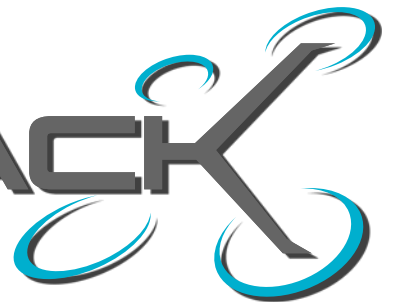


The Sky's the Limit

RAPAD

OUTBACK

AERODRONE



Symposium 2018

11 - 12 August 2018

Barcaldine, Central West Queensland



RAPAD
REMOTE AREA PLANNING &
DEVELOPMENT BOARD



THE REMOTE AREA PLANNING AND DEVELOPMENT BOARD (RAPAD) HELD THE INAUGURAL OUTBACK AERODRONE SYMPOSIUM IN BARCALDINE ON 11-12 AUGUST 2018.

This symposium was conducted for a range of reasons given the dynamic pace at which drones are entering the everyday workplace.

A key reason was to build capacity for our region and to provide information to the agriculture and local government sectors on integration of drones, through demonstrations and presentations from industry leaders.

Another significant reason for the symposium was the promotion of CWQ as a drone testing site which links with the RAPAD Strategic Plan, the Digital Strategy and ARIP Projects and other initiatives (see page 11).

It was also very much to demonstrate our region's willingness to embrace the drone industry so both government and industry can see that the region may be a potential investment location for drone research and development activity.

We want industry to know that Outback Aerodrone is open for business and we are taking registrations now for drone testing in our region.

“ WE WANT INDUSTRY TO KNOW THAT WWW.OUTBACKAERODRONE.COM.AU IS OPEN FOR BUSINESS AND WE ARE TAKING REGISTRATIONS NOW FOR DRONE TESTING IN OUR REGION.



RAPAD OUTBACK AERODRONE Symposium 2018
 11 - 12 August 2018
 Barcaldine, Central West Queensland

THE SKY'S THE LIMIT

RAPAD is proud to present a two-day symposium exposing our region to the latest in drone and data technology, and to launch Outback Aerodrone: RAPAD's vision of a Centre of Excellence to position our region to be THE location to host national and global companies in BVLOS drone testing.

PROGRAM

Host venues: Barcaldine Visitor Information Centre (main street)
 Gregory Park (15mins south of Barcaldine)

SATURDAY 11 AUGUST		SUNDAY 12 AUGUST	
Bus transfer from Barcaldine Airport (approx 9am) and pick up from accommodation (10.30am)		Bus pick up from accommodation (8am)	
BARCALDINE VISITOR INFORMATION CENTRE		BARCALDINE VISITOR INFORMATION CENTRE	
11am	Registrations, trade show & morning tea Welcome and speaker introductions followed by lunch Bus transfer to GREGORY PARK On-site drone demonstrations, guest speakers & drone racing. Bus transfer to accommodation.	8.30am	Registrations, trade show & morning tea
		9am	Speaker sessions & trade show - drone, data & technology.
		12.30pm	Program concludes. Bus transfer to Longreach Airport to coincide with BNE flight schedule.
6.30pm	Symposium dinner.		

This event is proudly supported by

Queensland Government | BARCALDINE REGIONAL COUNCIL | OUTBACKAERODRONE.COM.AU

ANOTHER FIRST FOR THE REGION

Supported by Barcaldine Regional Council, RAPAD's Outback Aerodrome Symposium (OAS) attracted more than 100 people with strong interest from locals, top industry presenters, as well as a Japanese business delegation of nine led by Trade & Investment Queensland (TIQ). The Japanese delegation had attended the World of Drones Congress in Brisbane in the days preceding the OAS.

We believe this is the first Japanese delegation of its kind to have visited our region. They were keen to see the wide-open spaces and the BVLoS (beyond visual line of sight) demonstrations.

While we take these open spaces for granted, the leaders from the drone industry are telling us that Central West Queensland hits the mark with wide open skies, clear horizons and a collaborative mind-set as exactly what they are looking for in terms of testing facilities.

“ WE BELIEVE THIS IS THE FIRST JAPANESE DELEGATION OF ITS KIND TO HAVE VISITED OUR REGION.



Presenters and Japanese delegates arrive in Barcaldine on the QantasLink plane Saturday morning.



RAPAD's Morgon Gronold, David Arnold & Kristine Arnold met with Pieter van Jaarsveld of IDS at the WOD 2017.

THE OAS WAS HUGELY SUCCESSFUL DUE TO THE EXTENSIVE WORK BY THE RAPAD TEAM, GETTING INTO UNCHARTERED TERRITORY AND ESTABLISHING VALUABLE NETWORKS, FOSTERED SINCE MARCH 2017 WITH KEY DRONE INDUSTRY LEADERS.

The program was packed with these key drone industry leaders exhibiting, demonstrating and presenting on the integration of drones into the agriculture and local government industries in particular. It has set a benchmark for the future, delivering relevant information for our local industries, and connected locals to the right information, services and providers.

