



STOCKYARD
INDUSTRIES

Phone: 07 4697 3344 • Fax 07 4697 3532
www.stockyardindustries.com

NATIONAL Poultry

NEWSPAPER

Vol 1. No. 5 May 2018 National Poultry Newspaper PO Box 387 Cleveland 4163 Phone (07) 3286 1833 Fax (07) 3821 2637 Email ben@poultrynews.com.au



Georgina Townsend and Kylie Hewson (AgriFutures), Jojo Jackson (Australian Eggs), Tamsyn Crowley (Poultry Hub Australia) and Martin Krzywinski (staff scientist at Canada's Michael Smith Genome Sciences Centre) who presented at the Data Visualisation Workshop.

Poultry Hub is industry aligned and impact driven

POULTRY Hub Australia is the successor body to the Poultry CRC and is primarily industry funded.

PHA is located on the grounds of the University of New England in Armidale, NSW and began operating mid-2017.

As director of PHA, I have focused our efforts on establishing projects and initiatives in three key areas: to share knowledge, build capacity and create connections in the poultry industry.

We aim to achieve this through supporting research, developing education programs for schools and providing a range of poultry training options.

I have had the joyous task of meeting many new faces in the



by **TAMSYN CROWLEY**
Director



industry over the past year as well as catching up with others I have met during my years as a Poultry CRC researcher.

I have enjoyed meeting on farm, discussing industry issues and entertaining the innovative ideas that arise from these discussions.

Many of these great ideas shone through in our recent open call for research projects.

PHA's first open call for research set researchers with the task of formulating projects that are industry aligned and impact driven.

continued P3

Australian Eggs builds on Sustainability Framework

THE Australian public is increasingly interested in how their food is produced and agricultural industries have to be more transparent to build trust with them.

In response, Australian Eggs recently released a Sustainability Framework that forms a long-term commitment by the egg industry to transparent engagement with the community.

The Sustainability Framework process is being run by CSIRO researchers who will conduct comprehensive community research and analysis on the impacts and contributions of the egg industry across areas such as the environment, animal welfare, food security and livelihoods.

The CSIRO's findings will then be used to guide research and policy on industry issues and as a reference point for industry improvement.



by **ROWAN McMONNIES**
Managing Director



Conducting the process on a transparent basis will provide egg farmers with a better understanding of community attitudes and the community with a better understanding of the egg industry.

The spotlight on the industry will also provide greater accountability on the industry's objective of farming responsibly.

Australian Eggs has a role in facilitating the process but it is ultimately farmer driven.

The industry's objective is to farm eggs for all Australians in a way that is socially, environmentally and economically responsible and the Sustainability Framework brings this commitment to life.

This is a long-run process and the first steps will be small but within the year the Australian egg industry will have new, credible research

continued P2



Healthy hens feeding in a shed.



PIX | AMC
POULTRY INFORMATION EXCHANGE | AUSTRALASIAN MILLING CONFERENCE
3-5 JUNE 2018

Full program and workshop guide inside.

NEXT-GENERATION HIGH-PERFORMANCE FANS

AirMaster Blue 170C – profitability in climate control



- High performance
- Motorised shutter, making it airtight
- Can be connected and used as 24V emergency opening
- Non-corrosive materials
- Direct drive
- IP65 rated
- Quiet operation



www.stockyardindustries.com

sales@stockyardindustries.com

54 King Street, Clifton QLD 4361

07 4697 3344

www.porknews.com.au

Poultry Industry Calendar of Events

2018

MAY 15 - 16 – British Pig & Poultry Fair, Warwickshire, UK www.pigandpoultry.org.uk

JUN 3 - 5 – Poultry Information Exchange (PIX) and Australasian Milling Conference (AMC), PIX/AMC 2018, Gold Coast QLD www.pixamc.com.au

JUN 6 - 7 – Australasian Veterinary Poultry Association (AVPA) Conference, Gold Coast QLD www.pixamc.com.au/program/avpa/

JUN 18 - 20 – Mediterranean Poultry Summit, Torino, Italy www.mpn-wpsa.org

JUL 22 - 24 – Chicken Marketing Summit, Florida, US www.wattglobalmedia.com/chickenmarketingsummit

JUL 23 - 26 – Annual Poultry Science Association Meeting, Texas, US www.poultryscience.org/psa18/

SEP 17 - 21 – European Poultry Conference, Dubrovnik, Croatia www.epc2018.com

NOV 11 - 13 – Australian Veterinary Antimicrobial Stewardship Conference, Sunshine Coast QLD from 11th to 13th November 2018.

2019

FEB 12 - 14 – International Poultry Expo, Atlanta, US www.ippexpo.com

How to supply event details: Send all details to National Poultry Newspaper, PO Box 387, Cleveland, Qld 4163, call 07 3286 1833 fax: 07 3821 2637, email: ben@poultrynews.com.au

poultrynews.com.au

07 3286 1833



PIX|AMC
POULTRY INFORMATION EXCHANGE AUSTRALASIAN MILLING CONFERENCE
3-5 JUNE 2018

Australian Eggs builds on Sustainability Framework

• from P1

to share with the Australian public and provide an opportunity to engage more productively on industry issues.

The CSIRO's research will take place over an annual cycle of:

- Stakeholder engagement;
- Community surveys;
- Insight reporting; and
- Follow-up surveys.

The CSIRO will begin extensive stakeholder engagement in May 2018 and survey research is expected to commence in July.

CSIRO researchers will conduct surveys of the community across all states and territories and invite interested parties to participate.

The Sustainability Framework complements Australian Eggs' quality assurance scheme, Egg Standards of Australia.

ESA is about delivering consistently high standards across the industry and the Sustainability Framework outlines the process for continuous improvement.

A new approach to tackling salmonella

Australian Eggs is working with researchers from the CSIRO to find new beneficial bacteria that can be used to help control salmonella on layer farms.

Over the past six months, CSIRO scientists have been visiting egg farms across Australia to collect samples and sieve through the natural bacteria present to find beneficial bacteria that can inhibit salmonella.

These bacteria can produce a range of antimicrobial compounds and the goal of the project is to find new applications to utilise these bacteria to target and help eradicate salmonella on layer farms.

Thanks to advances in genetic technologies, the scientists will use cutting-edge scientific techniques to study these bacteria in detail that wasn't previously possible.

This will allow the researchers to understand what species the bacteria are and what mechanisms they can use to fight salmonella species.

This information will be used to develop a range of biocontrol applications that layer farmers can use to improve control of salmonella across the farm

and in flocks.

Bacteria are found in almost every environment on earth.

Though microscopic in size, these bacteria compete fiercely for space and nutrients and many bacteria have evolved ways to exclude their competitors from their environmental niches and even kill them.

Scientists have studied these bacteria for decades to develop ways to utilise the beneficial bacteria.

Probiotics are an example of a successful application – probiotics are 'good bacteria' that can inhibit 'bad bacteria' such as salmonella in the gut through addition into foods including yoghurts.

Many of the antibiotics used in modern medicine are naturally produced by bacteria to fight against their competitors and scientists can harness these to help treat bacterial infections.

Scientists are now looking for new ways to exploit these beneficial microbes to combat harmful bacteria.

So far, the results of sampling suggest bacteria capable of inhibiting salmonella are commonly found in the egg farm environment.

The researchers believe there is scope to further develop biocontrol cocktails using isolates collected combined with additional isolates held in the CSIRO collection.

The project is scheduled to run for 18 months.

Study of gut microbiota of laying hens

A collaborative research project conducted by the University of Adelaide, Central Queensland University and RMIT University (Melbourne) has started investigating the gut flora of laying hens from different production systems.

The research team is made up of the leading researchers in the field of poultry gut health in Australia.

First, the project aims to improve our understanding of the development of gut flora in pullets reared on the floor and in cages.

Second, the project aims to establish a baseline of gut flora in hens housed in free range and cage production systems to enable manipulation of dietary requirements for

optimal performance.

Maintenance or enhancement of gut health is not only essential for the welfare and productivity of animals but also food safety.

Most studies on the development and structure of gut microbiota have been conducted in broilers but laying hens have longer lifespans and require significantly different husbandry.

An understanding of the dynamics of how gut flora is developed during the bird's early life is critical to learning how best to regulate it for the benefit of gut health and ul-

timately hen health and productivity.

About Australian Eggs

Australian Eggs is a member-owned not-for-profit company providing marketing and research and development services for the benefit of Australian egg farmers.

Working together with the egg industry and the public by investing in programs that increase consumption and ensure industry sustainability.

All known Australian egg farmers are serviced

by Australian Eggs, irrespective of their size, location or farming system.

Australian Eggs is funded through statutory levies, collected under the Egg Industry Service Provision Act and Australian Government funds for the purposes of approved R&D.

