

INNOVATION ARENA 2018



**IRISH
FARMERS
JOURNAL**



#GlobalAmbition

Acidose 1

CONTACT: Warren Stevely
EMAIL: warrenstevely@gmail.com
LOCATION: Scotstown, Co Monaghan
TEL: 086 2029776

The Acidose 1 is an innovative device that regulates water pH for a poultry house. It's been designed in accordance with a new acidic dosing method which has been implemented to reduce the need for antibiotics in poultry farming. The reduction of antibiotics in poultry farming has shown to have positive effects on consumer health. The objective of the Acidose 1 is to reduce the antibiotic use in poultry farming significantly while increasing farming efficiency which will benefit both the poultry farmer and the processing company.

Agrify Solutions Ltd

CONTACT: Ger O'Keeffe
EMAIL: ger@agrify.ie
LOCATION: Quin, Co Cork
TEL: 087 9960456
WEBSITE: www.agrify.ie

Today's dairy farmers know that missed heat-detection costs money – each missed heat results in an average of €250 in lost milk production. Agrify's Tailpainter improves heat detection by allowing the application of tailpaint in just a few seconds per cow, eliminating the need for wasteful bottles or messy brush applicators. The Tailpainter allows you to tailpaint while milking, eliminating the need for a labour-intensive crush. Switch easily between three modes: milking parlour, crush, or self-locking barrier; all modes allow you to tailpaint at a safe distance with minimal risk of upsetting your cow. Find out more at www.tailpainter.com.

Agrispread International

CONTACT: David Murphy
EMAIL: davidmurphy@agrispread.com
LOCATION: Ballyhaunis, Co Mayo
TEL: 086 3526132
WEBSITE: www.agrispread.com

Agri-Spread International introduces “Automatic GPS Section Control” on its precision range of trailed spreaders. The Ballyhaunis, County Mayo based manufacturer has developed purpose-built precision application technology system called Section Control which is a method of accurately controlling the even distribution and precise application rates of fertiliser. By reducing fertiliser overlap and any gaps in the areas applied, exact amounts of fertiliser can be uniformly applied which results in reduced input costs, increase in yields, and minimises crop damage and environmental impact. Agri-Spread is the first company in Ireland and the UK to design and manufacture GPS section control spreader for fertiliser and lime and bulk products.

AgroCycle Marketplace

CONTACT: Dr Tom Curran
EMAIL: agrocycle@ucd.ie
LOCATION: University College Dublin, Dublin
TEL: 01 7167362
WEBSITE: www.agrocycle.eu

AgroCycle Marketplace: fatbergs, biocomposite cups and drinking-straws. AgroCycle is a UCD-led EU-China research programme focusing on recycling and reuse of agri-food waste, including using these wastes to replace plastic with bio-degradable material. We will display biocomposite cups made from potato pulp and biocomposite drinking straws made from rice husks; as well as Ireland’s first ever Fatberg (a very valuable, albeit disgusting, waste from our sewers). We will also launch the AgroCycle Kids educational video and its big hit ‘KID RAPPERS’ will perform live; and AgroCycle Marketplace, a web-based platform for trading agri-food waste to add value within the ‘circular-economy’.

Alchemy Utilities TD

CONTACT: Éanna Tiernan
EMAIL: eanna.tiernan@alchemyutilities.ie
LOCATION: Elphin, Co Roscommon
TEL: 086 0878826
WEBSITE: www.alchemyutilities.ie

The Alchemy Thermophilic Digester (TD) is a revolutionary biogas system that uses a next-generation dry digestion process, improving the energy efficiency typically associated with traditional Anaerobic Digestion (AD) systems. The system is a modular and scalable solution for efficient conversion of organic wastes into biogas and high-quality dry pelletised fertilisers. The Alchemy TD system is able to run on a wide range of organic feedstocks including 100% chicken litter. The Alchemy TD produces 100 kW of electricity and 100 kW of heat through a CHP engine specifically designed to run on the biogas produced by the plant.

Anuland

CONTACT: David McDonnell
EMAIL: info@anuland.com
LOCATION: Shanagolden, Co Limerick
TEL: 069 60404
WEBSITE: www.anuland.com

Anuland is a start-up agricultural technology company, operating in rural County Limerick. It is developing a new farm management package that delivers data from soil in near real-time. It operates across a single platform utilising IoT technology and machine learning to measure soil attributes, combining them with other data to return key in-field knowledge to the farmer. This knowledge focuses on soil and crop health and fertility allowing a farmer to know his soil and crop better. With this knowledge the farmer is able to make better informed farm management decisions improving his on-farm efficiency.