SYMPOSIUM ACTIVITIES:

- Exhibitor displays
- Presentations by industry experts
- Symposium Dinner
- Panel sessions at Symposium Dinner
- Presentation topics and speakers included:
- Introduction session from all presenters
- Putting ag drones to work - Fiona Lake
- Ready for the 4th revolution in Barcaldine - Neil Glentworth, GWI
- Getting the most from drone photography - Fiona Lake
- Using drones for pest animal management (thermal imagery) - Gus Corlett, Skies Eye Drone Services
- Drone capabilities - Gary King, Universal Drone
- Technologies helping in wild dog management - Outback Property Services
- Asset Management - Ninnox Robotics

ON SITE DEMONSTRATIONS AT GREGORY PARK INCLUDED:

- Drone racing - Ace Aviation
- Beyond visual line of sight flight demonstration - Inistu Pacific
- First person drone goggles with drone demonstration - IDS
- Products and advice - Universal Drones

The program with speaker and event schedule details starts at page 18.

A graph depicting the program components the delegates found most interesting can be found on page 15.

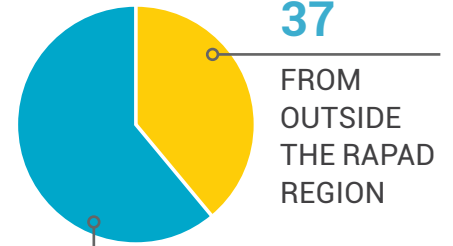
STATISTICS

115

TOTAL REGISTRATIONS

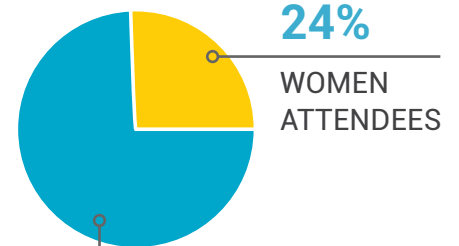
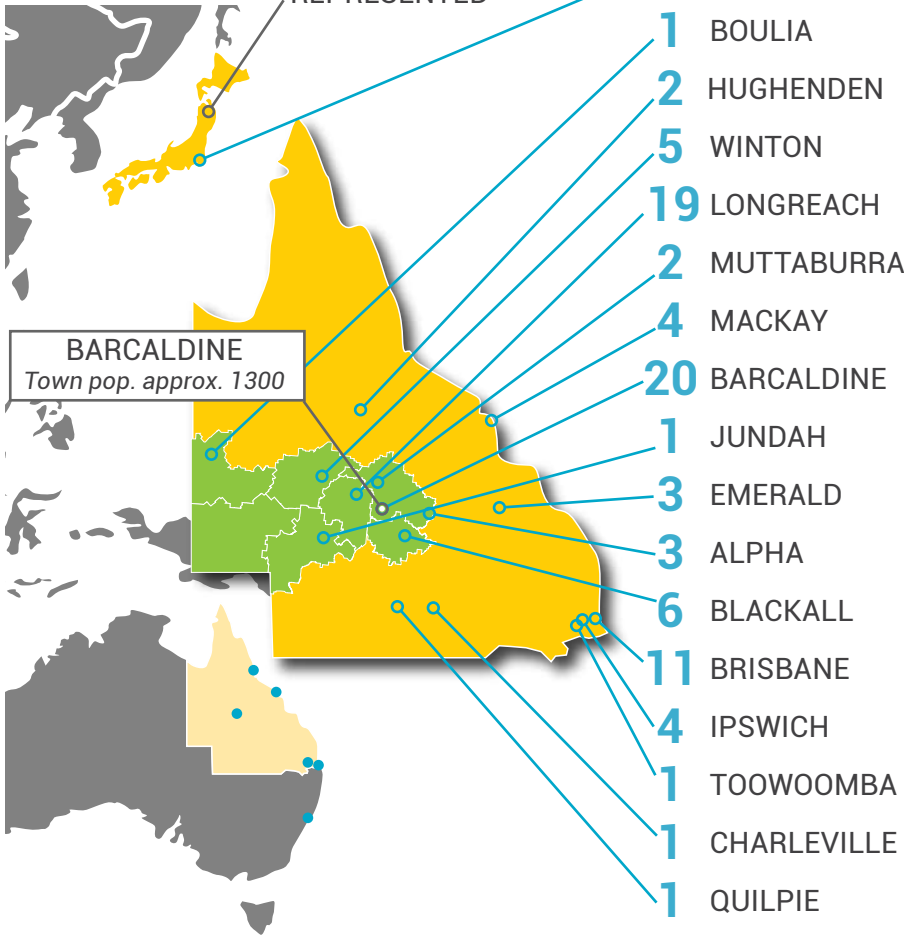
94