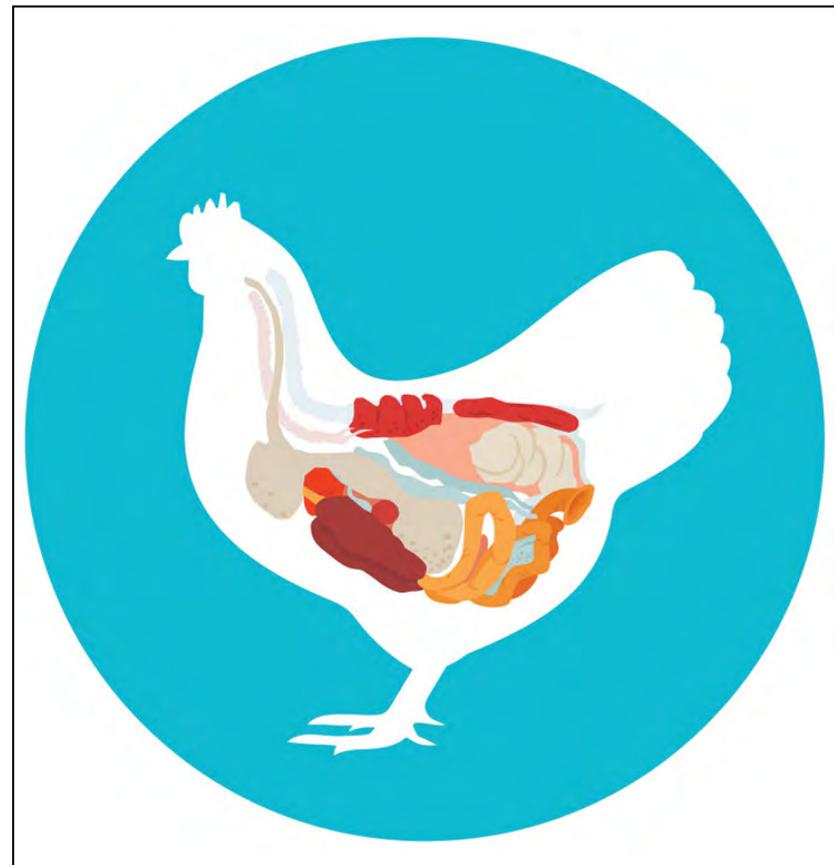
The funds distributed to Australian Eggs are invested in R&D and marketing programs and activities.

The Australian Government contributes one dollar for every dollar Australian Eggs spends on approved R&D.

www.australianeggs.org.au



Australian Eggs strives to deliver consistently high standards across the industry.



Poultry gut health is essential to efficient production.

Welcome from the editor of *National Poultry Newspaper*

HELLO and welcome to the inaugural edition of *National Poultry Newspaper*.

You might have found this paper in your mailbox or Poultry Information Exchange satchel (or email inbox if viewing online) and be wondering who we are and what we do.

We are a publishing

company based in the beautiful Redlands, Queensland and our aim is to provide chicken growers, egg farmers and those in the wider poultry industry with free and interesting monthly content including industry news, research advances and event coverage for the benefit of producers

Australia wide.

National Poultry Newspaper is and always will be a free publication designed as a medium for providing information to industry, and as such, if you are reading this and know someone who could benefit from receiving a monthly copy, let them

know they can sign up to receive the digital version online at poultrynews.com.au or call us on 07 3286 1833 to have the hard copy mailed to their door.

If you know of an upcoming event or product release you would like us to cover, please don't hesitate to get in touch by phone or email.

And to say g'day in person, keep an eye out for myself and the NPN team at the PIX/AMC event from June 3-5.

We'll be at the conference meeting and greeting as many industry members as possible, so we hope to see you there!

Ben Collins
Editor



A free range farm at Port Germein, SA.



Anne and Dion Andary.



A look inside the warehouse.

Long family history for Days Eggs

IN 1987, myself and my wife Anne commenced buying and distributing 50 boxes of eggs around Adelaide as Adelaide Egg Supply.

In order to personally identify the fledgling business, it was decided to use the name DAYS, originating from Dion, Anne, Yasmine and Sarah (Yasmine and Sarah being our two daughters) to create DAYS Adelaide Egg Supply.

The long-term vision was to modernise infrastructure with the emphasis on high-tech egg production equipment and dedicated focus on maximising hen welfare improvements.

The company rapidly expanded into production, packing and distribution of fresh eggs around South Australia.

It was in September 2006 that Days Eggs Pty Ltd was incorporated with the primary focus of providing South Australian retailers and consumers with the highest quality of affordable and locally produced eggs.

Though Days Eggs Pty Ltd started its journey in the egg industry of South Australia as a very small family owned business, we now have a dedicated team of over 90 employees and have egg industry best practice in the farming, grading and distribution of fresh eggs into local and interstate markets.

After substantial capital investment in new technology and automation over the past 10 years in eight locations around SA, we have now grown to



become South Australia's largest egg producer, providing premium-quality cage eggs, free range eggs and barn-laid eggs to all our customers throughout the state and interstate.

Since 2006, Days Eggs has focused on integrating our entire operation, from the receiving of day-old chicks to providing first-quality table eggs.

With over 480,000 hens currently in production, Days Eggs continues to expand its production base and will have more than 500,000 hens in production by 2019.

Food safety and animal welfare

The vision was 'not to be the biggest' but 'to be the best' at what we do.

Highest-quality, clean fresh eggs and best hen welfare have always remained as the focal point and the main driving force for Days Eggs.

The variety of egg production systems, caged, barn and free range in general terms, provides for a range of animal welfare and food safety outcomes.

The production systems have different animal welfare and food safety profiles and Days Eggs

supports and promotes each one.

Diverse production systems attract different cost profiles due to the different capital costs and the different biosecurity controls.

And with the diversity in non-caged production methods, labour, food safety and predator risks associated primarily with hens having access to outdoor areas can be problematic.

These production costs are reflected in different farm gate, wholesale and retail prices between caged, barn and free range eggs.

Hart Rd Egg Packing & Distribution Centre

In January 2018, Days Eggs expanded its grading

and warehouse capacity at the Hart Rd, Lower Light factory, installing a new egg grading complex and installing and commissioning a new high-speed, large-volume computerised egg grading machine.

Currently the machine has the capacity to grade 126,000 eggs per hour and is the first of this model machine in Australia.

It also includes a UV sanitiser, an inline washing and liquid sanitising plant and egg and oiling stamping plant.

The new expansion also combined an 800-pallet warehouse and distribution load-out facility.

Days Eggs operations in South Australia also provides support for additional businesses, supplying stock feed, transport packaging and general supplies to the continuing and expanding production capability.

We are proud to be a national leader in the new era of a rapidly modernising egg industry in Australia.

Dion Andary
Days Eggs Managing Director

ABOUT DAYS EGGS

Days Eggs Pty Ltd is the principal egg producer in South Australia.

The company is managed by Dion Andary as managing director and Anne Andary (sales & technical manager).

Dion is also president of Commercial Egg Farmers Association of South Australia and Tasmania and represents SA and Tasmanian egg farmers as one of five directors of Egg Farmers of Australia.



The new grading machine at Hart Rd, Lower Light, SA.

Join the NPN email list to receive your FREE digital paper!



www.poultrynews.com.au

It's not about what came first. It's about what comes next.

For over 50 years, Australia's egg farmers have trusted SBA's quality layers to keep their egg supply moving. We're Australia's largest specialist supplier for a reason: our genetically superior Hy-Line and Lohmann day-old chicks and point-of-lay pullets are bred in the world's most advanced facilities. And we are still investing in superior biosecurity, logistics and genetics to protect the future of our food security – and support your farm at every stage, from chicken to egg.

With SBA as your production partner, you can have confidence in what comes next.

WWW.SPECIALISEDBREEDERS.COM.AU



SPECIALISED BREEDERS AUSTRALIA



New free range egg laws have come into effect

FOR years consumers buying free range eggs have been left confused by standards not necessarily clear or easy to understand.

But now that's changed. Since Thursday, April 27, all free range egg producers in Australia are now bound by a new information standard, applied under Australian Consumer Law.

It's an enforceable policy, meaning the Australian Competition and Consumer Commission can prosecute producers who break the rules.

But what's in the new standard, and what does it mean for consumers?

Here's what you need to know.

Free range has to mean free range

Essentially, the new rules are aimed at making free range egg producers live up to their label.

Hens must have "meaningful and regular access" to an outdoor range during daylight hours,

and be free to roam and forage outside.

There's also a maximum stocking density, which dictates how many hens are allowed per square metre of outdoor space.

Egg producers can run a maximum of 10,000 hens per hectare of land in order to be accredited as 'free range' – that's the equivalent of one hen per square metre.

Producers must also 'prominently state' their stocking density on egg cartons.

Unpackaged eggs, like those sold at farmers' markets, must be accompanied by signage with the stocking density printed on it.

How does the new stocking density stack up internationally?

The 10,000 hens per hectare allowance is higher than that already used by some producers, and will allow more birds to be farmed per square metre.

It's also much higher

than stocking densities proposed by the Primary Industries Ministerial Council model code of practice, published by the CSIRO, which recommends just 1500 hens per hectare.

That figure has the backing of the RSPCA, who say the density figure could be raised to 2500 hens in rotational systems.

Overseas, standards vary for egg producers.

In the US for instance, 'free range' simply means hens have access to the outdoors.

In Europe, however, there is a maximum outdoor stocking density of 2500 hens per hectare, with some exceptions.

Do producers have to do anything else to comply with the new rules?

