of countries worldwide.

Agricultural Technology (Agri-Tech) is any technological or science-based innovation utilised to improve the productivity and sustainability of agriculture, horticulture, aquaculture and forestry. In addition, Agri-Tech includes on-site storage and processing of food and non-food products, animal health/welfare of farmed livestock and fish, companion animals and horses.

The Agricultural Technologies Cluster Presentation Brochure/E-book is a directory that showcases companies within the agricultural technology sector which includes aqua technology, horticulture, pets and equine animals. It is split into two parts:

- Part 1 of 2 - Agricultural Technology, Aqua Technology and Horticulture.
- Part 2 of 2 - Pets and Equine Animals.

Contact

For further information, please feel free to contact Hilary Charman, the chair of the group and International Trade Adviser for the Department for International Trade (DIT) South West Team - hilary.charman@mobile.trade.gov.uk

Find out more by visiting our website great.gov.uk .



Agricultural Technologies Cluster Business Profile

Accutest International



Tom Werner
Technical Director

Accutest International Ltd
The Forge Enterprise Centre, 3 Church Road
West Huntspill, Somerset
TA9 3RN
United Kingdom

Tel: +44 (0) 1278 489797
Email: tom.werner@accutest-int.com
Web: <https://accutest-int.com/>

Accutest International provides specialist inspection services to the food, dairy, beverage and associated industries.



We have a wealth of experience in the regular testing of all types of heat exchangers/pasteurisers, spray dryer, tank and silo inspections, pasteuriser holding times and hydraulic pressure testing.

Additionally, we are actively seeking additional global partners/agents to operate under license our unique patent pending Heat Exchanger Testing Method.



Agricultural Technologies Cluster Business Profile



Actisense®

Justin Cohen
Head of Commercial

Active Research Ltd trading as Actisense®
21 Harwell Road
Poole, Dorset
BH17 0GE
United Kingdom

Tel: +44 (0) 1202 746682
Email: Justin.cohen@actisense.com
Web: <https://www.actisense.com/>



Actisense has established an enviable world-wide reputation within the specialist field of agricultural and marine electronics. This has been achieved by providing an excellent level of service to our extensive global client base and through the design and manufacture of agri-tech and marine electronic equipment.

Our service, technical expertise and global exports have been acknowledged and awarded 'Exporter of the Year - UK' for several consecutive years, giving us unrivalled experience and ensuring seamless relations internationally.

Our in-house Design, Research and Development Team has developed a set of unique agri-tech products for the agricultural market enabling your tractor's GPS system to interact and report on all smart equipment connected to the ISOBUS (CANBUS) on your vehicle. Actisense devices work on both new and existing equipment, so farmers avoid the heavy expense of vehicle upgrades.

Actisense's host of intelligent sensors, interfaces and innovative technologies allow multiple devices to seamlessly communicate over your tractor's network. The Actisense NGW-1 or W2K-1 (CANBUS/ISOBUS over WiFi) allow agri-tech customers with mixed fleet equipment, i.e. crop sprayers and balers, to increase the number of machines on which they can run our hardware/software solutions.



Agricultural Technologies Cluster Business Profile



ADM Protexin

James Kyffin
Commercial Director - Animal Health

ADM Protexin Limited
Lopen Head, South Petherton
Somerset
TA13 5JH
United Kingdom

Tel: +44 (0) 1460 243230
Email: james.kyffin@protexin.com
Web: <https://www.protexin.com/>



ADM Protexin is dedicated to producing innovative, research based probiotics and supplements of the highest quality for the human, veterinary, agriculture and equine healthcare markets.

Protexin Agriculture offers off the shelf and bespoke solutions to large producers and feed mills to enhance production parameters and animal health. Our probiotic products provide a vital alternative to antibiotic growth promoters.

ADM Protexin can also formulate and produce high quality bespoke “white label” products to meet your needs.



Agricultural Technologies Cluster Business Profile



Agri-EPI Centre

Duncan Forbes
Head of Dairy

South West Dairy Development Centre
Beard Hill
Shepton Mallet
BA4 6SS
United Kingdom

Tel: +44 (0) 1312 397100
Email: duncan.forbes@agri-epicentre.com
Web: <https://agri-epicentre.com/>



Agri-EPI is one of four UK agri-tech innovation centres established by government in 2016. Agri-EPI provides technical expertise, business support, project management and access to world-class research and innovation facilities and research assets. We build links between research, agri-tech innovation, industry and the value chain through our membership of 170 companies across agriculture, technology and the value chain.

The South West Dairy Development Centre (SWDDC) provides a fresh vision for the UK dairy industry and a truly innovative environment for the development, testing and demonstration of new technologies and techniques to support sustainable, efficient and high health and welfare milk production. The facility boasts state-of-the-art robotic milking, feeding and an extensive precision grazing platform. Agri-EPI staff provide dairy farming expertise, data support and project planning/facilitation to provide you with robust, independent data to validate your innovation.



Agricultural Technologies Cluster Business Profile

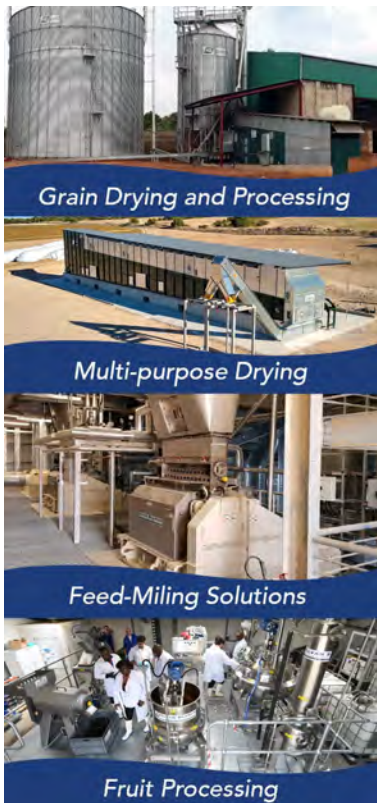


Alvan Blanch

Jorge Semiao
Marketing Manager

Alvan Blanch Development Company Limited
Chelworth, Crudwell
Malmesbury, Wiltshire
SN16 9SG
United Kingdom

Tel: +44 (0) 1666 577333
Email: info@alvanblanch.co.uk
Web: <http://www.alvanblanchgroup.com/>



With over 60 years of experience, Alvan Blanch is a British manufacturing and project engineering company specialising in the design and supply of machines and integrated systems for processing agricultural crops, biomass and waste materials.

With more than 110 people in the workforce, the generational family-owned business currently exports to more than 100 different countries worldwide and has a strong R&D department that works closely with customers, finding the best processing solution for each crop.

Boasting an extensive product range - from individual machines to large-scale industrial projects - Alvan Blanch, the UK's leading manufacturer of grain driers and driers for biomass and waste materials, has the processing solution for most of the world's crops. We can supply complete systems for Feed Milling, Grain and Seed Cleaning, Hemp Processing, Fruit Processing, Rice Milling and many more.

Providing high-quality, innovative machinery alongside exceptional personal service, Alvan Blanch is on hand to help take your farm into the future.



Agricultural Technologies Cluster Business Profile

AP Air Europe



Gary Watling
Manager

AP Air Europe Ltd
Unit 9-12 Wisloe Business Park, Wisloe Rd
Cambridge, Gloucestershire
GL2 7AF
United Kingdom

Tel: +44 (0) 1453 891320
Email: gary.watling@apairltd.com
Web: <https://www.apairltd.com/>



AP Air Europe based in Cambridge, Gloucestershire is Europe's leading supplier of air conditioning parts, tools and consumables, principally for agricultural and construction vehicles, but also forestry vehicles, road sweepers and many others. We offer next day shipment in the UK from a range of over 50,000 products. We also have our own 3,000 square foot warehouse in France and distributors in Ireland, Australia and New Zealand. In 2020, we shipped to over 50 countries. We mainly deal with engineers and installers, but we also supply the end user. We are ISO 9001 certified and renowned for our expertise and technical support.

We have over 30 years' experience within the industry and our knowledgeable sales team is happy to assist with enquiries and identify parts required by our customers.

As a company whose reputation is based on quality, our shelves are lined with parts from Sanden, Denso, Delphi and aftermarket equivalents. We hold a wide range of compressors, condensers, receiver driers, evaporators and blower motors as well as the diagnostic tools and consumables that are needed to fix agricultural and construction air conditioning systems.



Agricultural Technologies Cluster Business Profile



Applied Genomics

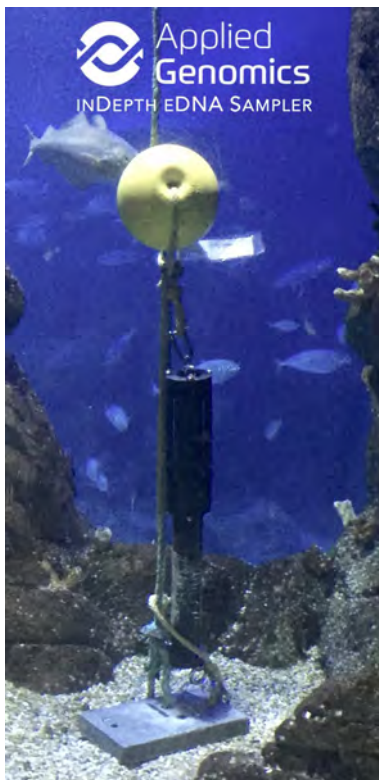
Sebastian Mynott
Chief Operations Officer

Applied Genomics Ltd
Brixham Environmental Laboratory, Freshwater Quarry
Brixham, Devon
TQ5 8BA
United Kingdom

Tel: +44 (0) 1803 611818

Email: sebastian@appliedgenomics.co.uk

Web: <https://appliedgenomics.co.uk/>



Applied Genomics Ltd. delivers environmental DNA-based analysis services for the detection, monitoring and management of biological diversity. Our methods enable you to make improved, data-driven decisions for efficient and cost-effective management of environmental pressures.

With extensive global experience working across many industrial sectors, we are the experts in devising practical solutions for environmental genomics applications. We have proven our technology to be effective in the following applications:

- Aquaculture - environmental zone of effect monitoring.
- Agriculture - characterisation of soil biodiversity.
- Fisheries - monitoring fish community diversity and distributions.
- Contaminated Sites - biodiversity impact analysis.
- Forestry - habitat analysis and disease monitoring.
- Ports and Maritime - biosecurity surveillance for invasive non-native species.

Every project presents its own challenges for environmental management. Our team is an extension of yours. Contact us today to see what solutions we can develop for you.



Agricultural Technologies Cluster Business Profile



Arboricultural Association

Steve Hodsman
Marketing Manager

Arboricultural Association
Malthouse, Stroud Green, Standish
Stonehouse, Gloucestershire
GL10 3DL
United Kingdom

Tel: +44 (0) 1242 522152

Email: steve@trees.org.uk

Web: <https://www.trees.org.uk/>



As the leading voice on all matters arboricultural in the UK and increasingly internationally, the Arboricultural Association (AA) provides a home and membership for all those employed within the sector. The AA was founded in 1964 as a scientific and educational organisation, keen to promote the care and value of trees in non-forest areas. We champion the sustainable management of trees in places where people live, work and play - for the benefit of the whole of society.