REGISTERED ATTENDEES



57
FROM THE RAPAD REGION

4
JAPANESE COMPANIES REPRESENTED



76%
MEN ATTENDEES

21

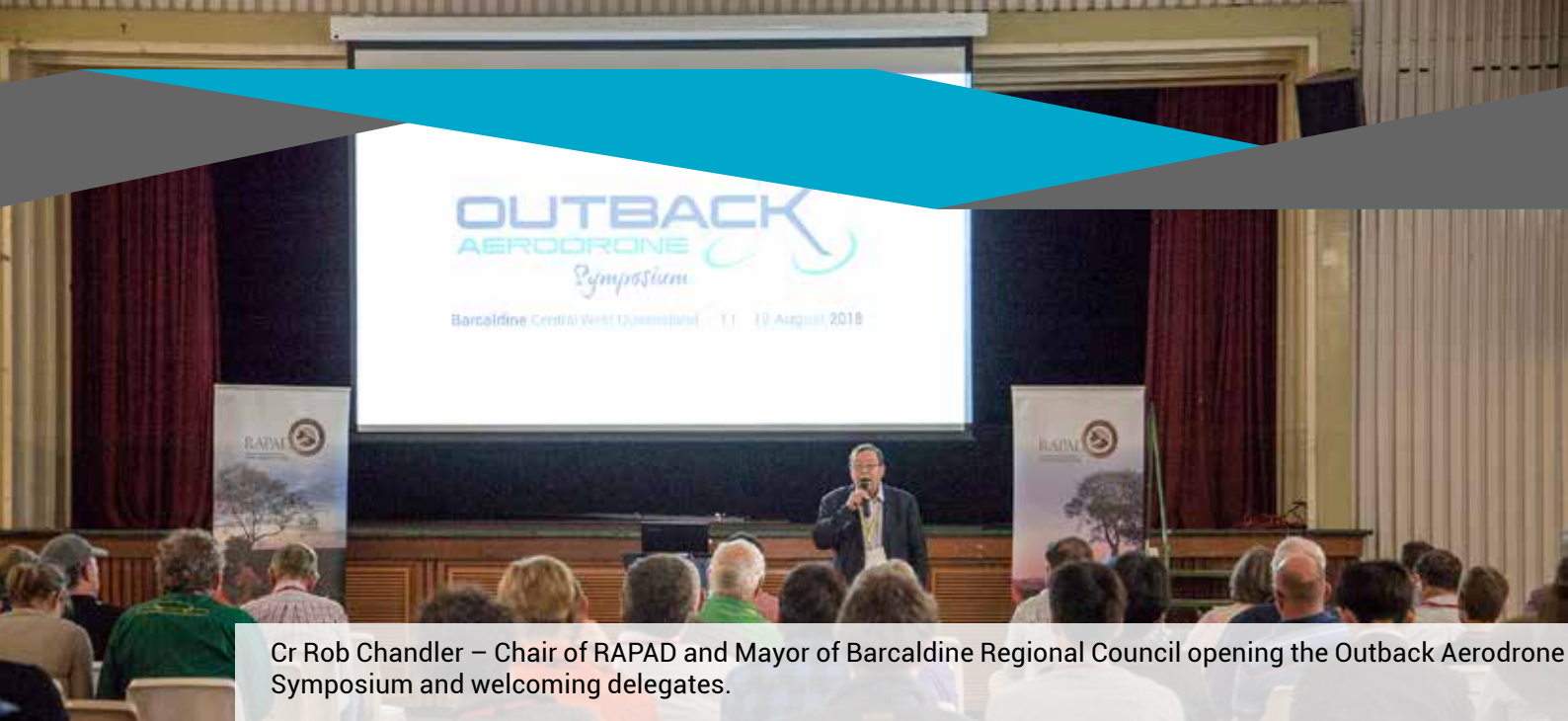
EXHIBITOR DELEGATES REPRESENTING

11

DRONE & DATA COMPANIES

● Companies based in:

- | | |
|--------------------|---------------------|
| 1 TOOWOOMBA | 1 MACKAY |
| 6 BRISBANE | 1 TOWNSVILLE |
| 1 LONGREACH | 1 SYDNEY |



Cr Rob Chandler – Chair of RAPAD and Mayor of Barcaldine Regional Council opening the Outback Aerodrone Symposium and welcoming delegates.

OUTBACK AERODRONE SYMPOSIUM WAS PROUDLY SUPPORTED BY THE BARCALDINE REGIONAL COUNCIL AS WELL AS SOME FUNDING FROM ADVANCE QLD AND WAS OVER 12 MONTHS IN PLANNING AND IS A RESULT OF RAPAD QUIETLY ADVOCATING IN THIS INDUSTRY AREA SINCE MARCH LAST YEAR WHEN FIRST INTRODUCED TO DR CATHERINE BALL BY MARK SOWERBY, QLD'S CHIEF ENTREPRENEUR AT MYRIAD.

Following several meetings with Dr Ball and also with Scott Duffy from CASA, this then started with some seriousness with RAPAD team attending the World Of Drones Conference.

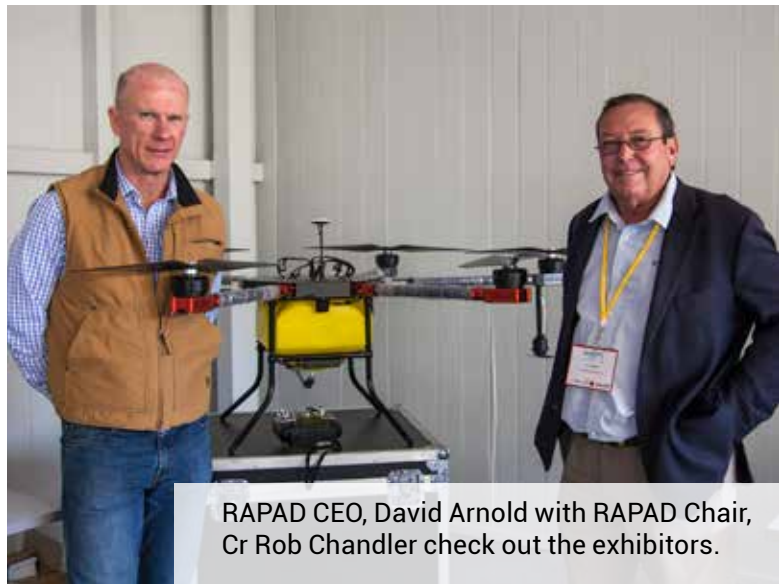
Subsequent meetings ensued with Dr Catherine Ball, Michael Schamburg, then DG of DSD, various DSD representatives, CASA and industry participants who we met at the conference.

