



# DIGITAL AGRIFOOD SUMMIT

29 Oct 2024 | Wagga Wagga

# EXPO PROGRAM



**AGRI**PARK



Charles Sturt  
University



# WELCOME TO THE EXPO

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Welcome to the 2024 Digital Agrifood Summit Expo. This year's theme, Future-Fit Farming, is our opportunity to establish what's ahead for Australian agriculture.

Building on the success of our previous guided tours of the Global Digital Farm, we've expanded this event into a full-day, producer-focused experience. The Digital Agrifood Summit Expo showcases cutting-edge agricultural innovation in a real-world farm setting. At the Expo, you will get the opportunity to participate in hands-on technology demonstrations, informative panel discussions, and explore a trade display featuring over 50 industry-leading exhibitors.

I want to express my sincere gratitude to our generous sponsors and partners for their support in making this event possible. A special thanks goes to the Australian Government Department of Agriculture, Fisheries and Forestry, Sunrice Group, Elders, Australian Agricultural Data Exchange, Agrifutures evokeAg and growAg, Eratos, and Downforce Technologies.

Finally, I'd like to acknowledge the hard work and dedication of our team who have made the 2024 Digital Agrifood Summit Expo a reality.

Thank you for joining us for an enriching experience that promises to inspire and transform the future of farming, and Australia's agrifood industry.

Sincerely,

Nick Pagett, Executive Director, AgriPark



#DAS24



**AGRIPARK**



**Charles Sturt  
University**





# PROGRAM

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## Tuesday 29 October

9:30 AM **GATES OPEN**

Cnr Coolamon Road & Prices Road

10:00 AM **EXPERT PANEL PRESENTATION: DATA**

Jack Rejtman, Eratos

Nathan Goss, The Australian Agricultural Data Exchange

Hamish Munro, Pairtree

Dan Winson, Zetifi

Dr Matthew Flynn, Deloitte

**Moderator:** Jonathan Medway, AgriPark

10:45 AM **TECHNOLOGY DEMONSTRATIONS**

**Cropping:** SwarmFarm SmarmBot, soil mapping & precision agriculture

**Livestock:** Optiweigh/Agscant sheep & cattle systems, Shepherd Ag feeding system technology

**UAV:** Australian Plant Phenomics Network Charles Sturt University Node Launch

**Sustainability & Data:** Downforce soil carbon monitoring, Flapper Drone and Robotic Dog

11:25 AM **EXPERT PANEL PRESENTATION: CROPPING**

Craig White, Bayer

David Finlay, MPT

Tim Neale, Data Farming

Jack Rudd, SwarmFarm

**Moderator:** Jonathan Medway, AgriPark

12:10 PM **TECHNOLOGY DEMONSTRATIONS**

**Cropping:** AgrolIntelli Robotti tool carrier, Croplands ProspR

**Livestock:** Clipex sheep auto handler/drafter, AutoMed electronic drenching system

**UAV:** Crop Imaging UAV systems, Spray Drones

**Sustainability & Data:** Bralca Hydrogen Systems, H2Core Hydrogen, 3D agricultural manufacturing

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12:50 PM **LUNCH & SPECIAL ANNOUNCEMENTS**

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# PROGRAM

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## Tuesday 29 October

### 1:25 PM **EXPERT PANEL PRESENTATION: LIVESTOCK**

Bill Mitchell, Optiweigh  
Phil Tickle, Cibo Labs  
Fabian Gross, Deloitte  
Darren Wolchyn, SmartPaddock  
Max Kelly, FarmBot  
**Moderator:** Dr Sue Hatcher, Makin Outcomes

### 1:55 PM **TECHNOLOGY DEMONSTRATIONS**

**Cropping:** SwarmFarm SmarmBot, soil mapping & precision agriculture  
**Livestock:** Optiweigh/Agscent sheep & cattle systems, Shepherd Ag feeding system technology  
**UAV:** Crop Imaging UAV systems, Spray Drones  
**Sustainability & Data:** Downforce soil carbon monitoring, Flapper Drone and Robotic Dog

### 2:35 PM **EXPERT PANEL PRESENTATION: SUSTAINABILITY**

Phil Tickle, Cibo Labs  
Ben Wark, Downforce Technologies  
Guy Webb, Loam Bio  
Emily Cotterill, The Environmental Factor  
Dr Cassandra Schefe, Cool Soil Initiative  
**Moderator:** Mark Frost, Charles Sturt University

### 3:20 PM **TECHNOLOGY DEMONSTRATIONS**

**Cropping:** AgroIntelli Robotti tool carrier, Croplands ProspR  
**Livestock:** Clipex sheep auto handler/drafter, AutoMed electronic drenching system  
**Sustainability & Data:** Bralca Hydrogen Systems, H2Core Hydrogen, 3D agricultural manufacturing

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### 4:00 PM **CLOSE**

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# THE GLOBAL DIGITAL FARM

## AUSTRALIA'S LEADING LANDSCAPE LABORATORY

A partnership between [Charles Sturt University](#) and [Food Agility Cooperative Research Centre](#), the Global Digital Farm is a 'landscape laboratory' at work on a 1600Ha commercial, operating farm, located at the Wagga Wagga campus in New South Wales (Australia).