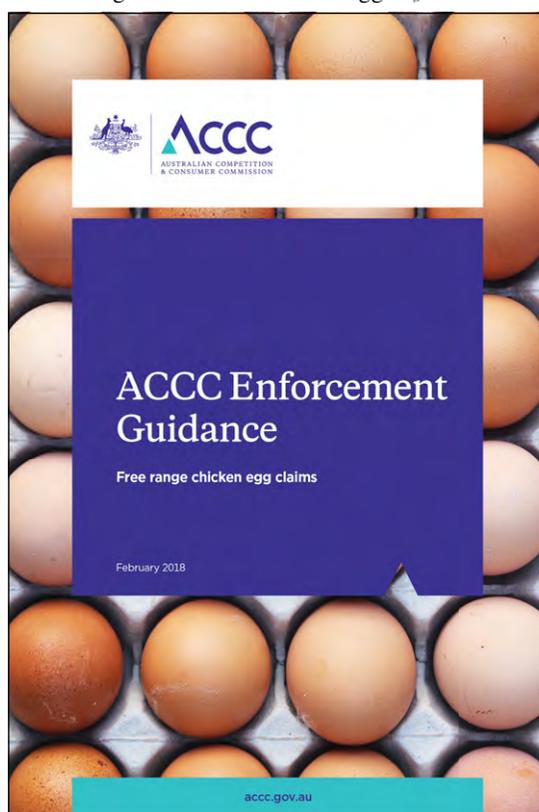
Images, as well as words, will be taken into account when producers are marketing their eggs.

If a producer uses a picture that implies their eggs are free range when they're not, they could

be prosecuted for misleading and deceptive conduct.

The ACCC says it's monitoring the mar-

ket and will take action against any producers who make untruthful or inaccurate claims about their eggs.



National voice for QLD egg producers



by JOHN COWARD
CEO

QUEENSLAND United Egg Producers Pty Ltd represents the interests of the majority of egg production in Queensland across all production systems.

Members are located from north Queensland's Atherton Tablelands down the coast to Townsville, Rockhampton, Hervey Bay, the Sunshine Coast, regional Brisbane and the Darling Downs.

QUEP provides a voice for egg producers to be better engaged with regulators and their ministers, and through QUEP's supply of a director to sit on the Egg Farmers of Australia Board, also aligns Queensland with a national representative platform.

QUEP holds membership with Queensland Farmers' Federation to provide members a collective voice with other intensive livestock industries.

QFF is working on issues across many agricultural practices including power costs, water and development and planning approvals to name a few.

As CEO of QUEP, I encourage any egg producer to contact me to discuss the benefits and costs of membership.

Currently members are represented on a number of government and industry teams

dealing with a range of issues including safe food production, hen biosecurity and the development of new regulations around the various production systems and the formulation of the new standards and guidelines set to replace the current Model Code of Practice for the Welfare of Poultry.

While not an egg farmer myself, I have had more than 40 years' experience across animal production and the regulations imposed on farming and food processing.

As egg farming faces the increasing attention of animal activists, there has never been a more important time to consider becoming a QUEP member, providing you and your business a portal in the development of new standards and regulations.

Having a collective voice is what QUEP needs when talking on industry's behalf.

QUEP endorses the production and monthly release of *National Poultry Newspaper* and wishes all involved in its launch the very best.

It will provide the industry a valuable source of information and connectivity, whether cage, barn or free range egg farms or support businesses.



Your partners in intensive animal production

✓ Animal Health Products

✓ Pest Control

✓ Litter Beetle Sprays

✓ Biosecurity & Farm Hygiene

✓ Supplements

✓ Fast service delivery



Exclusive Australian Distributors
for Dox-Al Italy

– Leaders in dustless BMP technology

CUSTOMER SERVICE & ORDERS

1300 791 009

ccdsales@ccdanimalhealth.com.au



PIX|AMC
POULTRY INFORMATION EXCHANGE AUSTRALASIAN MILLING CONFERENCE
3-5 JUNE 2018

Australia's foremost poultry and milling industry conference is set to return to the Gold Coast in 2018 for the biggest and best event yet!

GOLD COAST CONVENTION & EXHIBITION CENTRE
QUEENSLAND, AUSTRALIA

Aussie farming jobs to boom by 2024

IT'S a great time to train for a career in agriculture, according to a study by the National Centre for Vocational Education Research.

Minister for Agriculture David Littleproud welcomed the findings, which list managerial jobs, including farm managers, as the sector that will have the second-most number of job openings by 2024 – 10,100 per year or almost 81,000 total.

“The future looks bright for a job in agriculture,” Minister Littleproud said.

“Farmers are the backbone of our regional communities, supporting local jobs and the social fabric of our towns.

“As farming gets more mechanised, so will the associated jobs.

“People with IT expertise, business savvy and specialised skills will be more and more in demand in and around farms.

“Farmers have al-

ways been natural innovators, and advances in science, drones and smart devices are now playing key roles in making our farms more efficient and profitable.

“The good news is innovation and technology look set to create more jobs on our farms, not less.”

The Government is working with industry to ensure full advantage is taken of these job opportunities, investing in research and development to improve farm-gate productivity and profitability.

“Through our free-trade agreements we are also opening up new markets for our produce, creating more jobs and helping to lift our agriculture sector towards being a \$100 billion industry by 2030,” Minister Littleproud said.

The National Centre for Vocational Education Research report can be accessed at nver.edu.au



WA teachers to head on-farm with innovative new program

IN a bid to help bridge the urban-rural divide, a new program will give educators from across Western Australia the opportunity to spend time on-farm, learning first-hand from some of the state's most innovative farmers about technology advancements in food and fibre production.

Developed to enhance the knowledge, practical skills and networks of those teaching agriculture, science, technology, engineering and mathematics and digital technology subjects at high school, the Teacher Farm Experience Program is open to educators across the state who are keen to adopt the latest learnings in food and fibre production into their teaching programs.

TeacherFX is a joint initiative of Rabobank's WA Client Council – a group of the bank's farming clients who meet to discuss issues and implement initiatives to contribute to the sustainability of rural communities – and CQ-University Australia.

It will provide the opportunity for up to 50 educators to take part in a two-day professional development program from July 23 to 24 this year.

Staying with farming families in the Narrogin region, the teachers will visit horticulture, broadacre cropping and livestock

enterprises, with each farm showcasing their up-take of new technologies and sustainability practices.

The second day of the program will extend on-farm learning with hands-on workshops run by industry professionals on various digital technologies, including the use of GPS in the livestock sector.

Rabobank regional manager for Western Australia Crawford Taylor said by immersing the teachers in farm life and giving them a look at the latest advancements in food and fibre production, it was hoped their interest, passion and understanding of agriculture would increase and rub off on their students.

“One of the big challenges for the ag sector, and an issue that has been identified by Rabobank's Client Councils, is bridging the urban-rural divide and attracting youth into agriculture,” Mr Taylor said.

“To address this, Rabobank has been running a Farm Experience Program since 2014, which has seen more than 150 city teens from across Australia spend a week living with farming families to learn about food and fibre production.

“We are now taking this one step further with TeacherFX, with the goal

being that each teacher attending the program will return to school and share the learnings and insights with the 30 or so students taking their class.

“We are also planning to showcase the technological advancements being made in the agricultural sector, as technology makes agriculture a very exciting and savvy industry for the next generation of farmers, scientists, conservationists, agricultural engineers, consultants, innovators and other agribusiness professionals to be involved in.”

CQUni senior research officer in agri-tech education and innovation Dr Amy Cosby said the university was excited to be providing professional support for the program's development, the materials and resources to apply the learnings into the classroom, and evaluation measures to record the success of the program.

“We hope that by equipping teachers with the practical tools and skills to incorporate the learnings into the Western Australian digital technology and STEM curriculum, it will see students increasingly take up these subjects and perhaps stimulate their interest in studying these fields at university or college,” Dr Cosby said.

Rabobank WA Regional Client Council co-chair

Veronica Davies said the program is the first of its kind for teachers in WA and there are plans to roll it out in other parts of Australia.

“Once we have the first TeacherFX up and running, we are aiming to roll out the program more broadly, both geographically but also in terms of the material covered, so it can focus on technology and innovation in specific sectors such as wine grapes, beef or grain,” Ms Davies said.

Ms Davies urged all teachers, regardless of what stage they are in their career, to take the opportunity and apply for a place in the inaugu-

ral TeacherFX.

“In WA, TeacherFX will be a valuable contribution towards each teacher's personal development plan and we see this has great potential to build the capacity of educators across the country,” she said.

Funded by Rabobank's WA Client Council, Ms Davies said there is no charge for teachers to attend the two-day program, with meals, accommodation and return bus transport from Perth included.

Applications are open until June 15, 2018 via teacherfx.com.au or by contacting Dr Amy Cosby on 0405 824 112 or a.cosby@cqu.edu.au



Rabobank regional manager for WA, Crawford Taylor.

POULTRY EQUIPMENT & PARTS SUPPLY



VISIT US AT PIX
BOOTHS
184-189



PETER MATHEWS
AAS

“
Visit the AAS team
at PIX to see
working equipment
and meet
representatives
from our suppliers
”



JERRY BAILEY-WATTS
Potters Poultry



TIM HODGETTS
EmTech



WEBSITE: WWW.AUSAGSERVICES.COM.AU PHONE: 07 3829 3242 EMAIL: PETER@AUSAGSERVICES.COM.AU



PIX | AMC
POULTRY INFORMATION EXCHANGE | AUSTRALASIAN MILLING CONFERENCE
3-5 JUNE 2018

Australia's foremost poultry and milling industry conference is set to return to the Gold Coast in 2018 for the biggest and best event yet!

**GOLD COAST CONVENTION & EXHIBITION CENTRE
QUEENSLAND, AUSTRALIA**

WWW.PIXAMC.COM.AU



@PIXAMC2018



PIX/AMC 2018 primed for a cracker event

Supply Chain Opportunities – Farmers to Consumers

THE biennial Poultry Information Exchange and Australasian Milling Conference is the biggest and most important poultry and milling conference in the Australasian region.