Several key drone industry leaders were invited to the Westech Innovation Forum and presented on the current and future trends of unmanned aerial vehicles in agriculture and asset management in the RAPAD Innovation Tent.

OUTBACK AERODRONE SYMPOSIUM WAS COVERED BY MEDIA INCLUDING:

- The Longreach Leader
- NQ Register
- Morning Bulletin
- Win News
- Post-event media releases.

Read all media releases at outbackaerodrone.com.au



RAPAD CEO, David Arnold with RAPAD Chair, Cr Rob Chandler check out the exhibitors.



WHAT'S THE NEXT PHASE?

OUTBACK AERODRONE – OPEN AND READY FOR BUSINESS

RAPAD, through the Outback Aerodrone website, will continue to promote the Central West as a place with large, low-density populated areas to test drone technology and capability.

This will be achieved by:

- promoting through a call to action, the minimum requirements for consideration as a suitable location /space to host drone testing ie properties, community air strips etc
- developing a data bank of suitable sites listing all features
- promoting the region nationally and internationally as a suitable location / space to host drone testing and capability studies
- offering a concierge service through www.outbackaerodrone.com.au to companies wishing to test drones in this region
- fostering short or long term relocation of companies to the region
- further developing and promoting a suite of *Outbackhub* locations across the region. (Outbackhubs are Zoom Room enabled coworking spaces suitable for remote office activity and video connectivity for drone (and other) companies while testing in region).

OUTBACK AERODRONE 2019

Following on from the huge success of the inaugural Outback Aerodrone Symposium, RAPAD will also host the event in 2019 with plans already commenced and a date claimer to go out once other drone conferences dates in Australia are finalised.

INTERNATIONAL CONNECTIONS

Continue to work with TIQ and Councils to foster international interest and investment in the CWQ region.



ADVOCACY

Continue to advocate to State and Federal Government that CWQ's Outback Aerodrome is 'open and ready for business'

REGIONAL DRONE TECHNOLOGY INTEGRATION

Facilitate discussions with RAPAD Councils regarding the actions they can take immediately to support drone technology from a tourism, community, local government operational enhancement.

DRONE CENTRE OF EXCELLENCE

Progress development of Drone Centre of Excellence as identified under RAPAD's Smart Central West Digital Strategy. Investigate the Federal Govt Incubator Funding to progress this.

HIGH ALTITUDE, LARGE DRONE TESTING ZONE

Concurrent to this the Qld Government undertook scoping studies last year identifying various locations throughout Qld, which may be suitable sites for high altitude, large drone activity.

Known as the Remote Piloted Aircraft Systems (RPAS) Study it was provided to DSD in 2017. Further business case scoping was undertaken by PwC and is now with the Qld Government.

It is our belief that a site in Longreach Regional Council area along with a Cloncurry site may be preferred locations.

*The Sky's the Limit!
in Central West Queensland*

RAPAD STRATEGIC PLAN 2017-20

VISION

A united regional organisation, proactively shaping and creating a prosperous future for the RAPAD region of Outback Queensland.

MISSION

Through collaboration and innovation, support and empower the RAPAD region, its communities and people to realise their potential by:

- Strengthening our regional narrative, identity, and diversity through exploring possibilities inclusively,
- Developing leadership, skills and strategies to initiate, leverage and make the most of our regional communities capacities and assets,
- Generating economic growth and resilience through digital innovation, entrepreneurship and enterprise,
- Strengthening links, local cooperative relationships and mutuality, with new thinking and working regionally,
- Orienting and engaging local to global; creating new possibilities, pathways and partners.

TECHNOLOGY AND THE DIGITAL ECONOMY

1

Outcome: The digitalisation of the RAPAD region to become a technologically ready region of choice, providing a rich and fulfilling life style and opportunities for business growth and success.

INFRASTRUCTURE AND SERVICES

2

Leadership and Capacity Building

Outcome: Leading the region to capitalise on current assets and capabilities, to fundamentally transform its social, economic and professional potential.

ECONOMIC DEVELOPMENT

Tourism

Outcome: The RAPAD region's tourism industry grows and reaches its potential as a global destination.

Agriculture

3

Outcome: Grow jobs and achieve improvement in profitability for rural businesses through supporting traditional industries and fostering future agricultural opportunities across the region.

Innovation and Entrepreneurship

Outcome: Globally connected ecosystems; and provision of hard and soft infrastructure that fosters innovation, creativity and entrepreneurship across the RAPAD region.

INVESTMENT ATTRACTION

4

Outcome: Actively seeking out and partnering with great companies and people who can make a real difference to our regional economy.

REGIONAL NARRATIVE

5

Outcome: A regional narrative of 'Team Central West' that embeds and demonstrates the region's vision, values, culture and history, its strengths, and potential; and capacity to attract and support new and expanded investment opportunities.

SMART CENTRAL WEST DIGITAL STRATEGY



6.9.2 Drone Centre of Excellence

Drones are increasingly being used by councils around the world to safely, quickly and efficiently inspect infrastructure, provide situational awareness and undertake other similar tasks.

In more remote areas, like the Central West, drones will be increasingly important to the operations of council. For that reason, Central West councils will jointly invest in a Drone Centre of Excellence.

That Drone Centre of Excellence will be a one-stop-shop for councils around Australia and remote councils around the world, to understand the benefits and the use of drone technology.

To establish the Drone Centre of Excellence we will seek in-kind sponsorship from commercial drone vendors.