With a wide range of research projects and over \$9m in committed investment, the GDF is well on its way to demonstrating the future of farming.



## DAS24 EXPO - SITE MAP



## MAJOR SPONSOR



**Australian Government**

**Department of Agriculture, Fisheries and Forestry**

## EXPO PARTNERS



This event couldn't happen without our Sponsor and Partners. We would like to extend a heartfelt thank you for your immeasurable support.

# EXHIBITORS

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The SunRice Group is an ASX-listed, global food business and one of Australia's leading branded food exporters. We were formed in 1950

when a group of rice growers pooled their resources in the Riverina region of New South Wales to build a single rice mill. Today, we have grown into one of the largest rice food companies in the world, comprising multiple businesses, assets and operations.

**Stall C1**



As rural Australia's most trusted agribusiness, Elders has played an important role in the agricultural sector for 185 years.

Our expansive network across Australia offers links to markets, tailored advice and specialist knowledge across a range of products and services, including farm supplies, agronomy, livestock, wool, grain, finance, insurance, and real estate.

**Stall F1**



The AADX is an initiative of the agricultural industry to enable participants to share and use data from disparate systems in a

secure cloud environment. The AADX assists in facilitating the transfer of production and value chain data via a data marketplace. It adopts existing industry standards as a baseline, enabling users to create their own private data exchange, and more.

**Stall A9**



Eratos empowers organisations around the world to modernise the way they build data-driven solutions that scale by

providing, a self-service platform to share, access and build data products and services, tools to curate, explore and integrate datasets, tools to integrate, develop and publish data-driven models and applications, governance and standard processes and frameworks

**Stall D7**



AgriFutures growAG. is Australia's online agrifood innovation marketplace, where you can explore,

find and connect with world leading agricultural research, unique technologies and commercialisation, investment and research opportunities online in one, easy to use location. Agrifutures evokeAG. connects the agrifood innovation community across the Asia Pacific and around the world through a premier agrifood tech event.

**Stall B1**



# EXHIBITORS

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Downforce Technologies is a pioneering company that specialises in optimising soil health, soil organic carbon levels, and biodiversity through data-driven land management solutions. Downforce Technologies offers a platform that delivers actionable insights to farmers, landowners, agricultural businesses, financial institutions, and supply chains, enabling them to make informed decisions about sustainable land management practices.

**Stall C7**



The AgriPark is the innovation ecosystem in the heart of the Riverina dedicated to agricultural research, curated collaboration and sustainable production. Bringing together researchers, industry, government and community, our goal is to meet the big challenges of regional Australia. It's where we collaborate, experiment and innovate to make world-changing ideas a reality.

**Stall A8**



With AgTech Finder, Australian producers can search, sort and compare hundreds of available agtech products with just a few clicks of the mouse. AgTech Finder is an independent digital platform featuring products from agtech companies large and small, established and emerging, Australian and international.

**Stall B9**



The Australian Plant Phenomics Network (APPN) is a distributed network of national research infrastructure platforms offering open access to state-of-the-art plant phenomics technologies, tools and expertise not available at this scale or breadth in the public sector anywhere else in the world.

**Stall A10**



The Australian Agritech Association (AusAgritech) is the peak national body for agritech in Australia, dedicated to elevating the nation's agritech sector both locally and globally. Our mission is to unite innovators, investors, regulators, researchers, and the public to foster collaboration and address sector fragmentation.

**Stall A10**

# EXHIBITORS

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## **Charles Sturt University AI & Cyber Futures**

Artificial Intelligence and Cyber Futures Institute aims to pursue the agenda of regional discovery, showing how AI developed 'off the beaten track' and 'in the wild' can better serve not only rural and regional communities, but society as a whole, creating a new comparative advantage for Australia internationally. AICF's focus is on research in data science, AI, and cybersecurity.

**Stall B10**



Climate FieldView™ – the Bayer Crop Science division flagship product—is the world's leading digital farming software platform, available in 23 countries, on over 220 million acres. FieldView blends unrivaled machine compatibility, data analysis and visualization tools, and connectivity across dozens of trusted farm management partners to enable insights for more informed decisions in the field.