The AA is regarded by many as being the focal point for world class best practice in arboriculture and is the UK home for all sectors of arboriculture within civic, commercial and academic settings and the home for all levels of tree care, craft, technical, supervisory, managerial or consultancy professionals. Our professional members are increasingly employed and consulted, wherever there are trees, all over the world, to deliver specialist advice and operations.



Agricultural Technologies Cluster Business Profile

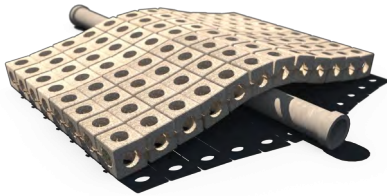


ARC Marine

Tom Birbeck
CEO

ARC Marine Ltd
Brixham Laboratory Freshwater Quarry
Brixham, Devon
TQ5 8BA
United Kingdom

Tel: +44 (0) 1803 659195
Email: tom@arcmarine.co.uk
Web: <https://arcmarine.co.uk/>



ARC Marine is an award-winning eco-engineering company founded in 2015. We specialise in the design and manufacture of nature inclusive subsea protection structures and advanced ecological monitoring services. In the oil and gas and offshore wind industries, projects use subsea protective components such as concrete mats, rock bags and frond mats to protect exposed cables and pipelines. These products cause benthic damage and plastic pollution.

ARC Marine is disrupting the offshore construction industries with award-winning, patented product Reef Cubes®, by accelerating reef creation through its nature inclusive design. ARC Marine's innovative technology allows every project to leave a positive marine legacy. It is patent granted in the UK and pending in the USA, Mexico, China, South Korea, Japan, Australia, India, Saudi Arabia and the EU. Reef Cubes® are the only artificial reef technology on the market that do not contain any plastics or Portland cement and therefore has a CO2 footprint that is 90% less than standard concrete products.



Agricultural Technologies Cluster Business Profile



Auger Torque

Rohan Saldanha
Head of International Business Development

Auger Torque Europe Ltd
Shipton Down Farms, Hazleton
Cheltenham, Gloucestershire
GL54 4DX
United Kingdom

Tel: +44 (0) 7825 535914
Email: rohan.saldanha@augertorque.com
Web: <https://www.augertorque.com/>



Auger Torque is a premium attachments manufacturer that enables customers to utilise their plant and heavy equipment to become multifunctional assets that enhance productivity and improve return on investment from those assets. We provide unique attachments for drilling, trenching, hedge trimming, vegetation clearing and system sales that enable customers to get more out of the standard job.

Auger Torque, with its global market reach in over 96 countries, operates through a network of dealers and distributors providing unique attachment solutions to the agricultural sector that are cost effective and allow the use of newer technologies to enhance operational efficiencies. Whether you use Auger's planetary gear drive or sword trenchers, we ensure good quality attachments that can operate on all makes and models of parent machines. From solutions employed in the deployment of drip irrigation or planting of complete palm trees in the desert, to mulching of dead trees/vegetation to be used as fertilizer for fields (in lieu of burning), Auger Torque focuses on sustainable and environmental solutions globally.



Agricultural Technologies Cluster Business Profile

BIOCHAR WORKS

Biochar Works

Simon Manley
Director

Biochar Works Ltd
The Covey, Tower House Lane
Wraxall, North Somerset,
BS48 1JR
United Kingdom

Tel: +44 (0) 7809 672578

Email: simon@biocharworks.co.uk

Web: <https://www.linkedin.com/in/simonmanleybiocharworks>



Global solutions that convert waste into high-value sustainable products that also remove carbon from the atmosphere. Biochar Works designs and implements systems that process almost all categories of waste to produce renewable energy and biochar. This includes waste from food production and consumption, construction and agriculture (biomass and manures).

Our systems use a process called pyrolysis where waste materials are heated in an oxygen free environment. Pyrolysis produces energy to replace fossil fuel use and biochar, a high-carbon solid material. Biochar can be used for multiple sustainable applications including:

- Soil Improvement
- Water filtration
- Cattle Feed Additive
- Construction materials
- Sustainable Materials (flooring and packaging)

For every tonne of biochar used in a sustainable application (as above) the equivalent of three tonnes of CO₂ are removed from the atmosphere.

Biochar systems can now be certified to generate Biochar carbon credits which can be traded in voluntary carbon markets and used as part of Carbon Neutral and NetZero strategies worldwide.



Agricultural Technologies Cluster Business Profile



Bolina

Filip Stefanovic
Export Manager

Bolina Ltd
Bridge End, Elm Grove Road, Topsham
Exeter, Devon
EX3 0EJ
United Kingdom

Tel: +44 (0) 1392 877991
Email: filip@bolinabooms.com
Web: <https://www.bolinabooms.com/>



Bolina Ltd is headquartered in the United Kingdom with strategic partners worldwide. We are the European leader in marine safety, security and environment booms for inland waterways, dams and critical infrastructure.

Our mission is to keep the world's waterways and critical infrastructure healthy, safe and secure, standing for high quality, longevity and a sense of honest reliability.

One of the bestselling products across Europe is the modular debris boom which can be deployed by agricultural contractors on a temporary basis into waterways to collect floating debris such as grass and other cuttings.

Bolina was recently acquired by Ecocoast, a global leader in engineered solutions for sustainable coastal and marine development founded by two Australian entrepreneurs.

The acquisition allows clients to have access to an unmatched range of marine products for coastal and marine protection, demarcation, navigation, safety and security globally.

Please visit:
www.bolinabooms.com
www.ecocoast.com



Agricultural Technologies Cluster Business Profile



Brightwater Diagnostics

Dr Stephen Gundry
Director

Brightwater Diagnostics Ltd
22 Sydney Buildings
Bath, Somerset
BA2 6BZ
United Kingdom

Tel: +44 (0) 7722 404670

Email: stephen.gundry@brightwater-diagnostics.co.uk

Web: <https://www.brightwater-diagnostics.co.uk/>



Our **mini:test:100** system offers an easy method to check water hygiene, without sending samples to external laboratories. Users do not need technical skills to operate the system.

Water hygiene is an important factor for the quality of agricultural produce. For intensive livestock production, unclean drinking water affects animal growth. For horticultural products, such as salads and soft fruit, contaminated irrigation or rinsing waters can result in *E. coli* and other harmful bacteria remaining on the produce supplied to the end consumer.

Brightwater Diagnostics has developed **mini:test:100**, an on-site microbiological water testing system. By using fluorescent reagents (see picture), it provides easy-to-read quantitative results for the level of *E. coli* in a 100ml samples of water. The system includes a desktop incubator/reader unit and single-use sample containers. The results are comparable to ISO Standard method 9308-2:2014. Safety is ensured with built-in pasteurisation of the processed samples.

We are seeking distributors with established marketing and sales networks for the agricultural sectors in their countries, with particular emphasis on water supply equipment or analytical instruments.



Agricultural Technologies Cluster Business Profile



Brinsea Products Ltd

Marc Wilson
Export Sales Development Manager

Brinsea Products Ltd
32-33 Buckingham Road, Weston Industrial Estate
Weston-super-Mare, North Somerset
BS24 9BG
United Kingdom

Tel: +44 (0) 7837 093732
Email: M.Wilson@brinsea.co.uk
Web: <https://brinsea.co.uk/>



Brinsea Products Ltd, the incubation specialists, has been manufacturing world leading egg incubation equipment in the UK for over 40 years. Brinsea's products are used by avian centres of excellence and a wide range of bird breeders from hobbyists to small scale farmers, for species as diverse as hens, waterfowl, game, parrots, exotic eggs and birds of prey.

Our products range from a small table-top seven hen egg incubator to our largest free-standing OvaEasy 580, capable of incubating 576 hen eggs. Models are available to suit all budgets with a variety of features from manual turn incubators to incubators with fully automatic turning and humidity control. A range of bird brooding equipment, essential for hatchlings, is also available from Brinsea. Our latest innovation, the patented ChickSafe Hen House Door Closers are simple to fit and help to give chicken keepers peace of mind, knowing that their flock is safely shut away from predators after dark.

Brinsea's quality assurance programme means that we confidently offer a three-year guarantee on all of our products. Brinsea has distributors in over 50 countries.



Agricultural Technologies Cluster Business Profile

Chapman Machinery Ltd

CHAPMAN

James Chapman
Director

Chapman Machinery Ltd
Hele Barton, Week St Mary
Holsworthy, Devon
EX22 6XR
United Kingdom

Tel: +44 (0) 1288 308149
Email: james@chapman.co.uk
Web: <https://chapman.co.uk/>



Chapman Machinery Ltd design and manufacture a range of machinery for the agricultural and grounds care sectors, with particular focus on attachments for all terrain vehicles (ATV) and utility terrain vehicles (UTV) such as mowers, trailers and feeders.

Established in 2010, Chapman Machinery is a family business which focuses on manufacturing quality products and supporting them with great after-sales service, alongside a 2 year machine warranty. We manufacture all of our machines in the UK using state of the art machining, laser cutting and finishing equipment to ensure a consistent product is produced to schedule.

Our current product range includes:

- Flail Mowers
- Rotary Toppers
- Field & Arena Harrows
- Trailed & Mounted Livestock Feeders
- Trailed Herbicide Applicators
- Round Bale Transporters
- Sweeper Collectors
- Trailed & Mounted Game Feeders
- Tipping & Livestock Trailers

We currently have openings for distributors around the world with particular interest in enquiries from the EU, North America and Australia/New Zealand.



Agricultural Technologies Cluster Business Profile



Cosy Calf

Mandy Turner
Director

Cosy Calf Limited
Sandpits Poultry Farm, Broadwindsor
Beaminster, Dorset
DT8 3RB
United Kingdom

Tel: +44 (0) 1308 868337 ; +44 (0) 7973 444140
Email: mandy@cosycalf.co.uk
Web: <https://www.cosycalf.co.uk/>



Cosy Calf Limited was formed in 2012. Cosy Calf is the registered designer and supplier of calf jackets used in the agricultural industry. The product is for use from birth up to around five weeks of age on calves. The benefits of using calf jackets is to make better use of energy from feed for growth rather than warmth thus making cost savings of feed and bedding. The jackets allow for better ventilation in calf rearing areas so as to reduce the outbreaks of pneumonia.

Trials have shown much better growth rates and significantly reduced cases of pneumonia and scours in calves with jackets. Targets of getting heifers into the parlour by two years of age mean that growth rates start from day one. A calf uses 2% of its energy from feed for every 1 °C below 10 °C if it is under one month old. Therefore at 0 °C the calf uses 20% of its energy from feed just to keep warm.