PIX/AMC 2018 will be held at the Gold Coast Convention and Exhibition Centre from Sunday, June 3 to Tuesday, June 5, 2018.

'Supply Chain Opportunities – Farmers to Consumers' is the theme of this year's conference.

The PIX/AMC 2018 program will feature three days filled with the latest in innovation and information, with knowledgeable industry personnel from both Australia and overseas attending.

The program is streamed into chicken meat, egg production, free range and organic farming, flour milling and feed milling

for all livestock species, including beef, dairy, pigs and others.

There will be topics of interest for each and every delegate.

Workshops on numerous special-interest areas encompassing all aspects of the poultry industry will also be on offer.

For the more technically minded, the Australasian Veterinary Poultry Association will again be holding a scientific meeting directly after the conference.

A highlight of the conference will be the trade display area, which is the industry's largest and most extensive.

Made up of over 200 booths, exhibitors will be on hand to demonstrate their latest products and equipment.

For more information and to buy tickets today, visit pixamc.com.au

Guest speakers



Mike Keogh – Australian Competition and Consumer Commission

MIKE Keogh is a leading agricultural analyst and former Australian Farm Institute executive director.

Mr Keogh works with the Australian Competition and Consumer Commission's Agriculture Enforcement and Engagement Unit, a 12-member team that's been operating since late-2015 to identify competition and

fair-trading issues in the agricultural sector.

On Australia Day 2015, Mr Keogh was honoured with a medal of the Order of Australia for his services to agriculture and regional development.

Mr Keogh has played a major role in informing policy direction for Australia's agricultural industries.

PIX PROGRAM

SUNDAY, 3 JUNE 2018		
0900-1730	REGISTRATION	
1200-1700	EXHIBITION TRADE DISPLAY INCLUDING LUNCH - Halls 1-4, Exhibition Hall, Ground Floor	
1830-2230	PIX WELCOME DINNER 6:30PM PRE-DINNER DRINKS FOR 7:00PM DINNER - Arena 2, Ground Floor Proudly partnering with International Animal Health Products Pty Ltd	
MONDAY, 4 JUNE 2018		
0800-1730	REGISTRATION AND EXHIBITION TRADE DISPLAY	
0900-1030	SUPPLY CHAIN OPPORTUNITIES - FARMERS TO CONSUMERS CONFERENCE OPENING - Arena 1B, First Floor Chair: Wayne Bradshaw	
0900-0930	Supply chain opportunities – Lessons learnt from comparing beef and poultry industries - David Foote, Australian Country Choice	
0930-1000	Supply chain competition - Fairness from farmer to consumer - Mick Keogh, Australian Competition and Consumer Commission	
1000-1030	Supply chain opportunities - Innovation in the energy value chain with opportunities from the farmer to the consumer - Steve Lennon, Shanduvan Pty Ltd	
1030-1100	MORNING TEA - Exhibition Hall, Ground Floor	
1100-1230	PIX PLENARY SESSION - Arena 1B, First Floor Chair: Peter Mathews - Proudly partnering with Elanco	
1100-1130	Strategic decisions for the consumer of the future - Paul Higgins, Emergent Futures	
1130-1200	The emerging role of research and development corporations in community engagement - Rowan McMonnies, Australian Eggs (AECL)	
1200-1230	Responsible use of antibiotics in food animals - Dr Shabbir Simjee, Elanco	
1230-1400	LUNCH - Exhibition Hall, Ground Floor	
1400-1530	EXHIBITION TRADE DISPLAY (CHICKEN MEAT FOCUS) Halls 1-4, Exhibition Hall, Ground Floor	CONCURRENT WORKSHOPS
1400-1430		Breeder Workshop - Dr Orlando Fernandez, Cobb Vantress Meeting Room 1, First Floor Chair: Guy Holcroft
1430-1500		Hatchery Workshop - Eddy van Lierde, Aviagen Meeting Room 2, First Floor Chair: Sarah Haberecht
1500-1530		EGG SESSION - TRENDS IN NUTRITION Meeting Rooms 5-6, First Floor Chair: David Cadogan
1530-1600	AFTERNOON TEA - Exhibition Hall, Ground Floor	
1600-1730	CHICKEN MEAT SESSION - ENERGY AND RESOURCES Arena 1B, First Floor Chair: Rachele Osmond	EXHIBITION TRADE DISPLAY (EGG FOCUS) Halls 1-4, Exhibition Hall, Ground Floor
1600-1630	Poultry waste - Power, products & profitability - Euan Beamont, Energy Farmers Australia	
1630-1700	Using in-shed sprinklers in poultry sheds - Dr Mark Dunlop, Department of Agriculture and Fisheries	
1700-1730	Risk and opportunities, alternative energy - Adrian Dawson, CSIRO	
TUESDAY, 5 JUNE 2018		
0700-0820	PIX AND AMC INDUSTRY BREAKFAST - Arena 2, Ground Floor - Proudly partnering with Ridley	
0830-1630	REGISTRATION AND EXHIBITION TRADE DISPLAY	
0900-1030	CHICKEN MEAT SESSION - PRODUCTION OPPORTUNITIES Arena 1B, First Floor Chair: Andrew Walsh Proudly partnering with Ingham's	EGG SESSION - MANAGING THE ENVIRONMENT AND WELFARE Meeting Rooms 5-6, First Floor Chair: Dr Santiago Ramirez
0900-0930	Physiology and environmental stressors - Professor Malcom Mitchell, Scotland's Rural College	Environmental guidelines update for the egg industry - Eugene McGahan, Eugene McGahan Consulting
0930-0950	Economic responses to dietary amino acid allowances for broilers - Professor Sergio Vieira, Federal University of Rio Grande do Sul	Successful rearing for a good production in laying period - Dr Paul Grignon Dumoulin, Hendrix Genetics
0950-1010	Antibiotic reduction - A UK perspective - Alan Parnham, Inghams Group Limited	Resilient vegetative cover for range - Dr Carolyn De Koning, PIRSA
1010-1030	Review of the National Farm Biosecurity Manual for chicken growers - Dr Kylie Hewson, AgriFutures, Australian Chicken Meat Federation	Implications of the New Poultry Egg Welfare Standards and Guidelines - John Dunn, Egg Farmers of Australia
1030-1100	MORNING TEA - Exhibition Hall, Ground Floor	
1100-1230	CHICKEN MEAT SESSION - FOOD SAFETY AND BIRD WELFARE Arena 1B, First Floor Chair: Gavin Lavers Proudly partnering with Zoetis	EGG SESSION - MANAGEMENT OF BARN AND FREE RANGE HENS Meeting Rooms 5-6, First Floor Chair: Ken Bruerton
1100-1130	Broiler ventilation requirements in response to higher welfare standards - Bernard Green, Aviagen	Coccidiosis management in aviary rearing systems - Dr Susan Bibby, Specialised Breeders Australia
1130-1150	Food safety in the chicken meat industry - Dr Kapil Chousalkar, University of Adelaide	Nutritional management of free range laying hens - Dr Isabelle Ruhnke, University of New England
1150-1210	Antimicrobial resistance in food producing animals: Why is it different in Australia? - Dr Sam Abraham, Murdoch University	Update on spotty liver management 1 - Professor Michael Kotiw and Dr Jodi Courlice, University of Southern Queensland
1210-1230	Ranging behaviour and welfare - Dr Peta Taylor, University of New England	Update on spotty liver management 2 - Dr Peter Scott, Scolexia Pty Ltd, Animal and Avian Health Consultancy
1230-1330	LUNCH - Exhibition Hall, Ground Floor	
1330-1530	PIX CLOSING SESSION - Arena 1B, First Floor	
1330-1400	Nuffield Report	
1400-1530	Animal Welfare: Present and Future Panel Discussion	
1530-1600	AFTERNOON TEA - Hall Foyer 2, Ground Floor	
1600	CONFERENCE CLOSE	