**Stall D4**



## **My Climate View**

My Climate View is a farmer-focused digital climate information product that addresses the long-term strategic challenges facing farmers and farm advisers. It presents agriculturally relevant past and future climate information in one place so farmers and their advisers can explore climate trends for 22 different commodities at a local scale.

**Stall B14**



Cibo Labs Pty Ltd is an agricultural data analytics company based in Toowoomba and Brisbane Queensland Australia.

The company was established in early 2018 with the mission to bring a completely new approach to monitoring Australia's grazing lands aimed underpinning more profitable farms and more sustainable landscapes.

**Stall E9**

## **CROPLANDS**

Croplands, owned by Nufarm Ltd., is a leading manufacturer of high-performance spraying equipment. Croplands' innovative product line encompasses self-propelled sprayers, the Propspr autonomous vineyard and orchard sprayer, Weedit spot sprayers, and nozzles and accessories, ensuring precise and efficient spraying for all agricultural needs.

**Stall F2**

# EXHIBITORS

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The Cool Soil Initiative supports farmers in exploring their practices to improve the health of their soil, increase their yield, and reduce on-farm greenhouse gas emissions. Our purpose is to enable a scientifically credible framework for the food industry to support farmers to make a healthier, sustainable future for our farming industry.

**Stall A13**

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Datamars Livestock revolutionises livestock management through our cutting-edge data-driven solutions. Our innovative technologies empower farmers and ranchers to optimise their operations, enhance animal welfare, and maximise profitability. They are showcasing their Remote Walk over Weighing, Activity Monitoring in Dairy Cattle, Electric Fencing monitoring, and EID tag/data solutions.

**Stall E1,2**

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Deloitte strives to operate at the forefront of circular and digital transformation in the agriculture and food sectors – working as trusted advisors to governments, research organisations and industry. Clients benefit from the combination of our advisory services and access to our unique technology suite and inhouse development capabilities.

**Stall D1**

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Delta Agribusiness is a leading independent agricultural retailer and agronomy service provider. With a network across most Australian states, Delta is helping farmers make the right decisions. Part of this is our Precision Agriculture team, who offer a fully supported PA offering, helping farmers make better decisions with their data.

**Stall C2**

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## **Charles Sturt University eXtended Reality Centre**

At the eXtended Reality Centre (XRC), we explore real and virtual worlds, using digital technology to solve the problems that matter and transform how we live, learn, and interact. Our goal is to help achieve change in faster, smarter, cheaper and safer ways by fusing creative arts, science, and the latest technologies to tackle the big issues.

**Stall A12**



# EXHIBITORS

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## **Charles Sturt University Faculty of Science & Health**

and Veterinary Sciences will showcase their Undergraduate and Postgraduate courses.

The Charles Sturt University Faculty of Science and Health, and the School of Agricultural, Environmental

**Stall B12**



Farm Monitoring Solutions is a regionally based and family-owned agri-tech solutions provider. With a suite of specialised products,

FMS focuses on remote solutions for farmers across Australia. We work closely with vendors to select the best technology and fit for our customers. Our technology also enhances operational efficiency across one or multiple sites and reduces farm costs.

**Stall B6**



Leaders in remote water monitoring, Farmbot provides farmers with a smart, cost effective and easy to use solution to better manage their their most valuable resource – water. The company monitors and reports on-farm water ecosystems delivering near real-time reporting on water trends, consumption and alerts.

**Stall C7**



FarmLab is a digital platform that supports the mapping, collection and management of soil, plant and water

measurements in order to support better on-farm decisions, monitor practice change and access new revenue streams through emerging environmental markets.

**Stall D8**

## **Charles Sturt University Feedlot of the Future**

A real-world facility for testing new technology to advance animal production and solve environmental challenges in the red meat industry. The Feedlot of the Future is a fully automated undercover facility to explore and showcase best practice in animal health and welfare, investigate commercial transferability of new precision technology and help alleviate the difficulties typically faced in terms of tech validation and demonstration in a commercial setting.

**Stall A14**

# EXHIBITORS

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## FreshChain

FreshChain is a fully integrated, blockchain enabled, paddock to plate assurance system that verifies the food you eat. In just a few seconds, we can provide traceability throughout the supply chain and provide real time insights to make better decisions during a products life-cycle. We offer an integrated traceability solution supported by real-time environmental sensors, ensuring unprecedented transparency.