Applied Concepts

CONTACT: Kevin Kennedy
EMAIL: kevin@appliedpi.com
LOCATION: Birr, Co Offaly
TEL: 089 2378670
WEBSITE: www.appliedpi.com

Applied Concepts is launching a brand new PTO powered screw air compressor which can be mounted and powered by either the front or rear PTO shaft, capable of 300+ CFM. With its patent pending vario air-end technology, this compressor is the first in the world that can be mounted on either PTO with such a high-compressed air output.

Blue Bull Machinery - The Easy Arm Auto

CONTACTS: Darragh Egan
EMAIL: ballyealanengineering@gmail.com
LOCATION: Tullamore, Co Offaly
TEL: 087 2681620
WEBSITE: www.bluebullmachinery.ie

Blue Bull Machinery manufactures a range of feeding and grassland machinery. We have brought numerous new products to market that help the farmer save money, time and labour. We invented The Easy Arm - Ring Feeder Lifter which lifts a ring feeder up and lowers it over a bale helping to prevent back injury and livestock attack. Our new model of The Easy Arm called The Easy Arm Auto will cut and retain the plastic eliminating the need for the farmer to get out of the cab of the tractor, helping to reduce farm accidents during feeding time.

Clare Engineering (Cavan) Slurry Gas Buster

CONTACT: Vincent Brady
EMAIL: clareengineering@eircom.net
LOCATION: Ballyjamesduff, Co Cavan
TEL: 087 2422924
WEBSITE: www.clareengineering.com

We have developed an extraction system that will disperse the potentially fatal gases in farm manure which are generated when a farmer is mixing oragitating slurry. One of the gases produced during agitating is hydrogen sulphide, a clear gas that is heavier than air, which tends to stay low to the ground in the absence of air movement. Exposure to this gas causes confusion, disorientation, rapid collapse and fatality where the concentration rises above 700 parts per million. Our extraction system will disperse the air in the slatted shed, and replace with clean safe air reducing the risk of accidental death.

Cormac Tagging Ltd

CONTACT: Ursula Kelly
EMAIL: ursula@cormactagging.ie
LOCATION: Tuam, Co Galway
TEL: 093 52385
WEBSITE: www.cormactagging.ie

Our innovation was born from our customers' problems. All calves born in Ireland must have a tissue sample taken for BVD testing. Our tissue sample wristband is worn on a farmer's wrist while tagging. It is a simple non-evasive way of holding tubes while continuing to tag. The size of the tubes have proven problematic for farmers. The tubes are often dropped in bedding, placed in overall pockets, left on walls or lost before reaching the lab. The band can also be used to store samples until ready for posting. This innovation is a simple solution to an international challenge.

Dairy Geyser Ltd

CONTACT: Syl Lyster
EMAIL: syllyster@gmail.com
LOCATION: Kilkenny, Co Kilkenny
TEL: 087 2362397
WEBSITE: www.dairygeyser.ie

Dairy Geyser Instant Oil Water Heater is the ultimate answer to providing hot water requirements in the farm dairy. On demand water heating provides solutions for automatic bulk tank cleaning and sterilisation, Milking machine cleaning and sterilisation, feeding calves with milk replacer at desired temperature, and power washing at high temperatures.

The real benefit of this system is that up to 30L of water per min will instantly heat from an ambient temperature to 80 degrees celcius. When used in conjunction with pressure washer the temperature rises to 150 degrees celcius, making this product ideal for the control of Clostridium and Johnes's disease. It is essential to use high temperature water with chlorine free detergents. The system is easy to install and provides a complete cleaning solution.

DeadDock

CONTACT: Padraic Walsh
EMAIL: padraicwalsh@hotmail.com
LOCATION: Ballina, Co Mayo
TEL: 087 6629607
WEBSITE: www.DeadDock.com

We have developed computer-vision technology that discriminates broadleaf weeds from grass. We use this technology to apply herbicides to the weeds individually and not the grass. In trials, DeadDock has saved herbicide usage by over 90%.

With this machine we offer a Dock control service to dairy farmers.

We supply the herbicide, the innovative herbicide application machine and the trained operator to control the weeds on the farm and we take care of all the paperwork.