ACTION 38:

RAPAD will seek in-kind sponsorship from vendors in the drone industry to create a Drone Centre of Excellence in the Central West.

PATHFINDER REPORT

Pathways to the future: building local strategies for regional resilience and sustainable development in central western Queensland



Institute for Resilient Regions

Synthesis Report of Community Workshops Barcaldine, Boulia, Barcoo, Blackall-Tambo, Longreach

October 2015 – February 2016



ARIP PROJECT PLAN

The 'Drone Centre of Excellence' as identified in the Digital Strategy was identified as a RAPAD component of the Outback ARIP application. This was further detailed in the Year 1 Project Activity Plan identifying as a Symposium to bring together drone companies, operators and enthusiasts. Strategy

OTHER:

The symposium also draws on inspiration from RAPADs "Pathways to the Future" project undertaken by Professor John Cole from University of Southern Queensland's Institute for Resilient Regions <<https://www.rapad.com.au/assets/Documents/Pathways-to-Futures/RAPAD-CWQ-Synthesis-Report-2016.pdf>>



TESTIMONIALS ON OUTBACK AERODRONE SYMPOSIUM

*I loved the size of the event as sometimes you can be overwhelmed with too much info and people. **This was perfect, as we all had time without pressure, to meet and greet and absorb each other's contributions to the event.***

*With the power of word of mouth and the time available to form strong bonds. I feel that you as a community, will have much more impact than a large event that is rushed and loses the warmth that was evident to us all. **Excellent work to all involved.** DD*

***Splendid weekend, met some great people** – thanks to all involved. And thanks for the memento cup, love it! FL*

I thoroughly enjoyed and found Aerodrone 2018 highly valuable. Aerodrone 2018 played strongly to RAPAD's objective of developing and benefiting the Central West.

I must admit prior to attending we were not sure what to expect. But were pleasantly surprised. It is a great credit to [RAPAD] with regard to the organisation. It was evident that a lot of work had gone into the planning and running the event.

We are an emerging tech start-up that is based firmly in the Central West. RAPAD have been tremendously supportive of what we are seeking to achieve, and I firmly believe that the RAPAD and our objectives are closely aligned.

Initiatives such as Aerodrone 2018 create momentum and opportunity. And this momentum and opportunity greatly assist ventures such as ours. And I would like to think that OPS in turn will create momentum and opportunity within the Central West.

It is then beholdeth on us all to keep feeding and building this momentum for the betterment of the Central West. AB

*Great to see this is being driven **within the actual rural area.** JB*

FEEDBACK: SOCIAL MEDIA

Facebook

Outback Property Solutions added 11 new photos — in **Barcaldine, Queensland**.
58 mins · Barcaldine · 🌐

Andrew Barton and Keith Gordon represented Outback Property Solutions at **Outback Aerodrone** last weekend. Great to see this type of event being held right here in Central West QLD.
Big thanks to **Rapad** for facilitating this!



Kristine Arnold 1 comment

David Arnold · 1st
CEO, RAPAD; Dep Chair, Central West Health & Hospital Ne...
2d

It was pleasing to be able to play host, along with my colleagues, to a Japanese delegation visiting RAPAD's Outback Aerodrone symposium in Barcaldine, Central West Qld, and thanks to **Trade and Investment Queensland** and **Advance Queensland**, not to mention **Catherine Ball** for giving us support in kicking off this inaugural event. **Morgan Gronold Kristine Arnold Harri Arnold Aleisha Domrow Nicole Bond Robert Chandler Neil Glentworth**



22 Likes • 9 Comments

Like Comment Share

WIN News Central Queensland 22 hrs · 🌐

Drought-ravaged outback Queensland, could become a mecca for drone users to test their tools. That's the plan hatched by innovative graziers and it's already gaining international attention.



1.4K views

Like Comment Share

300 people reached > Boost Unavailable

You, Jack Arnold and 17 others

2 shares



Ilana Mycock
Amazing work. **Congratulations** to the RADAD team.
2 h Like Reply Message

Rapad
Ace Aviation Ninox Robotics IDS Corporation Mitsubishi Research Institute, Inc. @sky perfect JSAT co Insitu Inc. Skies Eye Drone Services Outback Property Solutions Universal Drones Industrial Drones Australia Fiona Lake Neil Glentworth
3 hrs Like Reply More

Outback Property Solutions
It was a great event, thanks Rapad!
19 mins Like Reply More

Neil Glentworth • 1st
Supporting evidenced based decision making.
3d


Great to work with the Central West of Queensland on agricultural innovation. Their drone center of excellence provides economic diversification and new opportunity - independent of environmental challenges as well as providing access to improved land productivity, and better asset management. #drones #uav #data #innovation
Morgan Gronold David Arnold Kristine Arnold

25 Likes • 2 Comments

Like **Comment** **Share**

Likes



Comments **Sort by Top**

Gary King • 1st
Bringing drones into your life and changing the futur...
1 d
It was a great weekend and look forward to more. Glad we could be apart of this.
Like **Reply** | 1 Like

Jim Barclay • 1st
Executive Advisor, Digital Strategist, Professional Sp...
3 d
Great to see this is being driven within the actual rural area.
Like **Reply** | 1 Like



Page Insights

15 July - 11 August Last 28 days

Post reach 22.7k ▲ 53%	Post engagements 1,730 ▲ 85%	New Page likes 33 ▼ 11%
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Promotions [SEE DETAILS](#)

0 active promotions started in the last 28 days.