**Stall B7**

## Charles Sturt University Global Digital Farm

A partnership between Charles Sturt University and Food Agility CRC, the Global Digital Farm is a 'landscape laboratory'; a full-size commercial, operating farm. The GDF is strategically located in the heart of the Riverina food bowl on 1600Ha in Wagga Wagga. As we move toward a net zero carbon footprint and building to a \$100 billion industry, technology has never been more important.

**Stall A1**

## Charles Sturt University Global Smart Farm Network

The Global Smart Farm Network brings together a coalition of over 20 smart farms across Australia, Canada and New Zealand to advance and promote new technologies for optimising agriculture, sustainability, and communities. The network focuses on collaboration in assessing, extending, and commercialising advanced farming technologies like sensors, automation, AI, and data analytics.

**Stall A2**

## Charles Sturt University Gulbali Institute

The Gulbali Institute at Charles Sturt University is pioneering innovative solutions in agriculture, water, and environmental research. The Gulbali Institute at Charles Sturt University emphasises return on investment to increase productivity for farmers, improve natural environments, and reduce risk in agricultural and environmental management.

**Stall B3**



H2Core Systems supplies systems to critical business operations and remote communities that lack access to reliable power. We develop, manufacture, and maintain modular, scalable electrolysis systems and combines them with expansion options (fuel cells, compressors, and various storage options) to create complete plug-and-play energy supply solutions.

**Stall F3**

# EXHIBITORS

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**HONE**

Hone delivers solutions in spectroscopy for a range of applications. At Hone, our mission is to empower you with the freedom to conduct tests when you want for when you need them. We are committed to delivering accurate data, providing you with the insights needed to make informed decisions.

**Stall D6**



ICT International, a global leader in agricultural and environmental monitoring, researches, develops, and manufactures instrumentation to measure soil moisture, plant water use, plant water potential, and weather. With exports to over 50 countries annually, ICT International offers IoT connectivity for precision agriculture and environmental monitoring.

**Stall C10**

**Charles Sturt University  
Innovate at Charles Sturt**

Innovation is key to addressing future challenges. At Charles Sturt University, our diverse programs foster innovation across various industries like food production, climate change, healthcare, and cybersecurity. Innovate at Charles Sturt offers workshops, bootcamps, hackathons, masterclasses, conferences, and demo days to support your journey.

**Stall A7**

**loam**

Loam collaborates with farmers and scientists to achieve large-scale, high-quality carbon removal using our CarbonBuilder technology. Loam is turning the world's croplands into giant carbon sinks and putting agriculture at the forefront of addressing climate change, by harnessing the power of microbes into sustainable solutions.

**Stall F4**



**Local Land Services**

Local Land Services is a regional-focused NSW Government agency delivering quality customer services to farmers, landholders and the wider community. We help people make better decisions about the land they manage and assist rural and regional communities to be profitable and sustainable into the future.

**Stall C8**



# EXHIBITORS

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Mac Systems provides a range of new and innovative monitoring and control solutions for a wide range of agricultural applications. We provide a wide range of monitoring and control solutions for agriculture including sensor monitoring, including soil moisture, weather, system monitoring, level, flow, pressure, as well as irrigation control and automation including pump monitoring and control, pressurised and surface irrigation.

**Stall D12**



Metos ANZ is the AgTech Solutions provider of PESSL Instruments covering all of Australia and New Zealand. Delivering insights to end users to make decision-making simpler. Metos is a market leader in weather and field monitoring solutions that can provide all the information that you as a farmer may need to better manage your farm and assets. Metos aims to be out-standing in your field.

**Stall C14**



Novecom, a specialist in sensor-based monitoring systems, designs, manufactures, and integrates solutions for environmental and process monitoring. Addressing the challenges of IoT communication blackspots in Australia, SynaptiX Connect Mesh provides cost-effective solutions for reliable data transmission and monitoring in remote areas.

**Stall D5**



The Farms of the Future program is dedicated to helping farmers harness the power of technology to boost productivity, stay competitive in the market, and manage resources more efficiently. Our focus includes enhancing digital skills through training programs, promoting the use of IoT devices for better productivity and sustainability, and connecting farmers with the Agtech industry.

**Stall C3**



Onside's mobile app simplifies risk management across rural properties, so that agribusinesses can be compliant. Designed specifically for rural properties with poor phone reception, Onside's app is used by contractors, visitors, and staff to check-in with, making it easy to digitally update and share key information to people to reduce safety and biosecurity risk in real time.

**Stall C4**

# EXHIBITORS

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Pairtree is Australia's leading Agtech integrator, and we connect the data from behind the farm gate for the farmer, advisors and supply chain. Pairtree allows all of your data to be accessed through one point and to access the key headlines from many disparate data sources. Pairtree has connected 10 agtech suppliers for the Charles Sturt Global Digital Farm.