DIT Hothouse - Extractics

CONTACT: Kieran O'Connell

EMAIL: kieran.oconnell@dit.ie

LOCATION: Dublin Institute of Technology, Dublin

TEL: 087 9268657

WEBSITE: www.dit.ie/hothouse

Extractics is a platform separation technology that mines the “gold” in raw materials, co-streams and co-waste streams, used for the isolation and development of proteins from underutilised sources:

- Agricultural Co-Streams
- Waste Streams (e.g. slurry/seafood)
- Natural Raw Materials (e.g. fruit & veg)

By 2050, the world's population is estimated to be 10 billion. There is now a shift toward sustainable, healthy, climate-smart protein sources. We are leading the way in identifying and capturing these functional/bioactive proteins with our technologies at DIT, School of Biological Sciences.

Dutch Agri-Food Innovations

CONTACT: Wemmechien Hofman
EMAIL: wemmechien.hofman@minbuza.nl
LOCATION: Netherlands Embassy, Dublin
TEL: 087 9383501
WEBSITE: www.netherlandsandyou.nl

The following 4 startups will be present at the “Dutch Agri-Food Innovation booth”

Connecterra - Building Artificial Intelligence that will grow food sustainably to feed future generations. Connecterra brings the spirit and values of Silicon Valley to the farmer’s field.

UmaMeats - Hybrid meat products, containing at least 15% seaweed combined with meat. Combining the functional properties of seaweed, its unique flavor and processing properties, they are able to improve on existing meat products in terms of health and sustainability.

Vitalgia Holland - Robotic systems for heated greenhouses and vertical farming. Maximize yield from each plant, by taking a timely action tailored to the plant’s needs, while replacing costly human labour.

Serket-Tech - Software tool that helps farmers to monitor and trace their livestock individually and automatically. It uses a readily-available technology also used in other industries to solve the animal health and food safety concerns such as overuse of antibiotics, expensive hardware solutions and high mortality rate.

e-Seed Trinity College Dublin

CONTACT: Brian Murphy
EMAIL: murphb16@tcd.ie
LOCATION: Trinity College Dublin, Dublin
TEL: 086 3920517
WEBSITE: www.tcd.ie/Botany

e-Seed TCD offers products that use microorganisms as crop seed inoculants. The e-Seed products will enable farmers to reduce synthetic chemical inputs while still maintaining full yield. The product is applied as a thin-film seed dressing to the crop using standard seed dressing equipment prior to distribution to growers. The inoculant is relatively cheap to produce and apply, and does not contaminate the end product. The seed treatment works by enriching the natural beneficial microbiome within the growing crop plants, which improves the nutrient use efficiency of the crop, enabling greater utilisation of available soil and chemical nutrients.

Farmeye

CONTACT: Eoghan Finneran
EMAIL: eoghan.finneran@farmeye.ie
LOCATION: Galway, Co Galway
TEL: 086 3947926
WEBSITE: www.farmeye.ie

Farmeye will launch its Online Soil Nutrient Management Planning System (The NMP Portal). The Farmeye NMP Portal is an online tool for Agri-Consultants, Dairy Processors and other agri-food businesses to monitor and manage soil fertility on their clients' and suppliers' farms. Our easy-to-use, map based system can be used to demonstrate how, e.g. the dairy co-op's suppliers are faring in terms of soil and nutrient sustainability. In addition, given the impending CAP reform, mandatory NMPs will be required for all farms and our DAFM-approved system provides the means to digitally demonstrate compliance at farm level.

FreshGraze

CONTACT: Tomas Drumm
EMAIL: info@freshgraze.ie
LOCATION: Collinstown, Co Westmeath
TEL: 087 7661568

Grazebot introduces Freshgrazing, an automated moving fence system which allocates fresh grass to grazing animals on a continual basis at a rate that ensures the entire sward is consumed before the fence moves again. The cows don't walk or contaminate the grass they are about to eat and graze on fresh pasture. Freshgrazing provides flexibility and eases grassland management leaving decisions easy to implement, improving grass production and utilisation while leaving a digital footprint for farm to fork traceability, and effective utilisation of mixed species swards promise to promote sustainable agriculture production. Freshgrazing Cyper-physical Device will revolutionize agricultural production.

Go2Mill Ltd

CONTACT: Chantal Stewart
EMAIL: info@go2mill.com
LOCATION: Blessington, Co Wicklow
TEL: 087 7119672
WEBSITE: www.go2mill.com

The Go2Mill is a portable attachment for a chainsaw. It enables the user to make valuable planks and beams on location without the need to transport the tree to a traditional timber mill.