AMC PROGRAM

SUNDAY, 3 JUNE 2018		
0900-1730	REGISTRATION	
1200-1700	EXHIBITION TRADE DISPLAY INCLUDING LUNCH - Halls 1-4, Exhibition Hall, Ground Floor	
1830-2230	AMC WELCOME DINNER 6:30PM PRE-DINNER DRINKS FOR 7:00PM DINNER - Meeting Rooms 5-7, First Floor Proudly partnering with International Animal Health Products Pty Ltd	
MONDAY, 4 JUNE 2018		
0800-1730	REGISTRATION AND EXHIBITION TRADE DISPLAY	
0900-1030	SUPPLY CHAIN OPPORTUNITIES - FARMERS TO CONSUMERS CONFERENCE OPENING - Arena 1B, First Floor Chair: Wayne Bradshaw	
0900-0930	Supply chain opportunities - Lessons learnt from comparing beef and poultry industries - David Foote, Australian Country Choice	
0930-1000	Supply chain competition - Fairness from farmer to consumer - Mick Keogh, Australian Competition and Consumer Commission	
1000-1030	Supply chain opportunities - Innovation in the energy value chain with opportunities from the farmer to the consumer - Steve Lennon, Shanduvan Pty Ltd	
1030-1100	MORNING TEA - Exhibition Hall, Ground Floor	
1100-1200	EXHIBITION TRADE DISPLAY (AMC FOCUS) - Halls 1-4, Exhibition Hall, Ground Floor	
1200-1315	LUNCH - Exhibition Hall, Ground Floor	
1315-1530	SPOTLIGHT ON SUPPLY CHAIN COMPONENTS - AMC PLENARY AND PANEL SESSION - Meeting Rooms 7-8, First Floor Chair: David Bray	
1315-1330	Transparency in foods - Implications for the supply chain - Dr Geoffrey Annison, Australian Food and Grocery Council	
1330-1345	Our International milling supply chain - Elmar Nau, Interflour Group, SINGAPORE	
1345-1400	Domestic grain and oilseed supply chain opportunities and obstacles - Penne Kehl, Cargill Australia	
1400-1415	A Supply Chain Project: Success in driving effective supply chains throughout Southern Queensland - Shane Charles, TSBE & Food Leaders Australia	
1415-1430	Issues, challenges and opportunities in a pork value chain - The SunPork experience - Professor Robert Van Barneveld, SunPork Group	
1430-1530	Panel Session	
1530-1600	AFTERNOON TEA - Exhibition Hall, Ground Floor	
1600-1730	FEED MILLING - MEETING SUPPLY CHAIN DEMAND Meeting Room 7, First Floor Chair: John Spragg	FLOUR MILLING - MEETING SUPPLY CHAIN DEMAND Meeting Room 8, First Floor Chair: Peter Cobb
1600-1630	Supply chain opportunities and challenges: A global feed industry perspective - Alexandra de Athayde, International Feed Industry Federation, GERMANY	Where we have come from, where we are going - Elmar Nau, Interflour Group, SINGAPORE
1630-1700	IFIF Sustainability Project (SFIS Project) - Philippe Becquet, DSM Nutritional Products Europe Ltd, SWITZERLAND	Building the USA's newest flour mill, including innovative milling solutions - Sunil Maheshwari, Siemer Milling Company, UNITED STATES OF AMERICA
1700-1730	Dairy Industry - An opportunity for growing feed use? - Dr Ian Lean, Cow's R Us / Scibus	
1730	SESSION CLOSE	
1830-1900	PRE-DINNER DRINKS - Foyer outside Arena 2, Ground Floor	
1900-2300	CONFERENCE DINNER - Arena 2, Ground Floor - Proudly partnering with Agricultural Appointments	
TUESDAY, 5 JUNE 2018		
0700-0820	PIX AND AMC INDUSTRY BREAKFAST - Arena 2, Ground Floor - Proudly partnering with Ridley	
0830-1630	REGISTRATION AND EXHIBITION TRADE DISPLAY	
0900-1030	CHICKEN MEAT SESSION - PRODUCTION OPPORTUNITIES Arena 1B, First Floor Chair: Andrew Walsh Proudly partnering with Ingham's	EGG SESSION - MANAGING THE ENVIRONMENT AND WELFARE Meeting Rooms 5-6, First Floor Chair: Dr Santiago Ramirez
0900-0930	Physiology and environmental stressors - Professor Malcom Mitchell, Scotland's Rural College	Environmental guidelines update for the egg industry - Eugene McGahan, Eugene McGahan Consulting
0930-0950	Economic responses to dietary amino acid allowances for broilers - Professor Sergio Vieira, Federal University of Rio Grande do Sul	Successful rearing for a good production in laying period - Dr Paul Grignon Dumoulin, Hendrix Genetics
0950-1010	Antibiotic reduction - A UK perspective - Alan Parnham, Inghams Group Limited	Resilient vegetative cover for range - Dr Carolyn De Koning, PIRSA
1010-1030	Review of the National Farm Biosecurity Manual for chicken growers - Dr Kylie Hewson, AgriFutures, Australian Chicken Meat Federation	Implications of the New Poultry Egg Welfare Standards and Guidelines - John Dunn, Egg Farmers of Australia
1030-1100	MORNING TEA - Exhibition Hall, Ground Floor	
1100-1230	CHICKEN MEAT SESSION - FOOD SAFETY AND BIRD WELFARE Arena 1B, First Floor Chair: Gavin Lavers Proudly partnering with Zoetis	EGG SESSION - MANAGEMENT OF BARN AND FREE RANGE HENS Meeting Rooms 5-6, First Floor Chair: Ken Bruerton
1100-1130	Broiler ventilation requirements in response to higher welfare standards - Bernard Green, Aviagen	Coccidiosis management in aviary rearing systems - Dr Susan Bibby, Specialised Breeders Australia
1130-1150	Food safety in the chicken meat industry - Dr Kapil Chousalkar, University of Adelaide	Nutritional management of free range laying hens - Dr Isabelle Ruhnke, University of New England
1150-1210	Antimicrobial resistance in food producing animals: Why is it different in Australia? - Dr Sam Abraham, Murdoch University	Update on spotty liver management 1 - Professor Michael Kotiw and Dr Jodi Courtice, University of Southern Queensland
1210-1230	Ranging behaviour and welfare - Dr Peta Taylor, University of New England	Update on spotty liver management 2 - Dr Peter Scott, Scolexia Pty Ltd, Animal and Avian Health Consultancy
1230-1330	LUNCH - Exhibition Hall, Ground Floor	
1330-1530	PIX CLOSING SESSION - Arena 1B, First Floor	
1330-1400	Nuffield Report	
1400-1530	Animal Welfare: Present and Future Panel Discussion	
1530-1600	AFTERNOON TEA - Hall Foyer 2, Ground Floor	
1600	CONFERENCE CLOSE	



Steve Lennon – director, Shanduvan Pty Ltd

STEVE Lennon has more than 30 years' experience in the power sector.

He is recognised as an international expert in energy and technological innovation, with specialist knowledge in sustainability, climate change, energy planning and strategy and non-renewable and renewable energy and networks.

Steve is a director of South Africa's Technology Innovation Agency, Fusion Energy Holdings

(a diversified clean energy business), Shanduvan Pty Ltd (a niche energy sector advisory business) and SolaJoule Pty Ltd (a solar water pumping and lighting business).

He is also president of the United Nations Association of Australia in WA, dealing with human rights, women's equality, environment, sustainable development goals and youth global citizenship.



David Foote – group managing director, Australian Country Choice

FOR over 30 years, David Foote has held executive and senior management positions across all mainland states in areas of rural property management, beef cattle and sheep, meat retailing and processing and exporting of primary products such as meat, grain and fodder.

David has been chief executive officer at the Australian Country Choice group of Companies since 2002 and group managing director since 2015.

Headquartered in Brisbane and employing over 1400 staff across Queensland, the private family owned Australian Country Choice operates Australia's largest vertically integrated beef supply chain; encompassing cattle breeding, cattle

growing and feedlotting to supply its integrated food processing facility in Brisbane that incorporates beef slaughter, beef boning, value-adding and shelf-ready, retail-ready packing.

Away from his ACC group duties, David represents beef and pastoral industry interests in his role as chairman of the Board of Directors at Australian Cattle and Beef Holdings Pty Ltd, Board member of Workplace Health and Safety Queensland, chairman of Queensland Manufacturing Industry Standing Committee, chairman of the Australia – Indonesia Red Meat and Livestock Market Access Group and deputy chairman of the China red meat working group.

Australasian Agricultural Services proud to be a Platinum Sponsor

AUSTRALASIAN Agricultural Services is proud to be a Platinum Sponsor of PIX 2018 along with our premium cage free equipment supplier Potters Poultry and hatchery equipment supplier EmTech.

Both suppliers share our values of working with our customers as partners.

We are a family business with values you can depend on and equipment to help your operation thrive.

Founded by Peter Mathews in 2001, Australasian Agricultural Services, known as AAS, supplies poultry farming and hatchery equipment to operations within Australia, New Zealand, Papua New Guinea and the Pacific Islands.

Based in Brisbane, the AAS team has 40-plus years of experience in



for the rearing and production of birds for cage-free eggs is based on over 21 years' experience in making aviary systems.

Tim Hodgetts will be at PIX representing EmTech.

Since its launch in 2015, EmTech Hatchery Systems Ltd has cemented itself as a leading supplier in incubation systems and hatchery ventilation.

With a wealth of knowledge and a collective experience of over 25 years, EmTech recognises the importance of getting the best results.

Not only from your new equipment, but from your existing systems too.

With clients such as Hy-Line, Aviagen and Bromley Park in its portfolio, EmTech's rapid rise to success is a testament to the excellent quality and performance of its equipment.

We will have working equipment on our stand including the Cumberland Edge controller, Evolution 4000 and Evolution 1200 controllers, the Rotem Platinum controller, feeders, drinkers, Reclaimer Fan, Potters Poultry Nests, Plasson equipment and much more.

Visit the AAS stand at PIX, booth numbers 184-189.

PIX runs from June 3 to 5 at the Gold Coast Convention and Exhibition Centre.

setting up new operations, upgrades and expansions.

Our network of suppliers guarantees we can supply the best fit for your requirements and environment.

We have equipped farms with capacities from 50 birds to 500,000 birds.

Recently completed projects include a free-range egg farm setup in northern NSW, a hatchery expansion in New Zealand and several broiler upgrades and

a new farm facility in South Australia.

Jerry Bailey-Watts will be at PIX representing Potters Poultry, a premium cage-free equipment supplier with over 50 years' experience in pullet rearing and egg production.

The Potters Poultry equipment range includes Avinest automatic nest systems for breeding and laying, mobile hoop houses and aviary systems.

The design of Potters Poultry aviary systems



The Australasian Agricultural Services stand at a previous PIX event.