**Stall F7**



Pinion Integrated Office, powered by Robot Accounts is pre-accounting software that improves the efficiency and effectiveness of farm bookkeeping. Using advanced technology, bills and statements are digitised and analysed line by line and then coded to the Chart of Accounts. The entire document flow system is designed to increase the speed of bill processing and coding with as minimal contact by the farmer as possible.

**Stall B13**



The Regional Tech Hub is an Australian Government funded project, administered by the National Farmers Federation. Providing free and independent connectivity advice to regional, rural and remote Australians, they are also offering free connectivity advice to primary producers and small businesses located in regional Australia.

**Stall B2**

## **Charles Sturt University RenCoE**

The Renewables in Agriculture Centre of Excellence aims to unlock the potential of renewables in agriculture value chains to power farms and regional economies, and support a sustainable, resilient and circular food system. It's establishing a portfolio of collaborative research projects at Charles Sturt University's AgriPark and Global Digital Farm that pilot, demonstrate, innovate, test and scale renewable energy technologies, services and practices.

**Stall A6**



Safe Ag strives to remove the physical paperwork associated with business operations compliance for agriculture globally. Safe Ag is known as safety software for agriculture but is quickly establishing itself as a full operational tool focused on the people working within the industry.

**Stall C5**

# EXHIBITORS

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Schedule-it offers farmers a 7-day irrigation schedule for broad acre and horticultural crop, across all irrigation systems in real time in mm or hours.

Information is based on real time in field data collected by out IoT units as well as agronomic principals, plant phenology and weather data.

**Stall D2**



Sentek provides sensors, telemetry and software for precision measurement and management of soil water, temperature and salinity. With a team of specialists across agronomy, soil science, and irrigation technology their products are designed to provide accurate data to support better irrigation decisions.

**Stall D9**



Smart Paddock is an Australian company that has developed an animal management analytics platform for the livestock industry that provide real-time information to producers about the health status, behaviour, and accurate geo-location of all the animals in their herd. Utilising on-animal sensor data straight from the paddock, the platform will analyse the individual animal and group bio-metric data and give actionable insights to the producer

**Stall C12**



SPAA is the leading not-for-profit advocate for precision agriculture (PA) adoption in Australia. As a broad-based organisation, SPAA covers a range of primary industries and acts as an umbrella group, supporting PA initiatives that have the funding and capabilities to explore and adopt new technologies.

**Stall C9**



Southern NSW Drought Resilience Adoption and Innovation Hub is one of eight hubs established through the Australian Government's Future Drought Fund. The Hub provides farmers and rural communities with knowledge, resources and skills needed to build resilience and thrive in the face of climate variability and drought.

**Stall C13**

# EXHIBITORS

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The Environmental Factor is an environmental consultancy based in the Central Tablelands and Riverina regions of NSW. Biodiversity conservation, managing environmental impact mitigation and monitoring programs for large or small development projects are our specialties. We are passionate about helping guide our clients through the legal and agency stakeholder approval process

**Stall D11**



Trust Provenance deliver comprehensive traceability, streamlined emissions reporting, and dynamic product passports that ensure transparency and accountability. Our innovative branded QR codes and robust supplier management tools simplify data compliance and enhance sustainability efforts. Partner with Trust Provenance to drive sustainable growth and uphold the highest standards in your industry.

**Stall B4**



VetChip's innovation is a smart biosensor for animals that monitors various physiological or health parameters, providing data that can be used to optimise the health of the animal. VetChip's tiny sensor is linked to an internet gateway, with a sophisticated cloud backend of health information storage, analysis and diagnostics. Cloud intelligence triggers an alert if an abnormality is developing, notifying the user via their smart device to take action.

**Stall D7**

## **Charles Sturt University Vineyard of the Future**

A partnership between Charles Sturt University, Wine Australia and Food Agility, the Vineyard of the Future will showcase the latest technology in the grape and wine production through the entire value chain. Here, producers can gain insights into new and evolving technology best suited to their operation and precision ag investment.

**Stall A5**



Zetifi offers connectivity solutions to keep farmers and their machinery connected in even the most challenging of locations, enabling farming businesses to embrace digital technology and modernise their operations. Their products include innovative location-aware antennas for signal boosters, and Wi-Fi coverage extension products such as the ZetiRover, which provides roaming Wi-Fi for vehicles and machinery operating in low coverage areas.