Grasstec Group

CONTACT: Bertie Troy
EMAIL: btroy@grasstecgroup.com
LOCATION: Mallow, Co Cork
TEL: 022 27610
WEBSITE: www.grasstecgroup.com

The ATV LifeGuard® is unique in being the only roll bar made that is flexible and has the ability to deform or deflect in shape if it comes in contact with a person's body or limbs yet it is not able to collapse altogether. This means it can hold the back of the Quad up off the ground sufficiently to help prevent the rider from being crushed underneath. It has taken Quad Safety to a whole new level, and has already proved itself. Designed and made in New Zealand, it has been saving lives around the world.

Hanna Moore + Curley

CONTACT: Mary White
EMAIL: mwhite@hmc-ip.com
LOCATION: Dublin
TEL: 01 6613930
WEBSITE: www.hmc-ip.com

Innovation drives business - and at Hanna Moore + Curley, we can help you maintain your competitive advantage by protecting the value of your ideas. Our professional team has extensive experience of the European Patent system as well as a passion for technology. We understand how best to prepare patent applications for success in Europe and worldwide - including the US and Asian markets. We also assist companies with brand protection, including trade marks and registered designs. If you have big ideas, come and talk to our friendly team about how best to protect the value of your intellectual property.

Harp Renewables

CONTACT: Joe Cowley
EMAIL: joe@harprenewables.com
LOCATION: Navan, Co Meath
TEL: 083 1030961
WEBSITE: www.harprenewables.com

Organic Waste Digester capable of processing organic waste in 24 hours into a stable safe organic fertiliser or biomass fuel. Our digesters can process between 75kgs and 35 tons of organic waste per day.

HerdInsights

CONTACT: Brian Mulcahy
EMAIL: accounts@herdinsights.com
LOCATION: Little Island, Co Cork
TEL: 021 2428799
WEBSITE: www.herdinsights.com

HerdInsights has reached new heights by developing HerdInflight, our revolutionary drone compatible, estrus and health monitoring gateway. In response to our existing customer's needs, HerdInsights has developed this solution so cows on large pasture based farms can be monitored more effectively and efficiently. Whether you have 5,000 cattle on the plains of Argentina, 500 heifers off-farm in Texas or 300 dry cows in Australia, HerdInsights has the capability of monitoring these animals' health and estrus status without any restrictions on range or accessibility. With HerdInflight the sky is no longer the limit to managing your herd's health and reproductive performance!

Herdwatch Platform as a Service

CONTACT: James Greevy
EMAIL: james@herdwatch.ie
LOCATION: Roscrea, Co Tipperary
TEL: 086 7784030
WEBSITE: www.herdwatch.ie

The Herdwatch Platform as a Service (PaaS) is a fully customisable and flexible out-of-the box technology platform that can be licensed on a subscription by any organisation in the Agri-Food industry to provide a unique solution to their supplier, customer or partner farms.

Hexafly

CONTACT: Alvan Hunt
EMAIL: info@hexafly.co
LOCATION: Kells, Co Meath
TEL: 085 1208179
WEBSITE: http://hexafly.co

At Hexafly, our aim is to bring an insect farming revolution to the world and find smart ways to feed the planet. We are developing new material sources for the Aqua feed, chitin and plant nutrition industries. Our products come from the sustainable farming of insects.

INDECOCCI

CONTACT: Dr. Joanna Tierney
EMAIL: Joanna.Tierney@staff.ittralee.ie
LOCATION: Tralee, Kerry
TEL: 066 7145657
WEBSITE: www.shannonabc.ie

INDECOCCI is a poultry gut immunobiotic that is marine derived and demonstrates anti-parasitic activity for coccidiosis control in broiler production.

Inspect 4 T/A HoofCare Direct

CONTACT: Maeve O'Keeffe
EMAIL: inspect4hooftrimming@gmail.com
LOCATION: Ballynoe, Co Cork
TEL: 087 9539581
WEBSITE: www.hoofcaredirect.ie

Based in County Cork, we are a farming family so we understand the needs of the Irish farmer. Our core product is our Inspect4 Rollover Crate. Whether you're a farmer, professional hoof trimmer or a veterinary practice you'll appreciate how the Inspect 4 Rollover Crate improves safety for both the operator and the animal and takes the heavy lifting out of hoof trimming. We also supply the highest quality hoof care supplies at affordable prices - with an easy, fast and economical service through our online shop. Visit www.hoofcaredirect.ie; your one stop shop for all your hoof care needs.