In the UK, the majority of farms now use calf jackets as a matter of protocol on all calves under one month old when the temperature drops below 10 °C.

A great return on your investment.



Agricultural Technologies Cluster Business Profile



Cropdesk

David Trehane
Chief Executive Officer

Cropdesk Technologies Ltd
Cavendish Suite Saxon Centre, 11 Bargates
Christchurch, Dorset
BH23 1PZ
United Kingdom

Tel: +44 (0) 7525 069644
Email: david@cropdesk.com
Web: <https://www.cropdesk.com/>



Cropdesk Technologies was founded by a fruit farmer who wanted to automate the collection of data from his farm's harvest and labour use, and solve pain points of not knowing information until after it was needed in the daily operation of a fresh produce farming operation. Its main market is farmers who use labour to hand harvest their crops. It enables fresh produce farmers to improve efficiency.

Cropdesk Production is a cloud hosted enterprise B2B agri-tech product operating a SAAS business model. It allows fresh produce farmers in both developing and developed countries to collect key data about their daily operations, labour deployment and production, which can be used to become more efficient, produce more food and less waste.

Productivity and time spent per employee, productivity of each field/crop/variety by field/ area/linear metre, even per plant is instantly visible for all operations on every farm in real time from anywhere in the world. We are constantly innovating with some of the best research in the world to provide complete integrated technology ecosystems for fresh produce farmers around the world.

We will connect other Precision Agriculture applications to Cropdesk to control many other aspects, such as irrigation and climate control, from within our application.



Agricultural Technologies Cluster Business Profile

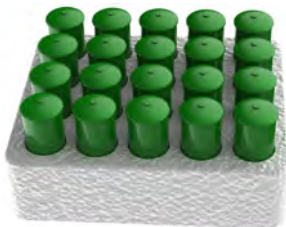


Denis Brinicombe Group

Keith Greig
Managing Director

Denis Brinicombe Group Ltd
Fordton Industrial Estate
Crediton, Devon
EX17 3BZ
United Kingdom

Tel: +44 (0) 1363 775115
Email: enquiries@brinicombe.co.uk
Web: <http://brinicombe.co.uk/group>



Founded in 1973, the Denis Brinicombe Group manufactures unique, innovative animal nutrition products and functional feed ingredients. Our mission is to improve animal health by using preventative nutrition techniques with less reliance on chemicals and antibiotics to combat anti-microbial resistance.

Whilst our roots are embedded in ruminant livestock systems, we have also diversified into the poultry, equine and aquaculture markets. In-house R&D facilities combined with full control of the supply chain brings products to the marketplace that can be differentiated.

Our ground-breaking, multi-species PST-22 Polysulphide Technology® can be incorporated into feeds and uses the natural feed ingredient, Ectogon-284®, to control ectoparasites. PST-22 can also be dispensed to improve respiratory health in poultry houses.

We are also market leaders in cutting-edge trace element bolus technology. The unrivalled and unique EnduraBol® range supplies cattle regulated essential trace elements and vitamins from a single point of erosion for 4, 6 and 8 months.

We offer white label opportunities and joint product development. Manufacturing capabilities are considerable and cover most areas of nutrition.



Agricultural Technologies Cluster Business Profile



Dub'l-Lif

Mark Petrich
Director

Dub'l Lif (Taunton) Limited
Belvedere Trading Estate
Taunton, Somerset
TA1 1BH
United Kingdom

Tel: +44 (0) 1823 333568
Email: Mark@dubl-lif.co.uk
Web: <https://dubl-lif.co.uk/>



Dub'l-Lif was established in 1956 and to this day, it remains a family business. We pride ourselves on rapid production turnaround, excellent customer service and using the best materials to deliver consistent quality 'double the life span' products. The range is manufactured and assembled in England, at our company's own premises. For over 60 years we have wholesaled to those who supply Agriculture, Equine Establishments, Road Surfacing, Sports Facilities, Emergency Services and Construction. We have the flexibility to work with our customers to tailor products to their individual specification.

Our "Double the Life" product range includes:

- Squeegees and Scrapers* - move liquids and solids with other materials simply. The durable Red Stripe rubber blade is reversible.
- Broom Fixings* - extend the lives and strength of broom heads and handles.
- Ultimate Boot Jack* - with long handle, mud scraper and brushes, cleans and removes footwear with ease.
- Scraper mats with or without brushes - for areas where muddy boots gather.
- Telescopic Brooms - store a full broom where space is limited or when travelling.
- Snow Pusher - breaks up ice and compacted snow and simply moves the slush away.

(All products available in zinc electroplated steel and
*available in a range of powder coated colours.)



Agricultural Technologies Cluster Business Profile



Ekogea

Ian Cain
Director (International Development)

Ekogea UK Limited
Merrifield, Woodland
Ashburton, Devon
TQ13 7JS
United Kingdom

Tel: +44 (0) 1752 424949
Email: info@ekogea.co.uk
Web: <http://www.ekogea.co.uk/>



Ekogea manufactures and sells BioComplex additives - a range of natural, organic certified and sustainable proprietary marine algae derived products. BioComplex works by improving microbial performance in a variety of agricultural and industrial settings, including anaerobic digestion biogas enhancement where Ekogea is World Biogas Association award winner.

Ekogea products play a part in multiple areas of the Circular Economy: bio-fertilisers, soil rejuvenation, animal feed, animal bedding treatment, waste recycling and anaerobic digestion process enhancement.

The product, invented more than 20 years ago, comprises concentrated polyuronic extracts of *Ascophyllum Nodosum*, sustainably grown around the Island of Lewis in Scotland.

BioComplex is available in liquid and granulate formulations. Our animal feed is FEMAS and UFAS certified. Ekogea's BioComplex F (feed) is shown to support the gut biome with pre-biotic effect, improving health and the environment. Improved gut and process efficiency improves profit margins for our diverse client base. It has applications in animal health, biogas production and field crops.

EKOGEA ... global awards winners and proud supporters of the Circular Economy.



Agricultural Technologies Cluster Business Profile



Emerald Research

Simon Fox
CEO

Emerald Research Limited
Pennywell House, The Reddings
Cheltenham, Gloucestershire
GL51 6RL
United Kingdom

Tel: +44 (0) 1242 506206
Email: sfox@emeraldresearchltd.com
Web: <https://www.emeraldresearchltd.com/>



Through our **OptiYield®** brand we integrate our pioneering Bio and Agri Technologies to deliver a scientific farming milestone. Emerald Research undertakes extensive research in developing an expanding set of unique crop nutrition, biological and biochemical biostimulant products. Alone, each delivers considerable crop development, yield and stress moderating benefits. However, correctly balanced combinations return significantly greater rewards.

To deliver this and founded on new and extended soil and plant tissue laboratory analysis methods, **OptiYield® NAMS** (Nutrient Availability Modelling System) is a web-based crop growth optimisation system driven through integrated software algorithms.

Thus **OptiYield® NAMS** combines soil analysis results with crop specific agronomics and soil science to generate effective full-lifecycle crop nutrition and biostimulant programmes, utilising our library of unique bioactive products, delivering 10-25% marketable yield increases in high-value crops.

As weather, pests and disease will still affect a growing crop, we have complimented **OptiYield® NAMS** by developing a unique partner in-field Crop Assessment App that uses environmental and sap test techniques to give on-the-spot crop health assessment and corrective nutrition/biostimulant recommendations.



Agricultural Technologies Cluster Business Profile



EmTech

Ken Baker
Managing Director

EmTech Hatchery Systems Ltd
Lopen Business Park, Mill Lane, Lopen
South Petherton, Somerset
TA13 5JS
United Kingdom

Tel: +44 (0) 1460 240255

Email: sales@emtech-systems.com

Web: <https://www.emtech-systems.com/>



EmTech Hatchery Systems has quickly grown to be a successful and diverse supplier of equipment for hatcheries worldwide. EmTech is based in South West England and has the most highly-experienced team in the industry. They have created excellent new products for commercial poultry suppliers as well as for smaller game bird operations. EmTech also supplies innovative ventilation systems and upgrades for existing under-performing incubation systems.

In 2014, the EmTech team set about designing systems that married fresh ideas with older, often-forgotten innovations to create a range of products that have quickly taken the industry by storm. The 'EmTech Effect' embodies our design philosophy and ethos, and ensures that the temperature differential within the incubator cabinet varies by no more than 0.6°C so that all of the chicks hatch within a very short hatch-window.

EmTech supply their flagship range of high-performance PrimoTech Single Stage Incubators for all types and sizes of operation. Multi-stage customers are catered for with our NovaTech range and both systems complement our stainless-steel lined VidaTech Hatcher range.

Our acclaimed EnviroTech and AirTech, 'packaged' ventilation systems, are also instrumental in providing perfect conditions for the best quality chicks.



Agricultural Technologies Cluster Business Profile



Equine Health Centre

Justin Chittenden
Managing Director

Equine Health Centre Limited
The Factory,
Aller, Somerset
TA10 0QN
United Kingdom

Tel: +44 (0) 1458 251300
Email: Justin@equinehealthcentre.com
Web: <https://www.equinehealthcentre.com/>



Equine Health Centre designs, manufactures and installs a range of pioneering training and rehabilitation equipment for sports horses. Our core product is the Seawalker which enables multiple horses to train simultaneously in variable levels of ice cold salt water. We have installed Seawalker systems at high profile training facilities in the UK, Europe, the Middle East and Australia and are currently exploring opportunities in the Far East. We also manufacture a range of synthetic all-weather surfaces for outdoor and indoor applications and represent selected European partners with similarly targeted products which we install and maintain in the UK and the Middle East.

The development of the Seawalker has involved significant research and development of water filtration technology to maintain clean, clear and safe water. This accumulated in-house knowledge has enabled us to develop a new concept for recycling domestic grey water for re-use and irrigation. This low cost filter is simple to install, has no moving parts and uses no chemicals. We are currently working with developers in the UK and the UAE and hope to explore other international opportunities.



Agricultural Technologies Cluster Business Profile



Evans and Pearce

Rob White
Managing Director

Evans and Pearce Limited
Anchor Farm, Trent
Sherborne, Dorset
DT9 4SH
United Kingdom

Tel: +44 (0) 1935 850750
Email: info@evansandpearce.com
Web: <https://www.evansandpearce.com/>



Trading since 1968, we provide those involved in the production and processing of grain with ventilation products to ensure crops do not spoil whilst in storage.

Poor ventilation of crops post-harvest can result in losses exceeding 50%. Significant investment is often made to improve crop yield and quality. Unfortunately, these crops can be placed into store only to deteriorate due to inadequate ventilation.

Our products introduce low volumes of ambient air into the crop to remove heat but not reduce crop moisture and in turn, preserve crop yield and quality. Systems are modular and range from the manually operated to fully automated stores that ensure cooling air is moved through the crop under optimum conditions.

With a low purchase price and low running cost, Polycool is a modest investment to protect valuable crops whilst in storage.

Our products are recognised for their robust and reliable design. They have been used globally to help cool a wide range of crops including wheat, corn, pulses, peanuts, sunflower and soya.