**Stall B5**





# DIGITAL AGRI FOOD SUMMIT

30 OCT 2024

## CONFERENCE PROGRAM





# ABOUT THE ORGANISERS



Food Agility makes innovation easier. We broker, design and deliver innovation programs for the Australian agrifood industry, ensuring maximum impact for investment. We specialise in using data and digital technology to increase profits and improve sustainability. We have a strong track record, with a \$330m+ portfolio that includes discrete, agile research projects through to major initiatives of national and global significance. Our team, board and network of 80+ project partners span the agrifood, technology, research and government sectors.



We are a university of the land and people of our regions. True to the character of regional Australia we have gumption, we have soul and we collaborate with others. We develop holistic, far-sighted people who help their communities grow and flourish. The Wiradjuri phrase yindyamarra winhanganha means the wisdom of respectfully knowing how to live well in a world worth living in. This phrase represents who we are at Charles Sturt University – our ethos. It comes from traditional Indigenous Australian knowledge, but it also speaks to the mission of universities – to develop and spread wisdom to make the world a better place. Harnessing technology, we thrive as a distributed yet connected community, welcoming and engaging with people across Australia and the world.



The AgriPark is the innovation ecosystem in the heart of the Riverina dedicated to research, curated collaboration and sustainable production. We bring together researchers, industry, government and community to meet the big challenges of regional Australia. It's where we collaborate, experiment and innovate to make world-changing ideas a reality; where partners share and test ideas, students gain practical skills, and researchers and investors can fast-track both ideation and commercialisation. Our core portfolios are the Global Digital Farm, the Red Meat Innovation Centre, the eXtended Reality Centre and the Vineyard of the Future. And, in line with Charles Sturt University's commitment to regional Australia, we prioritise partnerships that explore innovations and issues most relevant to regional and rural lives and enhance regional opportunity.



# WELCOME

Welcome to Day Two of the Digital Agrifood Summit. This year's theme, Future-Fit Farming, is our opportunity to establish what's ahead for Australian agriculture. Yesterday you saw the emerging technology that promises to transform the way we produce food and fibre. Today you'll hear Australian and New Zealand agrifood leaders discuss the practicalities of that transformation, covering topics from decarbonisation to sustainability.

Our session on Artificial Intelligence (1:30pm) is sure to challenge your thinking. Following a keynote from Microsoft's Sarah Carney, and a case study from BioScout's Charles Simons, we'll dive into a debate about how the agrifood industry should 'Embrace AI'.

We conclude this year's Summit with a brand new offering - an immersive experience transporting you to the "Farm Office of the Future". Follow 'Farmer Dave' as he uses new and innovative technologies to run his farm. You'll see what he can do remotely when an employee is in trouble, how he can manage the welfare of his dairy cows, predict when to buy feed or sell stock, manage data from disparate sources, and then use that data to access key export markets. It's a session not to be missed!

Building professional networks is a cornerstone of DAS, and we're pleased to provide that opportunity while also showing the best of the Riverina at the Gala Dinner. Environmental Scientist and Adventurer Dr Tim Jarvis AM delivers a keynote that's sure to inspire at this sell-out event.

The collaborative efforts of our two organisations allows us to deliver this event for regional Australia; something we take great pride in. We would like to acknowledge our respective teams for their hard work and dedication in making the 2024 Digital Agrifood Summit a reality and extend our thanks to the generous sponsors who support the Summit.

Thank you for joining us for an enriching experience that will demonstrate how Australia's agrifood industry can become "future-fit".

*Prof. Renée Leon PSM, Vice-Chancellor, Charles Sturt University*  
*Dr Mick Schaefer, CEO, Food Agility CRC*



#DAS24



**AGRIPARK**



## PRINCIPAL SPONSORS



**Australian Government**  
**Department of Agriculture,  
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**Deloitte.**

## SUPPORTING PARTNER



**Department of Primary Industries  
and Regional Development**  
**Farms of the Future Program**



**Charles Sturt  
University**

**Gulbali Institute**  
**Agriculture Water Environment**

## GALA DINNER SPONSOR

## PRESENTING PARTNERS



## OTHER SPONSORS



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# PROGRAM – 30 OCTOBER

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- 8:00 AM **REGISTRATIONS OPEN**  
Joyes Hall, Charles Sturt University
- 8:50 AM **WELCOME TO COUNTRY**  
Aunty Cheryl Penrith OAM
- 9:05 AM **WELCOME ADDRESS**  
Prof. Renée Leon PSM, Charles Sturt University
- 9:15 AM **GOVERNMENT ADDRESS**  
The Hon. Julie Collins, Minister for Agriculture, Fisheries and Forestry

## SESSION 1

### DECARBONISING AGRICULTURE

Solar farms, wind turbines and new transmission lines across agricultural landscapes are a visible, and sometimes controversial image in Australia's renewable energy transition. But there's more to 'decarbonising' agriculture than meets the eye – think bio-energy production from 'waste' streams, hydrogen to ammonia, on-farm energy supply chains to provide autonomy, and new technology to help measure emissions. This session explores the challenges and opportunities ahead for an industry aiming to reduce its environmental impact.