Lir Agri

CONTACT: Micheal Savage
EMAIL: micheal.savage@liranalytical.com
LOCATION: Longford, Co Longford
TEL: 043 3349911
WEBSITE: www.liragri.com

Lir Agri is an industry leader in developing scientifically engineered cleaning and hygiene solutions for the pig farming industry. Lir Agri's primary focus is to facilitate and enable technical contributions for the advancement and sustainability of global food production through bio-security solutions.

We specialise in research and development of chemically designed solutions that are of real interest to food producers and food processors in helping eradicate harmful bacterial currently affecting livestock and food production.

Science and innovation is at the core of how Lir Agri does business.

Little Red Design Studio

CONTACT: Anna Carmody
EMAIL: annacarmody@littlereddesignstudio.com
LOCATION: Dublin
TEL: 083 0482770
WEBSITE: www.littlereddesignstudio.com

Little Red Design Studio is a little studio with BIG ideas. Specialising in Early Learning Products, Little Red Design Studio's first product "Hazard Farm" is a Children's book and play-mat combined to educate Early Learners about the dangers on a farm. Over 23 children have died on Irish farms since 2008, discounting the number of children seriously injured due to a farm related accident. Hazard Farm provides Early Learners with the tools they need to stay safe on a farm through the use of rhyme, sounds and main characters Billy and Lily who teach them how to be safe.

Lump Buster

CONTACT: Bernie McNamee
EMAIL: lumpbuster@gmail.com
LOCATION: Moyne, Co Longford
TEL: 086 0886976
WEBSITE: www.lumpbuster.ie

The Lump Buster is an Irish designed and manufactured device used to rapidly and effectively break up solid blockages in slurry tanks.

Machine Eye

CONTACT: Brendan Digney
EMAIL: brendan@machine-eye.com
LOCATION: Newry, Co Down
TEL: 075 88197395
WEBSITE: www.machine-eye.com

Machine Eye develops intelligent, pre-emptive safety systems for situational awareness around farm machinery and heavy plant. Through the application of innovative technologies, Machine Eye is providing a revolution in safety for agriculture, construction and related industries. Machine Eye provides protection against accidents involving machinery for operators, bystanders and everybody on the farm. Machine Eye has been developed by a group of electrical and electronic engineering students from Queen's University, Belfast.

Malone Procut 3000

CONTACT: Fearghail Connolly
EMAIL: Sales@malone.com
LOCATION: Claremorris, Co Mayo
TEL: 087 0611333
WEBSITE: www.malonefm.com

Malone Procut trailed mower comes in two sizes, 2.6 metre and 3 metre. This robust machine is built in Ireland for tough Irish conditions. It has a corner bed with sheer hub protection, semi-swing steel conditioner tynes, 400mm tyres, corner drive line over run on the PTO, and slip clutch protection and easy-to-use spreader veins, all as standard, as well as super floatation with power down. This mower is built for both contractors and farmers that want that clean cut.

Mastek Ltd

CONTACT: Paul Quinn
EMAIL: paul.quinn@mastek.ie
LOCATION: Cootehill, Co Cavan
TEL: 087 6396473
WEBSITE: www.mastek.ie

Mastek has designed a state-of-the-art macerator, specifically for the Irish market. We had serious challenges developing this macerator because of the large variation of contaminated slurry with regards to plastic and long fibre from round bale silage. The Supercut macerator features 6 blades with unique V-shaped cutting teeth, with sheer long fibre, timber and plastic passing through the outlet pipes. Each hose outlet has independent one-way air breathers, which allows air to enter into the outlet chamber of each outlet. It also has a hydraulic oil isolation block, which is a failsafe if the seal fails on the hydraulic motor.

Megalift

CONTACT: Meredith Hall

EMAIL: info@megalift.ie

LOCATION: Emyvale Derrygassan Upper, Co. Monaghan

TEL: 087 2907135

The Megalift SLT (Side Loading Trailer) has been designed to lift up to 35 tonnes. It can deploy a container in two minutes and is a one-man operation. The SLT has Hydraulic Sliding Cranes which allow for lifting of 20', 30', 40' and 45ft containers. It also has the ability to lift 2 x 20' containers and offloading on to the ground is possible. The large stability leg offers maximum stability and low ground pressure on any ground conditions. The Megalift is designed and manufactured at our new 10,000 sq.ft. factory in Emyvale, County Monaghan and is the only machine of its kind to be manufactured in Ireland and UK.