Agricultural Technologies Cluster Business Profile



Farm491

Sarah Carr
Head of Farm491

Farm491, Royal Agricultural University
The Alliston Centre, Stroud Road
Cirencester, Gloucestershire
GL7 6JR
United Kingdom

Tel: +44 (0) 1285 889933
Email: sarah.carr@rau.ac.uk
Web: <https://farm491.com/>



Farm491 is a leading UK-based innovation space focused on the future of farming and food systems. Based and owned by the Royal Agricultural University, we work with entrepreneurs through all their stages of growth leveraging our unique network of academic, industry and farming contacts and in-house experts to help companies achieve their aspirations primarily through strategic advice, support raising investment, finding the right talent to build the team, access to new customers and being part of a network of other entrepreneurs.

Farm491 is also involved in local and national policy on Agri-Tech and works with national and international partners to help reduce the fragmentation in the UK innovation ecosystem.

In supporting agri-tech and agri-food entrepreneurs in converting their idea or technology into a viable and successful business, we do so against three core values: empowering farmers, empowering consumers and building climate resilience.



Agricultural Technologies Cluster Business Profile



Feed-Food.Ltd

Anton Surai
Managing Director

Feed-Food.Ltd
112 Broad Walk
Bristol
BS4 2RS
United Kingdom

Tel: +44 (0) 7752 846422
Email: asurai@feedfood.co.uk
Web: <https://www.feedfood.co.uk/>



Formed in 2006, Feed-Food.Ltd is active in over 20 countries today and specialises in innovations in the feed and food sector, specifically in the pig and poultry industries. We have a number of unique bespoke products developed for customers, namely:

PerforMax - a unique product for tackling stresses in pig and poultry industries, such as heat stress, stress of vaccination, chick placement, weaning in pigs, etc.

Vitatomic - a potent hepatoprotector, based on 3 different products - carnitine, betaine and silymarin.

Shellbone - the most innovative product for tackling issues with shell quality in poultry and bone structure and skeletal development in pigs and poultry.

All products have been developed and are supported by the Technical Director of the company, Professor Peter Surai, who is a world-famous authority in the field of nutrition, oxidative stress and protective mechanisms of antioxidant defence systems. He has over 40 years of experience, both theoretical and practical, in monogastric nutrition and health.



Agricultural Technologies Cluster Business Profile



Geollect

Connor Holmes
Head of Sales & Marketing

Geollect Limited
Hollywood Estate, Hollywood Lane
Bristol
BS10 7TW
United Kingdom

Tel: +44 (0) 1173 790330
Email: connorholmes@geollect.com
Web: <https://www.geollect.com/>



Geollect looks for, listens for and digs for data 24/7. Data which can fill the gaps, inform and predict rapid changes in global issues, thereby staying ahead of all situations, whether they are related to weather, agricultural issues, geopolitical or supply chain disruption.

Everything and everybody has a location somewhere on the earth. By looking for relationships and patterns, Geollect unlocks the power of this data to enable an understanding of when and where significant events are happening or are going to happen. Anticipation and speed of reaction to these events leads to effective decision making.

Geollect is looking to support scientists, farmers and the agricultural sector in the development of more effective smart farming techniques. Clients can use our platforms to visually represent agricultural data in order to gain valuable insights in support of decision making processes. Our platforms are supported by our specialist in-house team of Developers and Data Scientists, who provide, through contract development refining, our platform and services to suit your needs.

Geollect is transforming the way agricultural organisations around the world think. By locating and mastering complexity, we create simplicity.



Agricultural Technologies Cluster Business Profile



Glas Data

Colin Phillipson
Director

Glas Data Ltd
45 Lemon Street, Truro
Cornwall
TR1 2NS
United Kingdom

Tel: +44 (0) 7485 017650
Email: colin@glas-data.com
Web: <https://glas-data.com/>



Glas Data's vision is to unite the technological aspects of food production for the benefit of the entire sector. Glas Data's dashboard - GlasCore - enables agricultural businesses to unify siloed data from many different sources in one place with a single login.

Glas Data has integrated LoRaWAN sensor technology, offering real-time data and alerts from a myriad of business-critical touchpoints such as water monitoring, leak detection, feed silo quantities, milk vat temperatures, animal health and housing metrics, to environmental considerations like ammonia levels and weather station data. Users can easily build a comprehensive picture of their businesses and track trends in the information that is most important to them, whether live feeds, production or geolocated data.

Additionally, GlasCore's mapping supports land managers in visualising their estates, land parcels and buildings in a multitude of layers, creating an advanced view of their businesses and deployed sensor monitoring as well as crop and sustainability planning.

GlasCore's simplified workflow, big data and predictive analytics empowers farmers and processors, by saving time whilst supporting greener, more sustainable productivity.



Agricultural Technologies Cluster Business Profile



IoTech

Michael Leggett
Managing Director

IoTech Ltd
66 Fortescue Road
Poole, Dorset
BH12 2LJ
United Kingdom

Tel: +44 (0) 1202 914833
Email: michaell@the-iot.co.uk
Web: <https://www.the-ioa.com/>



IoTech is uniquely placed in the Internet of Things (IoT) sector where innovative smart technology is transforming the world. Based on three sites which include the Internet of Farming, the Internet of Agriculture and the Internet of Things, we are offering our services as both distributors of smart AgriTech products to manufacturers who wish to widen their representation and also full consultancy from concept, design to manufacture of your products.

We provide precision agriculture devices and specialised climate monitoring solutions utilising smart technologies for today's ever increasing demands on the agri-tech industry. At IoTech, we are technological innovators in agri-tech. Whilst adopting IoT devices and connectivity with huge success, we are truly sowing the seeds for the smart farms of today.



Agricultural Technologies Cluster Business Profile



IVF Bioscience

Mike Julian
Managing Director

IVF Limited trading as IVF Bioscience
Bickland Industrial Estate
Falmouth, Cornwall
TR11 4TA
United Kingdom

Tel: +44 (0) 1326 370642
Email: mike@ivfbioscience.com
Web: <https://ivfbioscience.com/>



IVF Bioscience manufactures high quality culture media for in vitro fertilisation (IVF) in cattle, horses, sheep, goats and camels. Our innovative suite of ready-to-use media is helping customers around the world to achieve higher blastocyst rates and superior results.

Established in late 2015 by the founders of Research Instruments, IVF Bioscience is a market leader challenging conventional thinking and bringing the latest products and techniques to the agricultural sector. Our advanced serum-free media system is provided in combination with a detailed IVF protocol and backed by continuous technical support to assist those new to the industry as well as more experienced practitioners.

The main features of our product range are:

- Advanced cutting-edge formulation, achieving class leading blastocyst rates
- Manufacturing in a class 8 cleanroom environment to ISO standard 13485, which is the standard used by the human IVF media industry
- Long product shelf life, resulting in excellent stability and consistency
- Comprehensive guidance for use, delivered by detailed protocol documents and video training modules.

We continue to grow our business year-on-year building on a platform of excellence in quality, consistency and customer support.



Agricultural Technologies Cluster Business Profile



LettUs Grow

Charlie Guy
Co-Founder and CEO

LettUs Grow Ltd
Unit 4 Avon Valley Business Park
Chapel Way, Bristol
BS4 4EU
United Kingdom

Tel: +44 (0) 7854 053045
Email: info@lettusgrow.com
Web: <https://www.lettusgrow.com/>



LettUs Grow has designed an indoor farming system that needs no fertile land to operate, uses zero pesticides and provides a climate resilient crop. The offering is centred around two core technologies: an aeroponic system and a farm management software.

The aeroponic system provides a consistent, predictable and climate-resilient food supply all year round. It has shown significant growth rate increases across a range of crops for consumption, propagation and forestry (compared to current vertical farming methods) and uses up to 95% less water and fertiliser than open-field farming.

The easy-to-use software platform, called Ostara, collects data, oversees inputs and crop history, provides data automation, optimisation and business planning tools to farmers, helping to maximise yields while minimising labour and resource use. It collects data from built-in sensors to monitor the growing environment, autonomously controlling factors such as irrigation schedules, temperature, lighting and humidity to optimise growth conditions to specific "crop recipes".

LettUs Grow's technology can be applied to urban and traditional farms, food corporations and research centres, the two technologies have also been combined to create a product called DROP & GROW, the UK's only aeroponic container farm.



Agricultural Technologies Cluster Business Profile



Lister Shearing Equipment

Martin Booth
Head of Sales & Commercial

Lister Shearing Equipment Limited
Units 3 & 4 Brunel Way, Stroudwater Business Park
Stroud, Gloucestershire
GL10 3SX
United Kingdom

Tel: +44 (0) 1453 826692

Email: Martin.booth@lister-shearing.co.uk

Web: <http://www.lister-global.com/>



Lister Shearing Equipment is one of the most recognised, trusted and world-renowned manufacturers in shearing products. Established more than 100 years ago, we have set the standard for reliability and quality through engineering innovation. Working with leading shearers and farmers around the world, we have listened to the feedback of our users and studied the way in which our products are used to develop market leading innovations. The quality of these products is proudly reflected by Lister's receipt of a Royal Warrant and consecutive maintenance for over 60 years.

At Lister, we strive to look towards the future and never stop innovating. This has enabled our expert team to encapsulate shearing needs, animal safety and user safety into all our products, with features such as an electronic safety sensor in our shearing machine that offers invaluable protection for both the shearer and animal.

Our range of shearing products for both professionals and novices provides products for every shearing job with a huge variety of combs, cutters, handpieces and machines, so no fleece is a challenge.



Agricultural Technologies Cluster Business Profile



Micron Bio-Systems

David Turnbull
Commercial Director

Micron Bio-Systems Ltd
BFF Business Park, Bath Road
Bridgwater, Somerset ,
TA6 4NZ
United Kingdom

Tel: +44 (0) 1278 427272 / +44 (0) 7771 843208

Email: david.turnbull@micronbio-systems.co.uk

Web: <https://www.micronbio-systems.co.uk/>



Micron Bio-Systems is dedicated to developing and manufacturing cutting edge, product-based agricultural solutions, designed to improve animal health and performance, the environment and biogas production. Our core scientific competencies are in microbiology, biochemistry, enzymology and immunology.

Our product range includes forage inoculants, mycotoxin remediators, nutraceuticals and biological environmental treatments to reduce ammonia from agricultural waste and products that increase energy production in anaerobic digestion.

Our products are supplied through our network of longstanding and trusted global distributors, whilst also welcoming approaches from new distributors to help grow our market.