- 9:20 AM **AUSTRALIAN AGRI-RENEWABLES INNOVATION CHALLENGE ANNOUNCEMENT**  
Stephen Summerhayes, RenCoE
- 9:30 AM **KEYNOTE**  
Natalie Collard  
Farmers for Climate Action
- 9:45 AM **CASE STUDY**  
Mike Casey  
Rewiring Aotearoa
- 10:05 AM **PANEL RESPONSE**  
Sean Cole, GrainGrowers  
Daniela Carnovale, AgScent  
Natalie Collard, Farmers for Climate Action  
Gemma Purcell, Community Energy Advocate
- Moderator**  
Stephen Summerhayes, RenCoE

- 
- 10:45 AM **MORNING TEA**  
PLEASE RETURN BY 11:10AM

Presented by





# SESSION TWO

## VERIFYING SUSTAINABILITY

What can Australia's agriculture sector learn from its international counterparts when it comes to improving and reporting sustainability outcomes? Furthermore, where do the opportunities lie for our producers to lead by example? This session will provide a bigger picture view of how Denmark has risen to the challenge of improving its agricultural sustainability, and the technology that will help us both verify claims and go beyond mandated targets.

11:15 AM

### KEYNOTE

Ben van Delden  
Deloitte

11:30 AM

### PANEL RESPONSE

Steve Capell, UN/CEFACT  
Laura Grubb, Greenham  
Mick Anderson, GrainCorp  
Tess Herbert, Gundamain Pastoral

Moderator

Piers Hogarth-Scott, Deloitte

12:15 PM

### LUNCH BREAK

PLEASE RETURN BY 1:20PM

Presented by



#DAS24



INNOVATIVE  
BIOLOGICALS TO  
BOOST FARM  
PROFITABILITY

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ASX : TGH

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# SESSION THREE

## EMBRACING AI

Artificial Intelligence is already in use in agriculture. With its enormous potential and applications for integration, this session will explore how AI can be harnessed for industry wide benefit. Is it time to 'let it rip', or do we need to 'maintain control'? You be the judge.

1:30 PM

### KEYNOTE

Sarah Carney  
Microsoft ANZ

1:45 PM

### CASE STUDY

Charles Simons  
BioScout

2:05 PM

### DEBATE

#### LET IT RIP

Ganna Pogrebna, AI & Cyber Futures Institute  
Jerome Leray, InFarm

#### MAINTAIN CONTROL

Vi Nguyen, Ryka Global  
Prof Robert Sparrow, Monash University

#### Moderator

Tim Lee, ABC Landline & Event MC

2:45 PM

### AFTERNOON TEA

PLEASE RETURN BY 3:10PM

Presented by



#DAS24

## Farms of the Future

Farms of the Future is dedicated to supporting farmers in adopting technology to enhance productivity, improve market competitiveness, and optimise resource management.



Key program features:

- **Training and Education** – Gain knowledge to leverage Agtech solutions.
- **Agtech Demonstration Hubs** – See cutting-edge technology in action in NSW.
- **Agtech Toolbox** – Explore products, tools and resources at [www.agtech.dpi.nsw.gov.au](http://www.agtech.dpi.nsw.gov.au).
- **Agtech Events** – Designed to showcase the latest technologies.
- **Agtech Specialist Team** – Get expert guidance on Agtech and connectivity.

Email: [fotf@dpi.nsw.gov.au](mailto:fotf@dpi.nsw.gov.au)





#DAS24

## SESSION FOUR

# FARM OFFICE OF THE FUTURE

An immersive session that will transport you from Joyes Hall and into the 'Farm Office of the Future'. The year is 2030 and you've got a front row seat to watch how 'Farmer Dave' uses technology and data platforms to manage different scenarios. From paddock-level forecasting, animal welfare and asset management, through to data collection, integration, and traceability, this session is not to be missed.

3:25 PM

### **Asset Management**

Katy Landt, SafeAg Systems

### **Forecasting with AgriWebb**

Dr Kenny Sabir, AgriWebb

### **Animal Welfare**

Matt Shaffer, DataGene

### **Data Management**

Hamish Munro, Pairtree Intelligence

### **Traceability**

Lisa Barrios, Cibo Labs

'Farmer Dave' is played by  
Professor Dave Lamb, Food Agility CRC

4:30 PM

### **CLOSING ADDRESS**

Dr Mick Schaefer, Food Agility CRC

6:30 PM

### **GULBALI GALA DINNER**

## Creating a data culture

MLA is supporting initiatives and activities that:

- address the barriers to on-farm adoption of technologies and data analytics
- encourage innovation
- increase the potential for wide-scale impact beyond the farm gate.