MicroFarm

CONTACT: Donal Healion

EMAIL: healiond@staff.ncad.ie

LOCATION: Dublin

TEL: 01 6364364

WEBSITE: www.ncad.ie

MicroFarm empowers urban dwellers to become producers of their own food. It is a fully automatic device for the indoor home-growing of microgreens and herbs. Many who wish to grow their own food are discouraged by the space, time, effort and mess involved. MicroFarm allows the user to grow their own fresh produce aeroponically and automatically, so there is no mess and no effort required. The associated MicroFarm mobile app creates a community of microgreen growers where they can share tips, advice and recipes, and enables every MicroFarm owner to become a brand ambassador.

Monte Loader

CONTACT: Patrick Masterson
EMAIL: paddym.121@gmail.com
LOCATION: Mountcharles, Co Donegal
TEL: 087 6216777

The Monte Loader is a concept which was designed to cut down on costs and improve the efficiency on working farms. The Monte Loader is a fully registered design and is universal to any tractor via the 3 point linkage. It will take any implement using euro brackets. It can lift to a height of over three meters and is designed to safely lift one tonne weight. It is also small and compact allowing it to tuck neatly in behind the tractor for transport, and it is also possible to tow a trailer while having the loader attached.

O'Donovan Engineering Safety Brake

CONTACT: Damien O'Donovan
EMAIL: info@odonovaneng.ie
LOCATION: Clonakilty, Co Cork
TEL: 021 7334066
WEBSITE: www.odonovaneng.ie

O'Donovan Engineering is an agricultural engineering company with over 40 years' experience in the sector. We pride ourselves on delivering high-quality products. The Safety Brake was an idea that originated during a routine calving on the test farm. It is designed to increase safety on the farm by reducing the kickback when an animal comes in contact with the gate. We felt this sudden swing of the gate could lead to injuries to both the farmer and others around the calving pen. This device could also be fitted to standard gates and on sheeted doors.

Origin Chain

CONTACT: Fiona Delaney
EMAIL: fgdelaney@gmail.com
LOCATION: Dublin
TEL: 087 6199609
WEBSITE: www.originchain.eu

Origin Chain offers blockchain-enabled software solutions to the dual problems of real world asset authentication /proof-of-origin traceability and securing first-look insights into consumer needs in export markets. The benefits of our software include: the creation of secure product-traceability, compliance, and brand authenticity in order to address consumer trust in new and existing markets, sharing the costs with consortia participants, aggregating market insights, future-proofing market strategies, protecting business interests and privacy. We are at the design phase of our software platform that will enhance the route-to-market for the Irish agri-food and manufacturing sectors.

Prolego Scientific

CONTACT: Andrew Parnell
EMAIL: andrew@prolegoscientific.com
LOCATION: University College Dublin, Dublin
TEL: 086 7924780
WEBSITE: www.prolegoscientific.com

Prolego Scientific has developed two proprietary algorithms for predicting performance and breeding values in thoroughbred animals and crops. It is successfully operating in the equine industry and has delivered a 20% improvement in predictive accuracy across a wide range of performance metrics. Currently, its algorithms are used to predict outcomes such as optimal racing conditions for elite thoroughbred race horses and its susceptibility to heritable diseases. It is currently expanding into new verticals such as poultry and aquaculture where their algorithms will be used to improve animal health and welfare and improve commercial KPIs of interest.

Pro-Revive

CONTACT: Gerard Daly
EMAIL: gerarddaly13@hotmail.com
LOCATION: Ballinasloe, Co Galway
TEL: 087 4154989

The Pro-Revive Animal Resuscitation Unit is developed to aid with the resuscitation of a new born animal that is born with a heart beat but is not breathing. The unit elevates the animal into a vertical position which allows the animal to establish an opened unblocked airway. The animal can then be repositioned into a horizontal position allowing for a resuscitator to be used to clear the airway and pump air into the new born animal's lungs. The unit is compatible for use in both the bovine and equine industries.

Remote Signals Ltd

CONTACT: Joe Perrott
EMAIL: joe@remotesignals.ie
LOCATION: Limerick, Co Limerick
TEL: 087 0542854
WEBSITE: www.remotesignals.ie

Remote Signals designs and builds sensor systems that combine wireless sensors with LPWAN (Low Powered Wide Area Networks) and cloud-based analytics - all in an easy-to-use, software-centric solution. Remote Signals believes that by making sensors simple to deploy and its data easy to consume, customers will be able to deploy them in places where they have never been used before.