Mycocheck is our comprehensive laboratory analysis service for the detection of mycotoxins. Mycocheck uses ultra high performance liquid chromatography mass spectrometry (UHPLC-MS/MS) to detect and identify the main mycotoxins in forage, grains, straw and compound livestock feeds. Mycocheck is a UKAS accredited service. www.mycocheck.co.uk



Agricultural Technologies Cluster Business Profile



Octavius Hunt

Joanne Scutcher
Sales & Marketing Manager

Octavius Hunt Limited
Dove Lane, Redfield
Bristol
BS5 9NQ
United Kingdom

Tel: +44 (0) 1179 555304
Email: info@octavius-hunt.co.uk
Web: <https://octaviushunt.co.uk/>



Octavius Hunt was established in 1870 and has grown to become a successful and leading manufacturer of smoke products for various industries with a global network of distributors. Based in Bristol, we are primarily involved in the production of smoke pesticides to treat empty grain or cocoa stores, store houses and greenhouses; smoke fungicides for food storage and cut flowers; pest control smokes for commercial and domestic public health applications; and disinfectant smokes for a variety of applications such as food production, medical, agricultural and commercial premises.

Our smoke generators and smoke pellets offer knockdown and kill effectiveness, have strong efficacy results, total area coverage and low operator exposure. We are ISO 9001:2015 accredited and all of our products are subject to stringent testing.

The benefits of using pesticide smoke products include:

- No need for mixing or application equipment
- Simple and easy to use
- Non-tainting and no residual odour
- Reaching inaccessible areas.

Products can be provided with Octavius Hunt label artwork or manufactured and printed to client's own-branded specifications.



Agricultural Technologies Cluster Business Profile



Perry Engineering Services

Claire Perry
Operations Director

Perry Engineering Services Ltd
The Airfield, Marcus Road
Dunkeswell, Nr Honiton, Devon
EX14 4LF
United Kingdom

Tel: +44 (0) 1404 890300
Email: sales@perryengineering.com
Web: www.perryengineering.com



GRAIN STORAGE & CONSTRUCTION



BIOMASS PRODUCT DRYING



GRAIN DRYING



FLOUR MILLING

Perry Engineering Services manufactures a full range of bulk materials and grain handling and drying machinery. With our team of specialist engineers, we can offer, globally, full turnkey solutions, from design to installation and continued maintenance of the equipment. We offer complete solutions for industries such as farm, commercial grain stores, seed cleaning plants, flaking mills, feed mills, flour mills, biomass handling, drying systems and more.

As a third generation family business we have been trading for 74 years and our staff have over 500 years of industry experience. Perry is the UK's most experienced manufacturer of material handling and drying equipment. Our equipment is designed and manufactured in the South West of England.

Our conveying equipment is capable of capacities from 8tph (agricultural specification) to 1,000tph (industrial specification) and includes elevators, chain and flight conveyors, augers/screw conveyors, pre-cleaners and much more. Our continuous mixed flow grain driers have capacities from 5tph to 150tph. Our belt driers are suitable for drying any non-granular products including grass, alfalfa, cassava, hemp, woodchip, sawdust and digestate.



Agricultural Technologies Cluster Business Profile

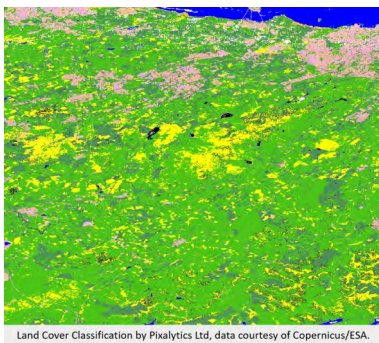
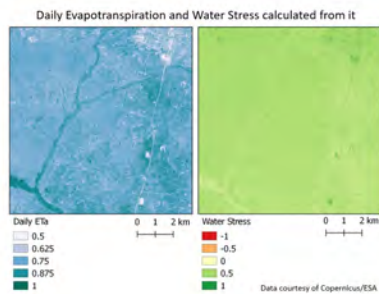


Pixalytics

Dr Samantha Lavender
Managing Director

Pixalytics Ltd
Plymouth Science Park, 1 Davy Road
Plymouth, Devon
PL6 8BX
United Kingdom

Tel: +44 (0) 1752 764407
Email: enquiries@pixalytics.com
Web: <https://www.pixalytics.com/>



Pixalytics Ltd, based in Plymouth, is an independent Earth Observation (EO) company specialising in satellite remote sensing. Formed in 2012 we use satellite data and innovative scientific knowledge to provide answers to questions about the planet's resources and behaviour. The company has science at its heart and is built on knowledge and experience of satellite remote sensing, in both academic and commercial environments. Using our own research and peer-reviewed published papers we develop EO products and services based on cutting-edge scientific knowledge.

Our specialist knowledge in marine and terrestrial EO allows us to offer products for both agriculture and aquaculture applications. We have developed vegetation and water quality mapping products providing the outputs in text files, Excel spreadsheets and GeoTIFF imagery as needed by users with computer to computer interfaces. Current work is focusing on sustainable agriculture, including the effects of climate change through factors such as a lack of soil moisture that can cause water stress.



Agricultural Technologies Cluster Business Profile



PRM Waste Systems

Brian Moore
Managing Director

PRM Waste Systems Ltd
21 Knights Road, Chelston Business Park
Wellington, Somerset
TA21 9JH
United Kingdom

Tel: +44 (0) 1823 665541
Email: info@prmwastesystems.com
Web: <https://www.prmwastesystems.com/>



Food Waste and Organics Volume Reduction with the PRM Bio-Processor.

PRM Waste Systems has been established in the waste and recycling market since 1998. Over the last four years our intensive product design and development programme has produced a technically advanced and innovative range of bio-processors.

Benefits include:

- **80-90 % reduction in food waste volume.**
- **80-90% reduction in truck movements** for collection, with associated reduction in carbon footprint.
- **Processing of bio-degradable packaging,** accelerated break down within 24 hours, rather than the normal six months, accepted by anaerobic digestion plants.
- **High energy substrate** suitable for use in biomass boilers, producing hot air/water and soil enrichment.
- **Developing market for feedstock stabilisation** destined for the emerging pharmaceutical, cosmetic, bio-security and bio-degradable plastic packaging manufacturing sectors.
- **Bio-Processors controlled by advanced JEM Logic Control,** all operations are controlled and monitored by the software. Every control function relevant to the operation of the bio-processor can be viewed remotely anywhere in the world with the addition of a SIM-card.



Agricultural Technologies Cluster Business Profile



Ridgeway Science

Hester Joubert
P4Gold Business Coordinator

Ridgeway Science Limited
Park Farm Buildings, Park Lane
St Briavels, Gloucestershire
GL15 6QX
United Kingdom

Tel: +44 (0) 1594 530809

Email: enquiries@ridgewayscience.co.uk

Web: <https://p4gold.com/>



Ridgeway Science's new gold standard real-time fertility tool is designed to help you make the most out of your herd.

P4Gold is non-invasive, fast, easy and accurate. It can help improve Pregnancy Diagnosis (PD) percentages, give insight into poor fertility, help your vet to diagnose fertility problems, and work alongside other heat detection methods to remove false positives. It can even act as a non-pregnancy test when used after an artificial insemination (AI).

P4Gold is a rapid diagnostic single use test for use in cow's milk. It takes around 10 minutes and can accurately tell you where your cow is in her cycle, allowing you to make decisions about AI timing.

P4Gold detects the level of progesterone or 'P4' in milk. The concentration of P4 in the milk shows where a cow is in her oestrous cycle and allows you to determine when a cow is in heat.

P4Gold will help you to accurately detect heat, time AI, detect fertility problems, detect silent heats, diagnose non-cycling cows, increase conception rates, reduce calving intervals, check if a cow has returned post AI, improve herd productivity and ultimately save money.



Agricultural Technologies Cluster Business Profile



Rotolok

Julian Walker
Global Business Development Manager

Rotolok Limited
1 Millennium Place, Tiverton Business Park
Tiverton, Devon
EX16 6SB
United Kingdom

Tel: +44 (0) 7519 070930
Email: julian.walker@rotolok.co.uk
Web: <https://rotolok.com/>



Rotolok Ltd manufactures a comprehensive range of valve and diverter products for powder processing and bulk material handling. We understand the increasing demand on hygienic requirements in industry and new manufacturing technologies to minimise product degradation and to reduce maintenance downtime. One example is our hygienic range of rotary valves with quick release options to clean and replace the valve in situ.



Agricultural Technologies Cluster Business Profile



Royal Agricultural University

Dr David Bozward
Head of the School of Business and Entrepreneurship

Royal Agricultural University
Cirencester
Gloucestershire
GL7 6JS
United Kingdom

Tel: +44 (0) 1285 652531
Email: David.bozward@rau.ac.uk
Web: <https://www.rau.ac.uk/>



The Royal Agricultural University (RAU) has been at the forefront of agricultural education and a key contributor to the land-based sector for 175 years. Today, the RAU has more than 1,100 students studying agriculture, animal science, business, environment, equine science, farm management, food, real estate and rural land management. The University, which is based in Cirencester, Gloucestershire, prides itself on its links with industry and all courses are designed to meet the demands of the employment market for land-based expertise, both in the UK and worldwide.

The RAU has a long history of applied research, providing solutions and recommendations of real practical benefit to those working in the countryside and associated industries. Our research mission is to: 'Develop and sustain applied and near-market research relevant to the land-based sector'.

The university has its own initiative, Farm491, a leading UK based AgriTech incubator and innovation space, supporting entrepreneurs as they advance their business with potential for impact in the agricultural sector.



Agricultural Technologies Cluster Business Profile



S C Nutrition

Steve Chapman
Managing Director

S C Nutrition Ltd
Springfield, Barrack Lane
Truro, Cornwall
TR1 2DW
United Kingdom

Tel: +44 (0) 7718 086911
Email: steve@scnutritionltd.com
Web: <https://www.scnutritionltd.com/>



S C Nutrition Ltd works mainly with dairy farmers in the Southwest of England, supplying advice and cattle nutrition products.

Our Vision is to empower and support our farmers to maintain a healthy herd and business. We do this by putting the farmer first and sharing scientific knowledge and expertise to provide targeted solutions to the farming community. The goal to improve farm profitability with cattle producing more from home grown forage is also achieved by working alongside the farmer, and using new and innovative feed technologies which are simply added to the animals' daily diet.

We have started to successfully transport these ideas of professional dairy advice and putting the farmer first in the Indian subcontinent, where we are currently working with several dairy businesses in the states of Tamil Nadu and Telangana. Through recent trials in both states, we have successfully raised milk output by an average of 50%. This has enabled the farmers to become more profitable, whilst increasing milk supply to local processing plants in the area.



Agricultural Technologies Cluster Business Profile



Shearwell

Richard Webber
Director

Shearwell Data Ltd
Putham, Wheddon Cross
Minehead, Somerset
TA24 7AS
United Kingdom

Tel: +44 (0) 7974 352083

Email: Richard.webber@shearwell.co.uk

Web: <https://www.shearwell.co.uk/>



Shearwell Data Ltd (SDL) is an animal identification and software management business, supporting livestock farmers in the UK and overseas. The Shearwell business provides a complete system including sheep and cattle tags (visual and electronic), electronic identification (EID) readers, software, handling systems and technical support.