AgriFutures Horizon Scholar pecks the surface of agtech start-up

AGRIFUTURES Horizon Scholar Xavier Burton chose to complete his annual industry work placement at the innovative poultry start-up MimicTec and was given the unique opportunity to see the workings behind a successful agtech business.

Robo-chicks, investor meetings and veterinary science were just some of the things Xavier experienced at his annual industry work placement at MimicTec.

Xavier studies a Bachelor of Agriculture at the University of Melbourne and chose MimicTec to complete his work placement to get a deeper insight into the functioning of an agtech start-up.

MimicTec, co-founded by Eleanor Toulmin and Sarah Last, is an agtech start-up looking at improving the productivity of poultry farming.

Their physical product is a mother hen imitation device to reduce stress in poultry chicks up to the natural weaning age of three weeks.

The artificial mother hen produces heat, encouraging chicks to bond with it, providing comfort and creating healthier, happier chicks.

Xavier had the chance to experience the business side of the start-up, with headquarters located in Melbourne, and was also lucky enough to check out the poultry sheds in Bendigo, Victoria.

"I was able to observe the broiler growing shed facilities, which was an eye-opening experience," Xavier said.

"Having the chance to observe an operation like this has been one of the

biggest highlights of my agricultural career."

Networking and meeting industry professionals are key outcomes of the work placement component of the AgriFutures Horizon Scholarship.

Xavier met with poultry professionals and investors and also sat in on business meetings, which gave him the opportunity to learn the fundamentals of business relationship development.

"As the internship progressed, the opportunities that arose to experience business relationships allowed me to realise that having great communication skills, as Eleanor and Sarah do, is essential in developing momentum behind a start-up," Xavier said.

The internship was an educational experience for Xavier, who said he now realises it takes a lot more than a good idea for a start-up to be successful.

"From what I observed at MimicTec, I now know

that it takes not only an original and innovative idea, but also superb business skills, excellent organisation and an ability to be opportunistic by utilising everything that comes your way to grow a successful idea," he said.

"I observed all of this at MimicTec and I believe these are the fundamental reasons it is going to do a lot of good for the modern poultry industry."

The AgriFutures Horizon Scholarship is an initiative supporting students enrolled in full-time study at an Australian university.

Students must be studying an agriculture-related degree or a degree in science, technology, engineering, maths/finance (STEM) with major studies and subject selections that align to agriculture.

Travel and accommodation to approved work placement is included as part of the scholarship.

www.agrifutures.com.au



AgriFutures Horizon Scholar Xavier Burton. Photo: theland.com.au



PIX | AMC
POULTRY INFORMATION EXCHANGE | AUSTRALASIAN MILLING CONFERENCE
3-5 JUNE 2018

GOLD COAST CONVENTION & EXHIBITION CENTRE
QUEENSLAND, AUSTRALIA

WORKSHOPS

MONDAY, 4 JUNE 2018

1400-1530	BREEDER WORKSHOP Meeting Room 1, First Floor Chair: Guy Holcroft	HATCHERY WORKSHOP Meeting Room 2, First Floor Chair: Sarah Haberecht
	Improvements in Breeder Management Dr Orlando Fernandez, Cobb Vantress	Improvements in Hatchery Management Eddy van Lierde, Aviagen

WEDNESDAY, 6 JUNE 2018

0800-1500	REGISTRATION	
0900-1500	GARY SANSOM BROILER WORKSHOP The Thermal Neutral Zone of the Broiler Meeting Room 6, First Floor	EGG INDUSTRY WORKSHOP Design and Managing of Aviary Systems Meeting Room 9, First Floor
0900-1030	Session 1: Introduction to the thermal neutral zone and managing the environment - Bernard Green (Aviagen)	Session 1: System design/adaptations - Alex Welbergen (Vencomatic), Tim Smith (Specialised Breeders Australia) and Isabelle Ruhnke (University of New England)
1030-1100	MORNING TEA - Foyer Area, First Floor	
1100-1230	Session 2: Water, feed, bird behaviour and how the bird responds to environmental factors - Professor Malcolm Mitchell (Scotland's Rural College)	Session 2: Environment and behaviour - Dana Campbell (CSIRO), Alex Welbergen (Vencomatic) and Panel Discussion
1230-1330	LUNCH - Foyer Area, First Floor	
1330-1500	Session 3: Specific case studies in hot and cold climates. Plus questions, comments and discussion - Bernard Green (Aviagen) and Professor Malcolm Mitchell (Scotland's Rural College)	Session 3: The range area - Eugene McGahan & Stephen Wiedermann (Integrity Ag Services), Isabelle Ruhnke (University of New England), Dr Carolyn de Koning (SARDI) and Panel Discussion
1500-1530	WORKSHOP CLOSE	



NATIONAL
FEED SOLUTIONS Pty Ltd

For all your livestock needs

Provides high quality products,

Delivered on time,

At competitive pricing,

Supported by the best

available technical service in
animal and livestock nutrition.



Ph: 02 9609 7922
Fax: 02 9609 7923

Kym 0439 066 054
kym@nationalfeedsolutions.com.au

Luke 0439 066 006
luke@nationalfeedsolutions.com.au

Bill 0499 009 293
bill@nationalfeedsolutions.com.au

Suppliers of Elite nutrition and solutions

www.nationalfeedsolutions.com.au

Aviagen appoints Debbie Fisher as technical service manager

DEBBIE Fisher commenced her new role of technical service manager for Aviagen ANZ on April 1 and brings excellent understanding of the modern broiler breeder and specific expertise in the Ross 308, which she has accumulated over 20 years in Australia and New Zealand as a customer.

Aviagen Australia and New Zealand managing director Michael Leahy said, "We are delighted that Debbie has joined the Aviagen Australia and New Zealand team in a fully dedicated role as technical service manager for the region."

"Her knowledge of the Ross 308 and experience in many markets will make a positive impact on our customers and we look forward to her future contribution to our business."

Debbie has developed a keen sense as a technical service manager of performance and conditions in a number of different markets and environments in Asia.

From the time Debbie commenced her career in the poultry industry, she continued growing and learning as the company she joined expanded and became a leading poultry producer in New Zealand.

Debbie quickly found a home in the industry from her initial job in egg collection and rearing before becoming a farm manager and subsequently being promoted to livestock department administrator, followed by health and safety co-ordinator for all farms, broilers and hatcheries.

Her later, more senior roles included livestock and production planner, breeder and broiler ser-

vice and finally breeder service manager.

In 2013, with her knowledge of breeders and broilers, Debbie became a valued member of the Aviagen Asia team as a technical service manager and worked specifically with customers in South Korea, Taiwan, Thailand and the Philippines providing key flock management support and serving as the major support link between Aviagen and the grandparent and parent stock customer companies in her territory.

"I am pleased to join the Aviagen ANZ team supporting and working with parent stock customers in the region," Debbie said.

"I welcome the opportunity to utilise my understanding of the companies I have known during my time in the industry and look forward to living in the region, closer to the customer locations I will support."



Aviagen technical service manager Debbie Fisher.

About Aviagen

Aviagen is a global poultry breeding company that develops pedigree lines for the production of commercial broiler chickens under the Arbor Acres, Indian River and Ross brand names.

The Rowan Range and Specialty Males are specially breeding stock from Aviagen that offer greater flexibility for customers to meet specific or niche market requirements.

The company is based in Huntsville, Alabama, US with a number of wholly owned operations across Australia, New Zealand, the United Kingdom, Europe, Turkey, Latin America, India, South Africa and the US, and joint ventures in Asia.

Aviagen employs more than 3900 people and has a distribution network serving customers in more than 100 countries.

For further information, please visit aviagen.com



Scanning for high-impact innovations key to transforming Australian agriculture

TECHNOLOGY-driven disruptions are increasingly driving growth in rural industries.

While Australian agriculture has a strong record in technology development and adoption, we need to proactively seek alternative sources of innovation and sift out the potential game-changers.

This is the focus of new foresighting work commissioned by AgriFutures Australia and developed by the Queensland University of Technology.

'Horizon Scan' is a four-part series, highlighting a range of futuristic technologies, trends and innovations, each with the potential to transform rural industries.

AgriFutures Australia managing director John Harvey said the scans seek out high-impact technologies overseas



and in other sectors of the Australian economy with the potential to translate to the agricultural context.

"Some technologies identified have obvious applications, others need a little more imagination," Mr Harvey said.

"For example, the scans identified moisture harvesting, metamaterials, personal analytics, solar retransmission and human-machine interface as potentially impactful emerging technologies.

"We want businesses and researchers to look to other sectors to understand their use of technology and use the scans to start a conversation.

"If we are to compete on the world stage, we

need to open our eyes to what is possible and embrace these opportunities."

QUT has developed the novel foresight methodology for identifying and decontextualising emerging technologies, led by QUT senior lecturer in Ecology Dr Grant Hamilton.

"Given the many avenues in which new technologies can emerge, building foresighting capability with which to identify the most impactful innovations is essential for participants right along the supply chain," Dr Hamilton said.

"It is critical to informing future scenario planning as well as supporting industries to main-

tain a competitive edge. "We know new technologies have the potential to expand existing markets as well as create entirely new ones.

"Early identification of emerging technologies enables individuals, businesses and industries to turn a potential disruption into a new business opportunity."

AgriFutures Australia is committed to continuing to scout for new technologies and innovations, and additional fact sheets will be added to the Horizon Scan series in 2018 and early 2019.

The Horizon Scan series is funded by the AgriFutures National Rural Issues program, which forms part of the AgriFutures Australia National Challenges and Opportunities arena.