ROCO Ezie Pen

CONTACT: Michael Roche
EMAIL: roche.farm@yahoo.ie
LOCATION: Ballinasloe, Co. Galway
TEL: 087 2226778
WEBSITE: www.roco.ie

RoCo Ezie Pen is manufactured in Mountbellew, Co. Galway by Roche Manufacturing who have been involved in agricultural products for over 30 years. RoCo Ezie Pen is a heavy duty mobile cattle pen designed to address the problem of out farms with no holding pen or cattle crush to handle cattle or sheep. This cattle pen is carried on a three-point linkage and can be set up in 15 minutes. With the Ezie Pen you have two options, a 23'x20' holding pen or a 23'x12' pen plus 9' cattle crush complete with sculling gate. This product is fully patented.

S.C.A.L.P

CONTACT: Brendan Cantwell
EMAIL: scalp6424@gmail.com
LOCATION: Tullamore, Co Offaly
TEL: 087 7791564
WEBSITE: www.scalp6424@gmail.com

This innovation is an implement that combs top of the ground field stones into rows and is very effective at doing so. These rows of stone in turn can be loaded into trailers by harvesters or front end loaders with beet baskets or something similar. Its forty six adjustable spring loaded pins also tills and levels the soil while rowing. Stone comb is ideal for de-stoning land before reseeding or putting in a crop and it is practically maintenance free. Scalping (depriving the top ground of stone) the ground of stones can have major savings in the use of fertilizer and also increases yields.

Supercrop1

CONTACT: David Doran
EMAIL: david@acresmachinery.com
LOCATION: Roscommon, Co Roscommon
TEL: 087 2482065
WEBSITE: www.supercrop1.com

This machine is designed and developed by Acres Machinery in the West of Ireland. Supercrop1 is a new unique forage machine/system, it is designed to reduce the amount of equipment required while saving crops such as hay, silage, straw. The Super Crop 1 (SC1) system has been proven to provide the best results and consistent quality forage in the least amount of time with just one machine. The unique modular design of SC1 allows the user to configure the machine to suit their precise needs. The new platform www.Supercrop1.com encourages better interaction between the customer, dealers and manufacturers while providing an easier way to configure and purchase the machine online.

Terra NutriTECH

CONTACT: Padraig Hennessy
EMAIL: padraig@tln.ie
LOCATION: Athy, Co Kildare
TEL: 087 2165374
WEBSITE: www.TerraNutriTECH.com

Terra NutriTech is an intelligent mineral dosing system designed to help farms become more profitable through better animal health and innovative technology.

We work with partners to improve animal health using agtech and automation to accurately feed minerals in water.

Terra NutriTech offers a plug and play system to farmers that

- Increases herd health, Saves time and money, Accurately dispenses minerals, Reduces supplementary feed costs, Maximizes profits

At Terra NutriTech, innovation is at the heart of what we do. We are the winner of the National Enterprise Awards 2018 and Google Adopt A Startup 2018.

The Calf Floor Company

CONTACT: Con O Laoghaire
EMAIL: conolaoghaire@yahoo.com
LOCATION: Waterford, Co Waterford
TEL: 086 1731969

The Calf Floor is non-porus, water tight and power washable. It can be easily moved yet has the strength to take the weight of calves and farmers. It has a non-slip surface. Waste falls under the calf floor from its curved cushioned surface and can be removed from underneath. The Calf floor is soft to lie on and no straw is required and it can also accommodate all calves up to 300 kgs. The Heated Calf Floor has all the features of the Calf floor, plus the added benefit of a built-in thermostatic heating system that is ideal for newborn or sickly calves.

TOXOR: Water Quality/ Toxicity Testing

CONTACT: Dr. Baljit SINGH
EMAIL: Baljit.Singh@ittdublin.ie
LOCATION: IT Tallaght, Dublin
TEL: 01 4042033
WEBSITE: <http://micra.ie/>

TOXOR is a platform sensor technology aimed at the water quality monitoring (microbiological and chemical), fecal contamination detection and indicative toxicity testing market as a low cost and rapid sensor for agri-food businesses and farming applications. It is Simple and portable, rapid, high throughput, quantitative and cost effective, bacterial contamination level and toxin strength (IC50) Whole toxicity testing / screening TOXOR aimed application in agri-food and food processing, farming, in-vitro toxicology testing/toxicity test manufacturing, chemicals/pesticides, pharma/drug development/cosmetics, horticultural, brewing/distilling, seafood, environmental monitoring, waste treatment, all of which can affect the quality of farming and agri-food businesses output.