As a farmer owned family business based in South West England, Shearwell Data understands farmers' needs and challenges. All products are trialled on our farms before going into production to ensure quality, reliability and ease of use for livestock farmers.

Since 1996, Shearwell Data has been involved in trialling and developing products and software for the livestock industry. The aim is to ultimately support productivity, improve the method and speed of identifying cattle and sheep, and increase the ability to record an animal's details accurately for management and statutory purposes. EID provides livestock farmers with an in-depth knowledge of an animal's health and performance, whether for finishing or breeding purposes and is used increasingly by both pedigree and commercial sheep and cattle farmers.

We aim to provide farmers with products and services to gather reliable data that enables them to make informed business decisions and ultimately be more profitable.



Agricultural Technologies Cluster Business Profile



Showing Scene

Natalie Hadfield
Relationship Manager

Showing Scene Ltd
Health & Wellbeing Innovation Centre, Treliske
Truro, Cornwall
TR1 3FF
United Kingdom

Tel: +44 (0) 1872 672446
Email: Natalie@showingscene.com
Web: <https://showingscene.com/>



Showing Scene is a full cloud-based software platform that allows the organisers of agricultural and equine events to manage their shows effectively. Showing Scene covers every angle necessary to successfully oversee large scale rural events with the minimum of fuss.

The platform has been built with ease of use in mind for users and organisers alike. It is simple with the drag and drop facility to build a show that is ready to accept competitive entries and trade and catering concession applications online.

Showing Scene is not a one size fits all solution. All forms are dynamic and can be individually tailored to suit a show's needs. We understand that each event is unique.

Events can manage their competitors, judges, stewards and volunteers, sponsors, traders and more through Showing Scene. The integrated email functionality makes it a breeze to contact any of these important groups digitally at the touch of a button, cutting time, effort, and crucially cost.

This cost-effective show management tool is already being used by a range of horse and agricultural shows in the UK.



Agricultural Technologies Cluster Business Profile

Small Robot Company



Sarra Mander
Chief Marketing Officer

Small Robot Company Limited
The Courtyard, Dean Hill Park
West Dean, Wiltshire
SP5 1EZ
United Kingdom

Tel: +44 (0) 7941 470406

Email: sarra@smallrobotcompany.com

Web: <https://www.smallrobotcompany.com/>



Small Robot Company is on a mission to help farmers feed the world while regenerating the planet. Our sustainable farming robots Tom, Dick and Harry will deliver Per Plant Farming for the world's biggest food crops.

Using robotics and artificial intelligence, we have created an entirely new model for ecologically harmonious, efficient and profitable farming. Our autonomous farmbots will seed, feed and weed arable crops autonomously with minimal waste. We are currently focused on developing non-chemical weeding to eliminate herbicides entirely from arable farming. No-till robotics also prevent soil erosion and run off, reducing cultivation emissions by up to 90%.

As a British agri-tech start-up, Small Robot Company is well-positioned in the UK farming industry's commitment to deliver Net Zero Agriculture by 2040. Our first commercial service for weed mapping recently launched with non-chemical weeding trials now underway. Founded in 2017, the company now has 50 employees.



Agricultural Technologies Cluster Business Profile



STAG-Tech

Louis Ravenscroft
Chief Commercial Officer

STAG-Tech Ltd
Holly Cottage, The Batch
Backwell, Bristol
BS48 3DL
United Kingdom

Tel: +44 (0) 7710 626938
Email: louis@stag-tech.com
Web: <https://www.stag-tech.com>



STAG-Tech is a containerised wind-turbine manufacturer focused on producing affordable clean electricity worldwide.

Many rural agricultural facilities are faced with an overpriced, unreliable or non-existent grid. To make continuous operation possible, many rely on expensive and polluting diesel-generators as a primary energy source. Solar photovoltaics (PV) only produce while the sun is out and battery storage is costly.

If you're looking for more low-cost distributed renewable electricity, STAG-Tech's medium-scale wind turbines are the answer:

- **Low-Cost:** Streamlined design and highly efficient, our turbines generate energy at only 5¢/kWh.
- **Easy Transport:** Shipped in a 40ft container, we can reach all but the most remote regions of the world.
- **Rapid Installation:** Using a tilt-up installation and 4-point tethering system, erect the turbine in minutes.
- **Smart Digitalisation:** Manage your turbine's performance anywhere in the world.

As, on average, the wind blows more during winter and at night, our solution is an ideal complementary generation solution to solar PV, giving you more electricity security, while displacing expensive/polluting battery and diesel.



Agricultural Technologies Cluster Business Profile



Teagle

John Teagle
Director

Teagle Machinery Ltd
Blackwater
Truro, Cornwall
TR4 8HQ
United Kingdom

Tel: +44 (0) 1872 560592

Email: john.teagle@teagle.co.uk

Web: <https://www.teagle.co.uk/en-GB/>



Teagle Machinery designs and manufactures a comprehensive range of machinery for livestock and arable farmers and horticultural growers.

Established in 1943 by William Thomas (Tom) Teagle, it remains a family business focussed on delivering reliable machinery and outstanding after-sales service. We use innovative design and cutting-edge CNC equipment at our production facility in Cornwall to ensure consistent production and quality control. We also work alongside our customers to improve productivity and commercial performance.

Our machinery is robust, reliable and performance focused and offers the benefits that are required by modern farming techniques. We export to 35 countries worldwide.

Our product range includes:

- Bale Processors
- Grassland Equipment
- Fertiliser Spreaders
- Muck Spreaders
- Flail Mowers and Mulchers
- Tillage and Cultivation Equipment
- Swath Conditioner
- Other - A-Frames, Hydraulic Top Links and Spiromix.



Agricultural Technologies Cluster Business Profile



Toro Shelters

Tom Hallam-Eames
Managing Director

Toro Corporation Ltd t/a Toro Shelters
Unit A, Berkeley Court Business Park
Earl Russell Way, Bristol
BS5 0BX
United Kingdom

Tel: +44 (0) 117 2591259
Email: structures@torocorp.co.uk
Web: <https://toroshelters.com/>



Toro Corporation Ltd specialises in the design and fabrication of relocatable storage and protective structures such as warehouses, bulk storage facilities, hangars, vehicle and equipment maintenance bays.

Our structures are economical, rapidly erected, robust and high quality. They are designed to meet Eurocodes (European standards). Each structure is designed to withstand the wind, snow and seismic loads of the local area, ensuring staff and operations are protected from the rigours of even the harshest environments. The structure's framework is made from galvanised steel or aluminium and is covered with cleverly designed and welded tensioned composite PVC fabric.

Aside from conventional buildings, Toro is able to design and fabricate covers for eccentrically shaped objects, for example, to protect machinery when more conventional structures will not work.



Agricultural Technologies Cluster Business Profile



Trenona

David Carbis
Managing Director

Trenona Ltd
Trenona, Ruan-High-Lanes,
Truro, Cornwall
TR2 5JS
United Kingdom

Tel: +44 (0) 1872 501339
Email: david@trenona.co.uk
Web: <https://m.facebook.com/Trenona>



Trenona Ltd is a small design and development company. We pride ourselves on developing machines in a practical working environment.

Principles and techniques identified during day to day procedures are assessed and improved designs/ methods are developed to overcome issues such as health and safety, time management, reducing repetitive cycles and improved labour efficiency.

Trenona Ltd machines are unique designs. Before any development, currently available machines are assessed together with their strengths and weaknesses. Development only precedes where there is a perceived significant improvement on what is currently expected. This leads to new marketing opportunities as Trenona Ltd machines tend not to be directly competing with anything comparable in the marketplace.



Agricultural Technologies Cluster Business Profile



Water Powered Technologies

Philip Selwyn
Technical Director

Water Powered Technologies Ltd
14a Kings Hill Industrial Estate
Bude, Cornwall
EX23 8QN
United Kingdom

Tel: +44 (0)1288 354454

Email: info@wptglobal.net

Web: <https://www.waterpoweredtechnologies.com/>



Water Powered Technologies Ltd is a UK company that designs products for zero carbon water solutions. The Papa Pump is a water pump that uses no fuel or electricity - it is powered simply by available flowing water such as a stream or river. The Papa Pump is a new generation of hydro ram, using a patented in-line design and hi-tech non-corrosive material to produce a smaller, lighter and more efficient pump than the equivalent traditional metal ram pump. The only moving parts are the unique rubber valves, which dramatically reduce maintenance costs.

The Papa Pump can replace diesel and electric pumps to save fuel, utility costs and time spent on maintenance and repairs. In addition to the considerable financial advantages, the Papa Pump is the most environmentally friendly pump on the market. It uses no fuel, emits no carbon, and (unlike a borehole) uses available surface water without impacting on underground aquifers. Water is pumped and stored when plentiful and then used in dry periods. It therefore reduces water levels in flood and reduces abstraction during drought.

Water Powered Technologies believe that sustainable 'pump and store' water systems and responsible water usage are essential for a world where water supplies are becoming increasingly scarce and 'zero carbon' water pumping offers a viable solution.



Agricultural Technologies Cluster Business Profile



Xcelbio

Ray Long
Managing Director

Xcelbio Ltd
6 Esher House, Chaucer Road
Bath, Somerset
BA2 4QY
United Kingdom

Tel: +44 (0) 7860 215760
Email: rayxcelbio@gmail.com
Web: <https://xcelbio.co.uk/>

Xcelbio is a 100% natural biological accelerator, which consists of micro-organisms, micro-nutrients, co-factors and phages, which have been developed through years of experimentation and research, to greatly increase yields without the use of chemical fertilisers.

We are the only company offering this unique bio-enhancement technology, which can increase your efficiency and output and, reduce environmental impact.

Applications include:

- Egg production - biologically clean water feed lines, replace chemicals, increase egg yields, generally improve flock health.
- Hydroponics - remove slime and bio-film in pipework and growing tanks, increase yields by 25-30%.
- Agriculture - recondition soil, improve root structure and increase root mass, increase yields by 25-30%
- Aquaculture - biologically clean water, remove ammonia and scale fungus, improve fish quality.
- Biogas plants - increase biogas output, stabilize biology, reduce feed stock and maintain output.

Please contact us to discuss how we can design a bespoke formula that addresses your particular requirements.

We are currently seeking a licensee partner and we would welcome contact from any interested parties.