	Boosted post Completed A\$47.00 spent	Reach: 4.9k Link clicks: 75
	Boosted post Completed A\$47.00 spent	Reach: 4.4k Link clicks: 136

Anne-Maree Lloyd ★ ...
1 hr • 👤

After attending a drone symposium over the weekend I thought I would fly and put some of the settings into practice #alwayslotstolearn #nevertooold #ruralaustralia #rural_love #jedburgh #drone #rapad #outbackqueensland #abcmyphoto #aipp



You, Bernadette Harris and 40 others 8 comments

Love **Comment**

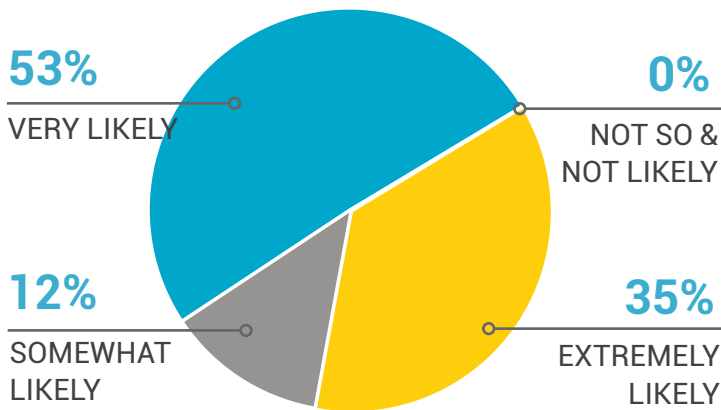
Jenny Gordon
Trust you had an enlightening time.

Anne-Maree Lloyd
I did! I'm sure you husband did also.

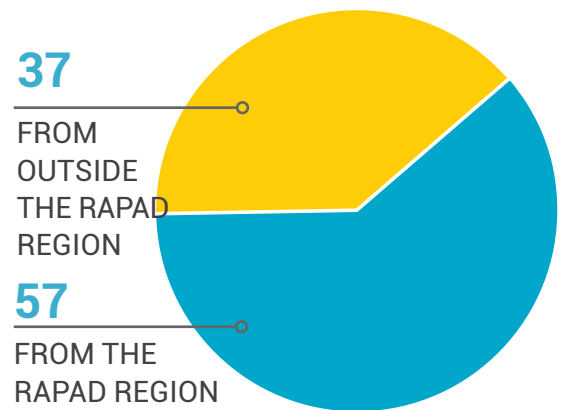
FEEDBACK: SURVEY RESULTS

Delegates and exhibitors received an electronic survey to complete, providing information on what worked well and what we need to focus on for 2019. Following are some survey statistics:

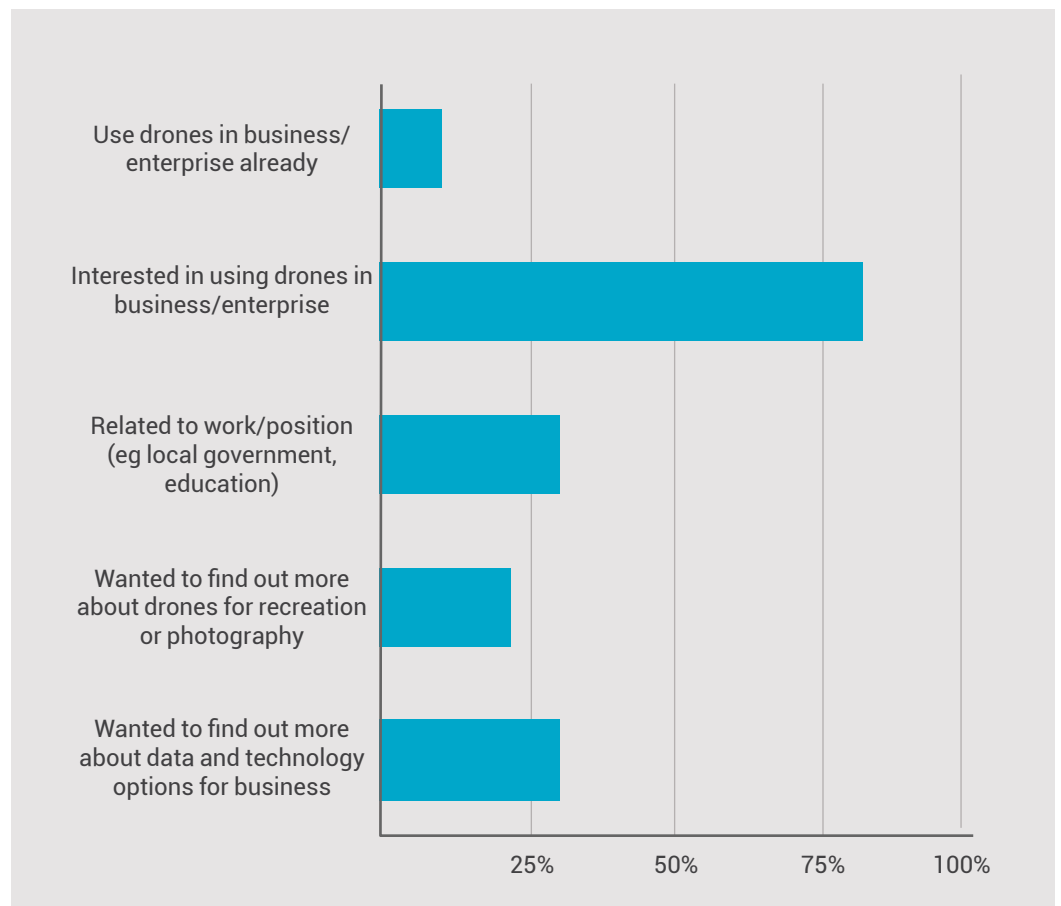
HOW LIKELY ARE YOU TO ATTEND A SIMILAR EVENT AGAIN IN THE FUTURE?