For more on the Horizon Scan series, visit agrifutures.com.au/national-rural-issues/emerging-trends

Get noticed by key poultry industry members!

Posted and emailed free to the poultry industry!

Send us your:

- Media releases
- Industry news
- Product editorial
- New services
- Current research findings



Send to: editorial@poultrynews.com.au

or visit www.poultrynews.com.au



The Commercial Egg Producers' Association of Western Australia (Inc)

The Commercial Egg Producers' Association protecting the interests of West Australian egg farmers

THE Commercial Egg Producers' Association of Western Australia is the leading representative body for West Australian commercial egg producers.

CEPA members produce about 75 percent of eggs in Western Australia and has members situated all over the state, ranging from some of the largest producers in Australia to smaller producers.

CEPA members produce eggs using caged, barn and free range pro-

duction methods. The objectives of the association are:

- To proactively represent and promote the best interests of commercial egg producers in dealings with government, non-government bodies and their representatives;
- To secure uniformity of action on matters affecting the common interest of commercial egg producers;
- To promote and uphold industry codes of practice for animal welfare, qual-

ity assurance, biosecurity, environmental, labelling and transport of live poultry; and

• To promote the consumption of Western Australian-laid eggs.

Egg farming in WA
West Australians eat 1.6 million eggs every day and 53 percent of eggs produced are caged, 42 percent are free range and 5 percent are barn laid.

The total retail value of egg production in WA is \$150 million per year.

www.eggswa.com.au

The true cost of electricity

THE royal commission into misconduct in the banking, superannuation and financial services industry has laid bare the finance sector's litany of misdeeds, with reports of mismanagement, unscrupulous, insidious and sometimes illegal practices.

In the wake of damaging revelations during the banking royal commission, you would think it is only a matter of time before the calls for greater transparency and accountability of the energy sector are acted on.

The Winners and Losers of the Monopoly Game report, commissioned by QFF industry member CANEGROWERS, examines the profitability of Queensland's electricity networks and reveals similar unconscionable conduct and rorting by these government-owned corporations.

The report demonstrates the Queensland networks' prices are over twice the efficient level, making them extraordinarily profitable and achieving three to four times the annual profit margins of comparable energy companies.

Thinking back to the finance sector royal commission, consider that over the 15-year period to 2014, the Queensland Government's returns from the GOC Powerlink amounted to 10 times the returns achieved by the National Australia Bank.

Looking at other sectors, these returns were 23, 15.5 and 10.5 times greater than Lend Lease, Telstra and BHP, respectively.

Over the past three years, for every dollar that Queensland energy consumers paid for network charges, the Queensland Government collected 47 cents in profits.

Despite those extraordinary returns, successive governments have consistently extracted more profits from the networks



than they create.

Another questionable practice is the extraction of competitive neutrality fees.

Despite Queensland's transmission and distribution networks being 100 percent government-owned with no private competition, the Queensland Government charges them competitive neutrality fees to ensure they do not have a competitive advantage, which are then passed on to the consumer.

Another recently released report by the Grattan Institute into the cost of the Australian electricity networks also highlights a broken energy system.

The independent think-tank's report provides some useful analysis of one of the systemic problems with why the cost of electricity in this state is too high – the regulated asset base.

The RAB is important because its size largely determines network costs for consumers, and its growth has far outstripped both potential use (capacity) and actual use.

Poor government decisions have driven excessive investment in the networks.

The institute estimates that over the past decade, Queensland's network assets per customer grew from under \$8000 to almost \$14,000 (in real

terms) – the highest in the nation.

The institute recommended the Queensland Government write down the RABs of the distribution networks by up to \$7.19 billion, or about 25 percent.

While encouraging, QFF contends that this figure is too low, as numerous reviews have identified that reducing the RABs to efficient levels would require write-downs of at least 50 percent.

While none of these actions are illegal, they certainly point to 'gaming' the system – not the type of behaviour that taxpayers expect from GOCs providing an essential service.

For Queensland farmers, the result has been unsustainable electricity price increases.

Some farmers have been on the receiving end of electricity cost increases of more than 200 percent in 10 years – compared to 24 percent inflation over that time.

And more is to come when tariffs specifically designed to meet the needs of irrigation and other specific farming activities are phased out by June 30, 2020.

This ongoing 'energy crisis' continues to have real-world implications for Queensland farmers and other regional businesses.

According to the Australian Energy Regulator, there was an 82 percent increase in the number of small businesses disconnected by Ergon Retail (regional Queensland's monopoly network) last financial year.

Governments should treat electricity as the basic, fundamental need it is – not as a cash cow at the expense of our sector's international competitiveness and future prosperity.

About Queensland Farmers' Federation

The Queensland Farmers' Federation as it exists today was formally established in 1992 with the express purpose of providing a single voice for the diverse agricultural industries that operate across Queensland, so they could more effectively advocate for sector-wide issues with a unity of purpose.

The creation of QFF saw the unification of the Council of Agriculture (1922-1992), which was made up of 18 former statutory agriculture bodies, and the Queensland Producers' Federation (1969-1989), which was a broad coalition of agricultural commodity groups.

In 2008, the Queensland Irrigators' Council also became part of the federation.

Currently bringing together 15 peak state and national agriculture industry organisations and the state's irrigation groups, QFF collectively represents more than 13,000 primary producers across Queensland, including chicken growers and egg producers.

As the unified voice of intensive agriculture, QFF engages in a broad range of economic, social, environmental and regional issues.

Unsustainable electricity price increases are an issue that has challenged the profitability, and in some cases the viability, of most QFF members, including the poultry industry. 🐔

Australian farmers get world-first access to latest agvet chemicals

AUSTRALIAN farmers are the first in the world to access new agricultural and veterinary chemical technologies following approval from the Australian Pesticides and Veterinary Medicines Authority for afidopyropen and duddingtonia flagrans.

APVMA chief executive officer Dr Chris Parker said the registrations provide Australia's agricultural industries with enhanced access to safe and effective pest management tools for use in vegetable, cotton and livestock production.

"There is strong demand for new crop pro-

tection and animal medicines to be made available in Australia and it's important that the APVMA delivers a regulatory service that is responsive to market demands and can support innovation in our agricultural sector," Dr Parker said.

"Australia is the first nation to register afidopyropen, which is an insecticide to aid in the control of aphids and silverleaf whitefly in cotton and vegetables.

"The APVMA is also the first regulator to approve duddingtonia flagrans, a biological present as a palatable feed supplement used to treat parasitic gastrointestinal

nematodes of grazing animals.

"We strive to be a world leader in agvet chemical regulation, and being first to register these new products is a step in the right direction that will encourage further investment from agvet chemical manufacturers to register safe products that advance Australia's agricultural productivity and animal health."

The APVMA completed the assessments for both product applications in a timely manner, undertaking a rigorous scientific assessment that involved chemistry, residues, health, envi-

ronmental and efficacy assessments.

The product manufacturers are awaiting decisions on registration for the same products in a range of other markets globally.

Details of the active constituent afidopyropen in Versys Insecticide and duddingtonia flagrans in BioWorma and Livamol with BioWorma products can be found on the APVMA's public database of registered chemicals at portal.apvma.gov.au/pubcris

Learn more about the APVMA's regulatory framework for the approval of active constituents at apvma.gov.au 🐔

zoetis

YOUR BRAND NAME GOES ON THE PACKAGE.
But your reputation goes inside.

Protect your reputation – and your business from Escherichia coli and Salmonella with the Poulvac modified live bacterial vaccines: **Poulvac E coli and Poulvac ST**. These vaccines from Zoetis offer a vaccination program for your flock that helps fight the threat of two major bacterial diseases. Your business depends on safety and quality. It's your brand. It's your reputation. The Poulvac portfolio from Zoetis helps protect both.

To learn more about the Poulvac range visit us at Zoetis.com.au or call 1800 814 883

POULVAC®
ST and E coli

Zoetis Australia Pty Ltd. ABN 94 156 476 425. Level 6, 5 Rider Boulevard, Rhodes NSW 2138. © 2018 Zoetis Inc. All rights reserved. www.zoetis.com.au ZL0868

ZOETIS LEADING INNOVATION IN ANIMAL HEALTH FOR OVER 75 YEARS

Positive meeting with fast food companies regarding country of origin labelling

MINISTER for Agriculture and Water Resources David Littleproud was pleased with a positive response from the fast food industry at a roundtable on country of origin labelling recently.

"I thank the businesses for their attendance and spirit of co-operation," Minister Littleproud said. "Major fast food providers were warm to the idea

of displaying the country of origin percentages of their standard menu items on their websites and in their apps as a first step. "Displaying the country of origin information

for standard menu items is a sensible first step that would increase transparency for the consumer hugely. "Aussies deserve to know where their food comes from.

"They deserve to know how much of a product is made from Australian farm produce, especially as so many Australians use country of origin as a gauge of food quality.

"Displaying country of origin information online would give consumers choice.

"They can then choose to vote with their wallets." The forum agreed to meet again to work through technical issues in coming months.

Country of origin labelling becomes law for packaged foods on July 1.



Made in Australia
from 100% Australian ingredients



PIX|AMC
POULTRY INFORMATION EXCHANGE AUSTRALASIAN MILLING CONFERENCE
3-5 JUNE 2018

Here's my Card

THIS is a quick and easy way to locate the right people for any number of specialist services and facilities in the poultry industry.

Whatever the job you need to accomplish, here's a group of business cards that guarantee you the best available.