True North Technology

CONTACT: Paddy Halton
EMAIL: paddy.halton@truenorthtechnologies.ie
LOCATION: Shannon, Co Clare
TEL: 085 8628234
WEBSITE: www.moregrass.ie

Development of smart sensors that allows farmers to measure and manage their resources.

Vahey Field Mouse

CONTACT: Kevin Vahey
EMAIL: Kevin.12840@gmail.com
LOCATION: Ballinrobe, Co Mayo
TEL: 087 0942066

A trailed grass conditioner that is equipped with a gyro gear box.

Willbo Dual Head Scoops

CONTACT: Willie Bolton
EMAIL: williepatbolton@gmail.com
LOCATION: Portarlinton, Co Laois
TEL: 087 2609711
WEBSITE: williepatbolton@gmail.com

Designed by Willie Bolton, a beef farmer. Dual Speed ratchet system 1134Kgs lifting power, dual scoop that fits all makes of head gates and no welding or drilling required. The clamping system takes 50mm OD up to 80mm OD, pipe box section 50/50 up to 80/80. Rectangle 60/40 80/60. There is a safety recoil built in if the animal goes down. Galvanise or plastic coating finish. Requires 27mm spanner to erect. Optional Overhead attachment. Makes routine tasks easier and safer for both farmer and livestock.

EXHIBITOR'S LIST - BY COUNTY

- 2

Cavan
Clare Engineering (Cavan) Slurry Gas Buster
Mastek Ltd
- 1

Clare
True North Technology
- 5

Cork
Agrify Solutions Ltd
Grasstec Group
HerdInsights
Inspect 4 T/A
HoofCare Direct
O'Donovan Engineering - Safety Brake
- 1

Donegal
Monte Loader
- 1

Down
Machine Eye
- 13

Dublin
AgroCycle Marketplace
DIT Hothouse - Extractics
Enterprise Ireland Brexit Unit
Enterprise Ireland Technology Gateway Network
e-Seed Trinity College, Dublin
European IPR Helpdesk
Hanna Moore + Curley
Dutch Agri-Food Innovations, Netherlands Embassy
Little Red Design Studio

- 4

Galway
MicroFarm
Origin Charm
Prolego Scientific
TOXOR: Water Qulaity/Toxicity Testing
ROCO Ezie Pen
Cormac Tagging
Farmeye
Pro-Revive
- 1

Kerry
INDECOCCI
- 1

Kildare
Terra NutriTECH
- 1

Kilkenny
Dairy Geyser
- 1

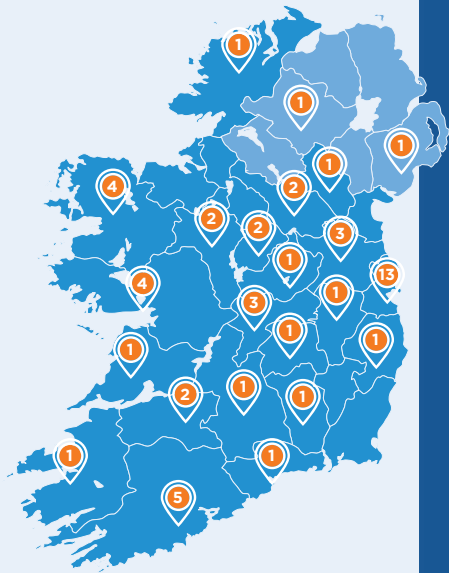
Laois
Willbo Dual Heads Scoops
- 2

Limerick
Anuland
Remote Signals Ltd.
- 2

Longford
Lir Agri
Lump Buster
- 4

Mayo
Agrispread International
DeadDock
Malone Procut 3000
Vahey Field Mouse
- 3

Meath
Meath Enterprise
Harp Renewable
Hexafly



- 1

Monaghan
Acidose 1
- 1

Tyrone
Agrispeed Ltd
- 3

Offaly
Applied Concepts
Blue Bull Machinery - The Easy Arm Auto
S.C.A.L.P.
- 2

Roscommon
Alchemy Utilities TD
Supercrop 1
- 1

Tipperary
Herdwatch Platform as a Service
- 1

Waterford
The Calf Floor Company
- 1

Westmeath
FreshGraze
- 1

Wicklow
Go2Mill Ltd

Enterprise Ireland
The Plaza, East Point Business Park
Dublin 3, D03 E5R6
Tel: (01) 727 2000
www.enterprise-ireland.com



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