[mla.com.au/digital-ag](http://mla.com.au/digital-ag)







# GULBALI GALA DINNER

**30 OCTOBER**  
**6:30 - 9:30pm**  
The Wild Vine,  
1313 Oura Rd  
Oura NSW 2650  
*Please visit registration desk  
for any remaining tickets.*

## **Impactful and Innovative Agriculture, Water and Environment Research.**

The Charles Sturt University Gulbali Institute focuses on increasing productivity for farmers, improving natural environments, sustainable aquatic systems, connecting with cultures and reducing risk in agricultural and environmental management.

We have a diverse team of passionate researchers from various disciplines and we pride ourselves on our interdisciplinary approaches. We are passionate to see a world where sustainable practices enhance, rather than constrain, productivity, creating a world worth living in.

Proud sponsors of the Gala Dinner, three years running.



**Charles Sturt  
University**

**Gulbali Institute**  
Agriculture Water Environment

## **KEYNOTE SPEAKER**

### **Dr Tim Jarvis AM**

Environmental scientist and adventurer

Known for his historically authentic recreations of the Antarctic survival journeys of Sir Douglas Mawson and Sir Ernest Shackleton, Tim is the Global Ambassador and Governor of environmental NGO WWF, Southern Ocean Ambassador to Save Our Marine Life and a Vice President of Flora and Fauna International. He received the Order of Australia in 2010 for services to the environment, community and exploration and has been named South Australia's Australian of the Year 2024, and has recently been appointed Professor of Leadership Practice at Edith Cowan University.



# BUS TIMETABLE

## Wednesday 30 October - Digital Agrifood Summit

TIME	ROUTE/TOUR	PICK UP LOCATION	DESTINATION	EVENT
7:30am	Route 1	Mercure 1 Morgan Street Wagga Wagga	Charles Sturt University	Digital Agrifood Summit
7:30am	Route 2	Mantra Pavillion 22 Kincaid Street Wagga Wagga	Charles Sturt University	Digital Agrifood Summit
7:40am	Route 1	Lawson Riverside 117 Tarcutta Street Wagga Wagga	Charles Sturt University	Digital Agrifood Summit
7:40am	Route 2	RSL Club 156 Kincaid Street Wagga Wagga	Charles Sturt University	Digital Agrifood Summit
7:50am	Route 1	St Hugh Hotel Bus stop Baylis St opp. Marketplace	Charles Sturt University	Digital Agrifood Summit
4:30pm	Route 1	Joyes Hall	Mercure Lawson Riverside St Hugh Hotel	Return to hotels
4:30pm	Route 2	Joyes Hall	Mantra Pavilion RSL Club	Return to hotels

## Wednesday 30 October - Gulbali Gala Dinner

TIME	ROUTE/TOUR	PICK UP LOCATION	DESTINATION	EVENT
6:00pm	Route 1	Mercure 1 Morgan Street Wagga Wagga	The Wild Vine	Gulbali Gala Dinner
6:00pm	Route 2	Mantra Pavillion 22 Kincaid Street Wagga Wagga	The Wild Vine	Gulbali Gala Dinner
6:10pm	Route 1	Lawson Riverside 117 Tarcutta Street Wagga Wagga	The Wild Vine	Gulbali Gala Dinner
6:10pm	Route 2	RSL Club 156 Kincaid Street Wagga Wagga	The Wild Vine	Gulbali Gala Dinner
6:15pm	Route 1	St Hugh Hotel Bus stop Baylis St opp Marketplace	The Wild Vine	Gulbali Gala Dinner
6:20pm	Route 1	CSU Riverina Playhouse 8 Cross Street Wagga Wagga	The Wild Vine	Gulbali Gala Dinner
9:30pm	Route 1	The Wild Vine	Mercure/Lawson CSU Playhouse St Hugh Hotel	Return to hotels
9:30pm	Route 2	The Wild Vine	Mantra Pavillion RSL Club	Return to hotels



## **CONFERENCE LOCATION**

Joyes Hall  
Pine Gully Road  
Charles Sturt University  
Wagga Wagga NSW 2678

## **CONTACT**

[das@saucecommunications.com.au](mailto:das@saucecommunications.com.au)

## **MORE INFORMATION**

[www.digitalagrifoodsummit.com.au](http://www.digitalagrifoodsummit.com.au)



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University