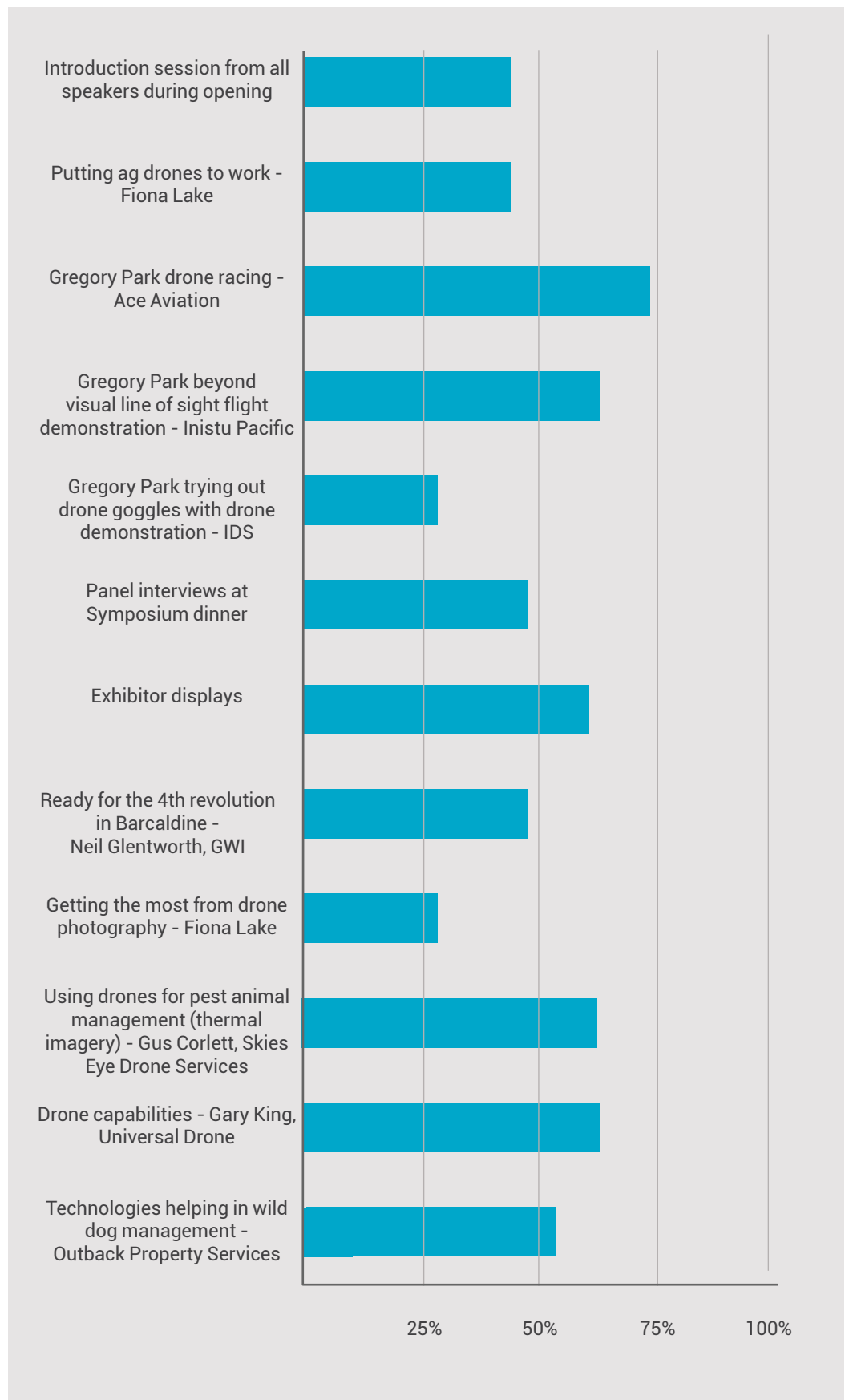
DID YOU TRAVEL FROM OUTSIDE OF THE RAPAD REGION?



WHAT MOTIVATED YOU TO ATTEND OUTBACK AERODRONE SYMPOSIUM?



WHAT PART/S
OF THE PROGRAM
DID YOU FIND
THE MOST
INTERESTING /
RELEVANT?



Outback Aerodrone takes region from unchartered territory to new landscape

PHOTOGRAPHS BY AARON SKINN



The crowd at Gregory Park Watching the Drone Racing presentation.

THE REMOTE AREA Planning and Development Board's inaugural Outback Aerodrone Symposium hosted more than 100 people, including a delegation of 10 from Japan, last week-end at Barcardine.

RAPAD CEO David Arnold said the event attracted strong interest from locals and top industry presenters, as well as the Japanese business delegation led by Trade and Investment Queensland (TIQ).

"The registration numbers and calibre of speakers we had on the program was fantastic, but to also have international delegates attend our inaugural event was beyond expectation," Mr Arnold said.

"We've had great support from our speakers and exhibitors who travelled to Barcardine under their own initiative. Feedback has been extremely positive, with one particular business venture to be established in the Central West now in the pipeline.