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (1)

| Company | Sub-Sector |
|---|--|
| <p>Accutest International Ltd Non-Destructive Testing and inspection services to the food, dairy and brewing industries. https://accutest-int.com/</p> | <ul style="list-style-type: none"> • Advisory Services - quality standards, inspection services. • Agro-Processing. |
| <p>Active Research Ltd trading as Actisense® Smart sensors for the agricultural industry - tractor's GPS system can interact with all smart equipment. https://www.actisense.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - smart sensors. |
| <p>ADM Protexin Limited Probiotics and supplements for the human, veterinary, agriculture and equine healthcare markets. https://www.protexin.com/</p> | <ul style="list-style-type: none"> • Livestock - feed and nutrition. • Animal - Pets and Equine. |
| <p>Agri-EPI Centre - South West Dairy Development Centre (SWDDC) Agri-EPI is one of four UK agri-tech innovation centres which provides technical expertise, business support, project management and access to world-class research and innovation facilities and research assets. SWDDC provides a fresh vision for the UK dairy industry and an innovative environment with state-of-the-art facilities, dairy farming expertise and support. https://agri-epicentre.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - software. • Agricultural equipment and systems. • Livestock - breeding stock and genetics; health, welfare and veterinary services; livestock feed and nutrition; tagging and traceability. |
| <p>Alvan Blanch Development Company Limited Machines and integrated systems for primary and secondary processing of agricultural produce and waste materials. http://www.alvanblanchgroup.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems. • Agro-Processing. |
| <p>AP Air Europe Ltd Supplier of air conditioning parts, tools and consumables for agricultural, construction and forestry vehicles, road sweepers and many others. https://www.apairltd.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - tools. • Forestry and Logging - tools. |
| <p>Applied Genomics Ltd Environmental DNA-based analysis services for the detection, monitoring and management of biological diversity. https://appliedgenomics.co.uk/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - smart farming, relieve environmental pressure and improve sustainability. • Fisheries and Aquaculture. • Research and Development - genetics, aquatic plants and animals. |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (2)

| Company | Sub-Sector |
|---|---|
| <p>Arboricultural Association Association and professional membership body for the arboriculture sector in the UK. It promotes best practice and champions the sustainable management of amenity (non-forest) trees for the benefit of the whole of society. https://www.trees.org.uk/</p> | <ul style="list-style-type: none"> • Arboriculture - amenity trees. • Advisory Services. |
| <p>ARC Marine Ltd Nature inclusive subsea protection structures and advanced ecological monitoring services. Reef Cubes® create reef ecosystems and protect subsea assets (pipelines, cables, foundations). https://arcmarine.co.uk/</p> | <ul style="list-style-type: none"> • Aqua Technology. • Advisory Services |
| <p>Auger Torque Europe Ltd Agri-Technology / Machinery and Engineering - Earth drills, augers and attachments for drilling, trenching, hedge trimming, vegetation clearing, etc. https://www.augertorque.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems. |
| <p>Biochar Works Ltd Designs and produces/constructs the systems to produce biochar and renewable energy based on specific requirements. Systems are used in the agri-food/ commodity crop sectors. https://www.linkedin.com/in/simonmanleybiocharworks</p> | <ul style="list-style-type: none"> • Advisory Services. • Agricultural equipment and systems. • Agro-Processing. • Agrochemicals. • Plant Science. • Aqua Technology. |
| <p>Bolina Ltd t/a Bolina Booms® Marine safety, security and environment booms for inland waterways, dams and critical infrastructure. Modular debris boom for agricultural use to collect floating debris. https://www.bolinabooms.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems. • Aqua Technology. |
| <p>Brightwater Diagnostics On-site microbiological water testing system that checks for E. coli and other harmful bacteria. https://www.brightwater-diagnostics.co.uk/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems • Aqua Technology. • Horticulture. |
| <p>Brinsea Products Ltd Egg incubation equipment and specialists, bird brooding equipment and ChickSafe Hen House Door Closers keeps flocks safely indoors at night. https://brinsea.co.uk/</p> | <ul style="list-style-type: none"> • Poultry - incubation equipment, bird brooding, hen house door closers. • Agricultural equipment and systems. |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (3)

| Company | Sub-Sector |
|---|---|
| <p>Chapman Machinery Ltd Machinery for the agricultural and grounds care sectors, with focus on attachments for all terrain vehicles (ATV) and utility terrain vehicles (UTV) such as mowers, trailers and feeders. https://chapman.co.uk/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - equipment, attachments. |
| <p>Cosy Calf Ltd Calf jackets for calves from birth up to five weeks of age, to promote better growth rates and reduced cases of pneumonia and scours. https://www.cosycalf.co.uk/</p> | <ul style="list-style-type: none"> • Livestock - health, welfare and veterinary services. |
| <p>Cropdesk Technologies Ltd Cropdesk software allows fresh produce farmers (hand harvest crops) to collect data in order to realise efficiencies in crop management, operations, labour and production. Additional applications can control irrigation and climate control. https://www.cropdesk.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - cloud-based tool to increase productivity. • Horticulture - hand harvested fruit/crops. |
| <p>Denis Brinicombe Group Limited Animal nutrition products and functional feed ingredients, with less reliance on chemicals and antibiotics to combat anti-microbial resistance. Used in the ruminant livestock, poultry, equine and aquaculture markets. http://brinicombe.co.uk/group</p> | <ul style="list-style-type: none"> • Livestock - nutrition, balanced feeding. • Poultry. • Animal - Pets and Equine. • Aquaculture. |
| <p>Dub'l Lif (Taunton) Limited Squeegees and yard scrapers, boot wipers/scrapers, telescopic brooms, broom fixings, snow pushers. Used in agriculture, equine establishments, etc. https://dubl-lif.co.uk/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - equipment. • Animal - Equine. |
| <p>Ekogea UK Limited BioComplex additive derived from natural, marine algae that improves microbial performance. Used in animal health, feed and housing sanitisation, field crops and controlled-environment farming, biogas plants/wastewater treatment. http://www.ekogea.co.uk/</p> | <ul style="list-style-type: none"> • Livestock - effluent treatment, microbial performance enhancement, feed and sanitisation. • Aqua Technology. • Plant Science - increase crop yield. |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (4)

| Company | Sub-Sector |
|--|---|
| <p>Emerald Research Limited Software, research and development into correctly balanced sets of crop nutrition, biological and biochemical biostimulant products. OptiYield® is a computer software crop nutrition system using detailed soil analysis and crop science which can increase crop yields by 15%-30%. https://www.emeraldresearchltd.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - software, soil and crop management; sensor development, testing, data processing and management, etc. • Agrochemicals - plant and fertiliser monitoring. • Plant Science - increase crop yield (nutrients, biostimulants and biologicals). |
| <p>EmTech Hatchery Systems Ltd Poultry equipment - incubator and hatchery ventilation systems. https://www.emtech-systems.com/</p> | <ul style="list-style-type: none"> • Livestock - poultry equipment. |
| <p>Equine Health Centre Limited Training and rehabilitation equipment for sports horses. The Seawalker® enables horses to train in variable levels of ice cold saltwater. Synthetic all-weather surfaces for outdoor and indoor applications. Water filtration technology and low cost filter to recycle domestic grey water for re-use and irrigation. https://www.equinehealthcentre.com/</p> | <ul style="list-style-type: none"> • Aqua Technology. • Infrastructure - Water storage, management and distribution. • Equine. |
| <p>Evans and Pearce Limited Storage ventilation products for grain producers and processors that prevent crops from spoiling whilst in storage. Crops include wheat, corn, pulses, peanuts, sunflower and soya. https://www.evansandpearce.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - grain ventilation systems. |
| <p>Farm491, Royal Agricultural University (RAU) Consultancy services specialising in agri-tech services and solutions, innovation space and membership organisation offering growth support - e.g. one-to-one support, events, introductions, links to RAU academics, etc. https://farm491.com/</p> | <ul style="list-style-type: none"> • Advisory Services. • Livestock - animal welfare. • Agricultural technology or digital solutions and systems. • Agricultural equipment and systems. • Plant Science - e.g. genome editing. • Aqua Technology. • Many sub-sectors. |
| <p>Feed-Food.Ltd Feed/nutrition/supplements for pigs and poultry. https://www.feedfood.co.uk/</p> | <ul style="list-style-type: none"> • Livestock - feed and nutrition |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (5)

| Company | Sub-Sector |
|--|--|
| <p>Geollect Limited Geospatial information systems and technologies - support scientists, farmers and the agricultural sector to develop more effective smart farming techniques and decision making processes. Platforms visually represent agricultural data and provide valuable insights. https://www.geollect.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems. |
| <p>Glas Data Ltd GlasCore is a real-time data management and decision support tool for the agricultural industry and food supply chain. It monitors, records, controls and optimises processes and critical production metrics; and manages land. https://glas-data.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - software. |
| <p>IoTech Ltd Smart farming technologies i.e. soil moister and temperature, drones, precision digitalised farming, land healthy monitoring, sensors, autonomous devices, apps. Advisory Services - distributor and consultancy (concept, design and manufacture). https://www.the-ioa.com/</p> | <ul style="list-style-type: none"> • Advisory Services. • Agricultural technology or digital solutions and systems. • Aqua Technology. • Engineering and precision farming - machinery and technology. • Livestock, pets and horses - tagging and traceability. |
| <p>IVF Limited trading as IVF Bioscience Ready-to-use species specific media for in vitro production (IVP). The formulation helps to achieve higher blastocyst rates and superior results. https://ivfbioscience.com/</p> | <ul style="list-style-type: none"> • Livestock - breeding stock and genetics. |
| <p>LettUs Grow Ltd Indoor farming system that uses an aeroponic system and farm management software. Ostara software manages data to maximise yields and minimise labour and resource use. It also monitors and controls conditions to produce optimal growing environment. https://www.lettusgrow.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - software. • Other - Aeroponic/indoor farming system. |
| <p>Lister Shearing Equipment Limited Sheep shearing equipment, large animal clipping products and grooming equipment. Products are suited to professionals and novices - includes handpieces, machines, combs and cutters. http://www.lister-global.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - equipment. • Animal - Equine |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (6)

| Company | Sub-Sector |
|---|---|
| <p>Micron Bio-Systems Ltd Product-based agricultural solutions/treatments to improve animal health and performance - includes inoculants, mycotoxin remediator, nutraceutical and gut health, and biological slurry treatment. MYCOCHECK is a mycotoxin analysis service to test livestock feeds and straw based bedding for mycotoxins. https://www.micronbio-systems.co.uk/</p> | <ul style="list-style-type: none"> • Livestock - nutrition, effluent treatment, feed processing technologies. • Plant Science - technology and services. • Aquaculture. • Agricultural technology or digital solutions and systems - analytical testing, relieve environmental pressure and improve sustainability. |
| <p>Octavius Hunt Limited Pesticide and disinfectant smoke generators and smoke pellets for pest control and crop protection. https://octaviushunt.co.uk/</p> | <ul style="list-style-type: none"> • Agrochemicals. |
| <p>Perry Engineering Services Ltd Materials handling and drying equipment for agriculture and industry - e.g. handling equipment, continuous mixed flow driers and belt driers. Solutions for farms, commercial grain stores, seed plants, flaking and feed mills, digestate plants, biomass handling, drying system, etc. https://www.perryfoakley.co.uk/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - grain handling systems, silos etc. • Agro-Processing - grains milling and storage. |
| <p>Pixalytics Ltd Independent Earth Observation (EO) company specialising in satellite remote sensing and specialists in marine and terrestrial EO. Vegetation and water quality mapping products for agriculture and aquaculture applications. https://www.pixalytics.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - satellite imaging and monitoring, data processing and management, information and knowledge sharing platforms, digital mapping, relieve environmental pressure and improve sustainability. |
| <p>PRM Waste Systems Ltd Equipment to handle waste and recycling more profitably and efficiently. The PRM Bio-Processor reduces food waste and organic volume by 80-90%. https://www.prmwastesystems.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems. • Agricultural technology or digital solutions and systems. |
| <p>Ridgeway Science Limited - P4Gold Real-time fertility tool to accurately detect heat, fertility problems, silent heats, time artificial insemination (AI), diagnose non-cycling cows, increase conception rates, reduce calving intervals, check cow has returned post AI and improve herd productivity. https://p4gold.com/</p> | <ul style="list-style-type: none"> • Livestock - Breeding stock and genetics |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (7)