Lawrie Coutts

Technical Service Manager - VIC

0475 802 675

lawriecoutts@specialisedbreeders.com.au



Tim Smith

Technical Service Manager - NSW

0407 104 185

timsmith@specialisedbreeders.com.au



Jonathan Leslie

National Sales and Marketing Manager

0459 893 518

jonathanleslie@specialisedbreeders.com.au



Dieter Karlin

Technical Service Manager - QLD/WA

0418 131 119

dieterkarlin@specialisedbreeders.com.au

Altech LIENERT

Regional Sales Representatives

Damien Kelly (Vic)
Tel: 0448 273 114

Graeme Hinchcliffe (Vic)
Tel: 0417 700 666

Michael Pretorius (NSW)
Tel: 0409 600 377

Shane Nicholson (Qld)
Tel: 0427 200 262

Tina Grech (SA)
Tel: 0407 608 179

Michael Pritchard MTB - Biosecurity
Tel: 0407 764 850

1800 649 231

Alltech Lienert Australia
8 Roseworthy Rd, Roseworthy 5371, South Australia

alltechlienert.com.au



Suppliers of Elite nutrition and solutions

NATIONAL FEED SOLUTIONS Pty Ltd

Kym Miller Mobile: 0439 066 054

Luke Steinborner Mobile: 0439 066 006

Bill Steinborner Mobile: 0499 009 293

Phone: 02 9609 7922

Fax: 02 9609 7923

admin@nationalfeedsolutions.com.au

www.nationalfeedsolutions.com.au

PO Box 6370 Wetherill Park BC NSW 2164



Patarker Pty Ltd
Distributors in NSW to the poultry, dairy and pig industries

Michael Bigeni BCom, BAppFinn
Customer Service

8 Robertson Place,
Jamisontown NSW 2750 Australia
Phone: 02 4732 5520 Facsimile: 02 4732 5275
Mobile: 0410 663 005 Email: michael@patarker.com.au

REDUCE YOUR ENERGY COSTS WITH ...



POLYTEX

TARPAULINS

Phone 1300 059 003
Email info@polytex.net.au
Web www.polytex.net.au



The industry super fund for rural and regional Australia

Proudly supporting the poultry industry
austsafe.com.au



Wayne Bradshaw

Managing Director
Australia & New Zealand
T +61 (0) 7 4630 1500
M +61 (0) 429 301 500
wbradshaw@jefo.com
www.jefo.com

TETRACID 500™ PORCINAT™ ZINCO-PLUS™

FarmMark
Livestock Solutions

Luigi Di Clemente

FarmMark Pty Ltd
2/67 Colebard St West, Acacia Ridge QLD 4110

Phone: 07 3274 6372 Mobile: 0412 934 892 Fax: 07 3277 8813
Email: luigi@farmmark.com.au
Website: www.farmmark.com.au

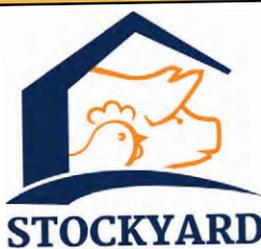
NATIONAL Poultry
NEWSPAPER

Advertise your business card here

call 07 3286 1833

Now available in colour, great value at
\$274 + GST
for 4 months

poultrynews.com.au • ben@poultrynews.com.au



STOCKYARD

www.stockyardindustries.com

Steven Clohesy

REGIONAL MANAGER

Mobile: 0427 733 141

Email: steven@stockyardindustries.com

54 King Street, Clifton
Queensland, Australia 4361
Telephone: 07 4697 3344
Facsimile: 07 4697 3532

Better outcomes through advanced systems

NATIONAL Poultry
NEWSPAPER

Daniel Tomlinson

Subeditor
BBus/BA

P: 07 3286 1833
F: 07 3821 2637
E: editorial@poultrynews.com.au
M: 0433 390 001

PO Box 387 Cleveland Q 4163 | Unit 2, 39 Enterprise St, Cleveland Q 4163

www.poultrynews.com.au



Pepe's Ducks will soon feature a Thermal Energy Storage System. Photo: Adam Taylor

Energy innovator gets ducks in a row ahead of IPO

WITH its Initial Public Offering in the final stages of preparation, South Australian-based energy innovator 1414 Degrees has inked a deal for the first interstate installation of its products.

The project will see the company integrate its Thermal Energy Storage System into the existing operations of national poultry grower Pepe's Ducks.

Building of the TESS-IND is expected to commence later this year.

1414 Degrees executive chairman Dr Kevin Moriarty said, "The partnership between 1414 Degrees and Pepe's Ducks will deliver an Australian-first, big picture energy solution to market."

"This project clearly underlines the strength of our technology, and its potential to revolutionise the approach of Australian and international industry to energy storage and heat generation.

"Current investors, and those who have expressed interest in becoming 1414 Degrees shareholders through our pending IPO, will be buoyed by news of this deal."

Dr Moriarty said 1414



Degrees and Pepe's Ducks had reached an agreement for a research, development and demonstration project to be undertaken at the producer's NSW processing plant.

Subject to finalisation of an engineering review, the installation will provide Pepe's Ducks with electricity and heat – predominantly in the form of steam.

With a nominal storage capacity of 25MWh, and coupled with a turbine energy reclaim system, the 1414 Degrees TESS-IND will significantly increase energy efficiency at the site while reducing power bills.

Pepe's Ducks chief financial officer David Fox said, "Pepe's is looking at long-term, viable commercial applications that reduce operating costs for the business and are envi-

ronmentally sustainable."

"The 1414 Degrees technology meets this requirement by helping us to reduce electricity costs and displace gas."

The announcement comes just months after the South Australian Government awarded the company a Renewable Technology Fund grant for a collaboration with SA Water to integrate energy generation from waste with storage.

That device is under construction for commissioning next quarter.

"Energy storage is moving from a 'nice-to-have'

to a mandatory requirement in communities across the globe," Dr Moriarty said.

"The application of our technology is vast.

"These projects put 1414 Degrees front and centre in the national and international energy storage and heat generation markets, and demonstrate our commitment to delivering energy for all, at all times.

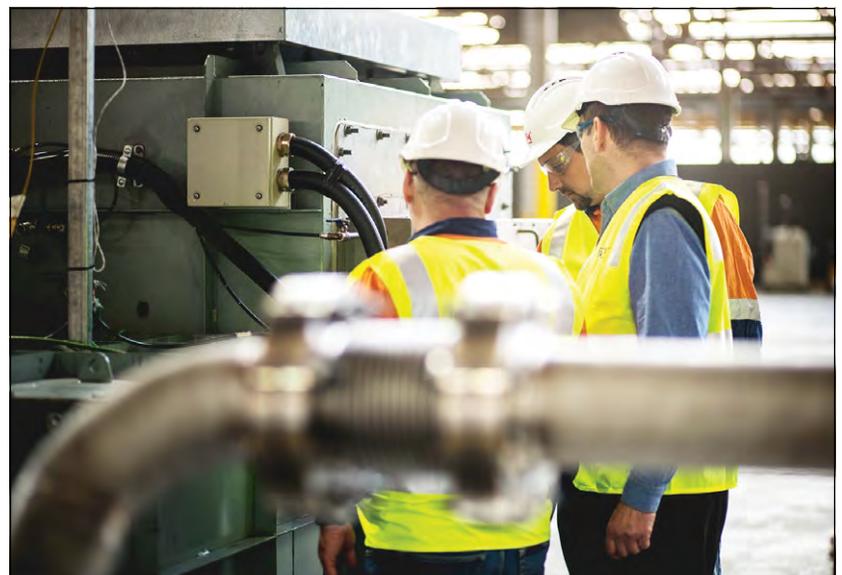
"This is an incredibly important year for us.

"It not only heralds the installation at SA Water and Pepe's Ducks of technology we have worked so tirelessly to develop across the past decade, but will also see 1414 Degrees taken to a much broader market, with the backing of Australian and international investors who are champing at the bit to take up shares through our IPO."

For more information, visit 1414degrees.com.au



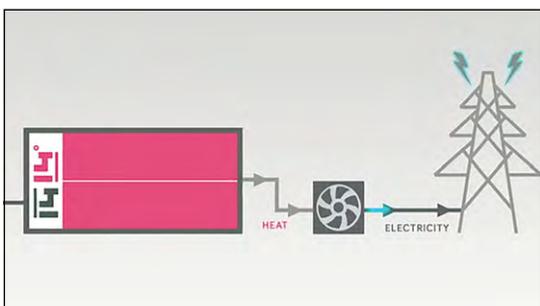
1414 Degrees executive chairman Dr Kevin Moriarty.



1414 team members at work a the project.



The 1414 team with a TESS-IND unit.



The basic principle.

Five steps to move your animals' nutrition at the pace of genetics.



Issue
Assessment



Report



Formulation



Recommendation



Measurement

Both genetics and management practices have been rapidly advancing in agriculture over the past 10 years.

But has practical nutrition kept pace?

Has nutrition been focused on only meeting the nutritional requirements of the animal?

The Blueprint® Nutrition Program is that next step in nutritional evolution.

Blueprint®

NUTRITION PROGRAM

FORMULATED WITH
Alltech®
SOLUTIONS

Alltech® LIENERT

Alltech Lienert Australia
8 Roseworthy Rd | Roseworthy 5371 | SA | Australia

Tel: 1 800 649 231

alltechaustralia@alltech.com

alltechlienert.com.au  Alltech Lienert