| Company | Sub-Sector |
|--|---|
| <p>Rotolok Limited Valve and diverter products for powder processing and bulk material handling. Hygienic range of rotary valves has quick release options to clean, minimum product degradation and maintenance downtime. https://rotolok.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems. • Agricultural technology or digital solutions and systems. • Aqua Technology. |
| <p>Royal Agricultural University (RAU) The RAU offers courses in the areas of agriculture, animal science, business, environment, equine science, farm management, food, real estate and rural land management. It also provides research solutions and recommendations to the land-based sector and associated industries. https://www.rau.ac.uk/</p> | <ul style="list-style-type: none"> • Advisory Services. • Arable crops. • Agricultural equipment and systems. • Agri-tech or digital solutions and systems. • Agro-processing. • Infrastructure. • Livestock, pet and horses. • Research and Development. |
| <p>S C Nutrition Ltd Cattle feed for ruminants to improve performance through feed supplements and innovative nutritional advice. Advisory services and farm-based research into all aspects of cattle nutrition. https://www.scnutritionltd.com/</p> | <ul style="list-style-type: none"> • Advisory Services. • Livestock - dairy farming, livestock raising, fattening; nutrition; balanced feeding, etc. • Research and Development - optimise quantity and quality production in plants and livestock. |
| <p>Shearwell Data Ltd Animal identification equipment and software management packages for livestock farmers: Tags (sheep and cattle), electronic identification devices (EID) readers, weighing and drafting equipment, and EID antennas. https://www.shearwell.co.uk/</p> | <ul style="list-style-type: none"> • Livestock. • Agricultural technology or digital solutions and systems - software, tagging and traceability. |
| <p>Showing Scene Ltd Full show management tool for agricultural or equine events. Online platform for managing horse show requirements - membership, judges, entries, booking, performance comparison, payment reconciliation, results, etc. https://showingscene.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - software. |
| <p>Small Robot Company Robotics and artificial intelligence for ecological, efficient and profitable farming. Autonomous farmbots seed, feed and weed arable crops with minimal waste. https://www.smallrobotcompany.com/</p> | <ul style="list-style-type: none"> • Agricultural technology or digital solutions and systems - robotics. |



Agricultural Technologies Cluster Business Profile

Summary of Companies by Sub-Sector (8)

| Company | Sub-Sector |
|--|--|
| <p>STAG-Tech Ltd Wind-turbine manufacturer focused on producing affordable clean electricity. https://www.stag-tech.com</p> | <ul style="list-style-type: none"> • Infrastructure / Power Generation, Storage, etc. - Distributed Energy |
| <p>Teagle Machinery Ltd Machinery for livestock and arable farmers and horticultural growers - e.g. bale processors, grassland equipment, fertiliser and muck spreaders, flail mowers and mulchers, tillage and cultivation equipment, etc. https://www.teagle.co.uk/en-GB/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - machinery. |
| <p>Toro Corporation Ltd trading as Toro Shelters Design and fabrication of transportable storage and protective structures - warehouses, hangars, workshops, maintenance bays, etc. Bespoke PVC equipment covers. https://toroshelters.com/</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - infrastructure, buildings. • Bespoke PVC equipment covers. |
| <p>Trenona Limited Design and fabrication of attachments for agricultural machinery, such as bag handlers, fence making and bale loading machines. https://m.facebook.com/Trenona</p> | <ul style="list-style-type: none"> • Agricultural equipment and systems - equipment. |
| <p>Water Powered Technologies Ltd Zero carbon water pumps for farm operations and irrigation systems. The Papa Pump is a new generation hydro ram with a patented in-line design. https://www.waterpoweredtechnologies.com/</p> | <ul style="list-style-type: none"> • Aqua Technology. • Agricultural equipment and systems. |
| <p>Xcelbio Ltd Unique bioenhancement technology. Xcelbio is a 100% natural biological accelerator which consists of micro-organisms, micro-nutrients, co-factors and phages which greatly increase yields without using chemical fertilisers. Uses: biological cleaner in egg production, hydroponics and aquaculture; recondition soil; increase biogas output and stabilizer. https://xcelbio.co.uk/</p> | <ul style="list-style-type: none"> • Aqua Technology. • Aquaculture. • Plant Science - increase crop yield. |



Agricultural Technologies Cluster Business Profile

Further Information and Contacts (1)

Hilary Charman is an International Trade Adviser (ITA) and chair of the Agri-Tech Cluster. The companies in the group also work with their allocated DIT South West ITA. For further information, please do not hesitate to contact the ITA directly and copy in Hilary, so that she can monitor outputs and oversee developments within the group.

The brochure is intended to be disseminated electronically (with hyperlinks). For queries relating to the e-book or if you require other formats or individual business profiles, please contact: Sharon.Jones@mobile.trade.gov.uk .

Please seek the companies' permission before disseminating their company profile to external contacts and organisations.

| Company | ITA | Contact Details |
|---|-------------------|--|
| Accutest International Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Active Research Ltd trading as Actisense® | Nick Field | Nick.Field@mobile.trade.gov.uk |
| ADM Protexin Limited | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Agri-EPI Centre - South West Dairy Development Centre | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Alvan Blanch Development Company Limited | Elemchi Nwosu | Elemchi.Nwosu@mobile.trade.gov.uk |
| AP Air Europe Ltd | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| Applied Genomics Ltd | Steve Southcott | Steve.Southcott@mobile.trade.gov.uk |
| Arboricultural Association | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| ARC Marine Ltd | Steve Southcott | Steve.Southcott@mobile.trade.gov.uk |
| Auger Torque Europe Ltd | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| Biochar Works Ltd | Fiona Chamberlain | Fiona.Chamberlain@mobile.trade.gov.uk |
| Bolina Ltd trading as Bolina Booms® | Karine Davies | Karine.Davies@mobile.trade.gov.uk |
| Brightwater Diagnostics | Philip Broek | Philip.Broek@mobile.trade.gov.uk |
| Brinsea Products Ltd | Fiona Chamberlain | Fiona.Chamberlain@mobile.trade.gov.uk |
| Chapman Machinery Ltd | Colin Piper | Colin.Piper@mobile.trade.gov.uk |
| Cosy Calf Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Cropdesk Technologies Ltd | Andrew Large | Andrew.Large@mobile.trade.gov.uk |
| Denis Brincombe Group Limited | Peter Norris | Peter.Norris@mobile.trade.gov.uk |
| Dub'l Lif (Taunton) Limited | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |



Agricultural Technologies Cluster Business Profile

Further Information and Contacts (2)

| Company | ITA | Contact Details |
|--|-----------------------|--|
| Ekogea UK Limited | Karine Davies | Karine.Davies@mobile.trade.gov.uk |
| Emerald Research Limited | Sandra Warne | Sandra.Warne@mobile.trade.gov.uk |
| EmTech Hatchery Systems Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Equine Health Centre Limited | Philip Broek | Philip.Broek@mobile.trade.gov.uk |
| Evans and Pearce Limited | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Farm491, Royal Agricultural University | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| Feed-Food.Ltd | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| Geollect Limited | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Glas Data Ltd | Colin Piper | Colin.Piper@mobile.trade.gov.uk |
| IoTech Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| IVF Limited trading as IVF Bioscience | Ben Leonard | Ben.Leonard@mobile.trade.gov.uk |
| LettUs Grow Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Lister Shearing Equipment Limited | Sandra Warne | Sandra.Warne@mobile.trade.gov.uk |
| Micron Bio-Systems Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Octavius Hunt Limited | Fiona Chamberlain | Fiona.Chamberlain@mobile.trade.gov.uk |
| Perry of Oakley Ltd | Steve Southcott | Steve.Southcott@mobile.trade.gov.uk |
| Pixalytics Ltd | Karine Davies | Karine.Davies@mobile.trade.gov.uk |
| PRM Waste Systems Ltd | Philip Broek | Philip.Broek@mobile.trade.gov.uk |
| Ridgeway Science Limited | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| Rotolok Limited | Philip Broek | Philip.Broek@mobile.trade.gov.uk |
| Royal Agricultural University | Stefano Pucello | Stefano.Pucello@mobile.trade.gov.uk |
| S C Nutrition Ltd | Peter Norris | Peter.Norris@mobile.trade.gov.uk |
| Shearwell Data Ltd | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Showing Scene Ltd | Ben Leonard | Ben.Leonard@mobile.trade.gov.uk |
| Small Robot Company Limited | Philip Broek | Philip.Broek@mobile.trade.gov.uk |
| STAG-Tech Ltd | Philip Broek | Philip.Broek@mobile.trade.gov.uk |



Agricultural Technologies Cluster Business Profile

Further Information and Contacts (3)

| Company | ITA | Contact Details |
|---|----------------|--|
| Teagle Machinery Ltd | Colin Piper | Colin.Piper@mobile.trade.gov.uk |
| Toro Corporation Ltd trading as Toro Shelters | Hilary Charman | Hilary.Charman@mobile.trade.gov.uk |
| Trenona Limited | Ben Leonard | Ben.Leonard@mobile.trade.gov.uk |
| Water Powered Technologies Ltd | Peter Norris | Peter.Norris@mobile.trade.gov.uk |
| Xcelbio Ltd | Karen Knight | Karen.Knight@mobile.trade.gov.uk |



Department for International Trade



HM Government

[great.gov.uk](https://www.great.gov.uk)

DIT

The UK's Department for International Trade (DIT) helps businesses export, drives inward and outward investment, negotiates market access and trade deals, and champions free trade.

Disclaimer

Whereas every effort has been made to ensure that the information in this document is accurate the Department for International Trade does not accept liability for any errors, omissions or misleading statements, and no warranty is given or responsibility accepted as to the standing of any individual, firm, company or other organisation mentioned.

© Crown Copyright 2020

You may re-use this publication (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence visit:

www.nationalarchives.gov.uk/doc/open-government-licence or email: psi@nationalarchives.gov.uk.

Where we have identified any third party copyright information in the material that you wish to use, you will need to obtain permission from the copyright holder(s) concerned.

Published December 2021 by Department for International Trade South West Team.

Front cover image credit: Adobe Stock