"The Japanese



Gary King from Universal Drones in Toowoomba demonstrates different Drone technologies to the crowd at Gregory Park.

delegates, representing companies including Mitsubishi and leading drone group eRoute, was a great coup for the region. This is perhaps the first time a Japanese delegation of this kind has visited our region," he said.

"Working with TIQ Business Development Manager, Melissa Inooka, the delegates had identified the opportunity to look at areas that would be of benefit for investment and application in Japan, including our wide open spaces, agricultural industry and responding to disasters.

"The delegates had a great experience and were treated to real Outback hospitality, including a tour of a sheep property, hosted by David Counsell on Dunblane, before they returned home."

David Arnold said RAPAD would also be looking for expressions of interest from locals who are interested in using their property as a hot drone testing venue in the future.

"We have leaders from the industry telling us what they are looking for in terms of testing facilities, and Central West Queensland hits the mark with wide open skies, clear horizons and a collaborative mind-set.

"We will be working with locals who meet requirements to harness this opportunity for their benefit and the greater benefit of our region," Mr Arnold said.

RAPAD Chair and Mayor of Barcardine Regional Council, Cr Rob Chandler, said the event

provided a real boost to Barcardine and will continue to have an affect across the region into the future.

"Barcardine Regional Council was proud to support and host this first-of-its-kind event. We know this is something we need to be looking at now, and I encourage landholders who are interested in connecting to hosting opportunities to jump on board and work with RAPAD," Cr Chandler said.

"This event was the result of extensive work by the RAPAD team, getting into unchartered territory and establishing valuable networks. The program has set a benchmark for future delivery relevant for our region, and connected locals to the right information, services and providers.

"Through RAPAD, the seven councils of Central Western Queensland aim to enhance the technology and digital economy of our region.

"As the symposium program noted, 'the sky's the limit', and this event certainly went beyond Council boundaries — and the outcome will always be a win for the RAPAD region, Outback Queensland and beyond.

"We're proud to be



A speaker from Insitu Pacific explains the details of the drone to the crowd as it takes off. The crowd was treated to real time video displayed on a tv outside the vans control center.

leading the charge for regional Australia to put the power of these technologies within reach of our communities," Cr Chandler said.

Outback Aerodrone Symposium 2018 was supported by the Queensland Government through Advance Queensland and the Barcardine Regional Council. RAPAD gratefully acknowledges the support of presenters and exhibitors as well as the local community who provided services and

support throughout the program.

Further information is available online at www.outbackaerodrone.com.au



Racing drone from Ace Aviation takes off as part of a demonstration.



Fiona Lakes talked about her experiences with drones as well as safety and technical information for people thinking about purchasing one. Fiona has been photographing the outback specialising in property work since the 1970's. She has recently become an expert in drone photography to capture property work from different angles.



Left to right: Neil Glentworth, Morgan Gronold, Rob Chandler, Steven Boxall, and Brett Walsh.



Longreach CEO Ian Bodill and Longreach Deputy Mayor Leonie Nunn.



Tony O'Brian tries on the DJI Drone First Person View goggles. Using head movements, the goggles move the drones camera and show the user what the drone can see.



A fixed wing drone take off at the start of the Gregory Park Exhibition. Flown by Insitu Pacific. Insitu is a global company. The drone pictured weighs 20kg and can cruise up to 16km at an altitude of 5000ft for 3.5 hours before needing to refuel. It is required to be manned continually by a certified pilot (as pictured at right).



The pilot of the fixed wing drone sits in the back of a van flying the drone using realtime video from the drone and satellite maps to track his position. The drone requires at least two people to operate – the pilot and a ground crew.



outbackaerodrone



@obkaerodrone

#outbackaerodrone

RAPAD OUTBACK AERODRONE



Symposium 2018

11 - 12 August 2018
Barcaldine, Central West Queensland

RAPAD is proud Outback Aerodrone Symposium exposing our region to the latest in drone and data technology, and to launch Outback Aerodrone: RAPAD's vision of a Centre of Excellence to position our region to be THE location to host national and global companies in BVLOS drone testing.

GUEST SPEAKERS & EXHIBITORS



ANDREW DONALD

Director, Commercial Program - Insitu Pacific Limited

Drew is the Director, Commercial Program at Insitu Pacific Limited, a Boeing Company, and is responsible for Insitu Pacific's Commercial Unmanned and Autonomous Systems.

In this role his key focus is to guide the effective development and efficient conduct of Insitu Pacific business, particularly in the growth and execution of new commercial business adjacencies. Prior to taking up this role, he was a Business Development Manager at Insitu Pacific Limited, responsible for formulating market strategies and developing Unmanned Aerial System (UAS) business opportunities in the Asia/Pacific region. The key focus was assisting military, civil and commercial entities in the establishment of effective UAS capabilities from the proven Insitu UAS portfolio.

Prior to joining Insitu Pacific, Drew spent over 15 years working in the air traffic and maritime vessel surveillance domains in a variety of roles around the world and prior to embarking on his civilian career spent twenty years serving in the Australian Defence Force.



NEIL GLENTWORTH

Founder, Executive Chairman of Glentworth

Neil works with clients each day to solve the most complex of business problems through data and information.

Passionate about productivity at a macro level, Neil is an active advocate of economic growth and the creation of public value. He provides tangible advice to global technology companies and all levels of government with a focus on practical ways to leverage digital technology for social and economic gain.

This event is proudly supported by



OUTBACKAERODRONE.COM.AU

DID YOU KNOW?

CASA launched the 'Can I fly there?' drone safety app in May 2017 to show operators where they can and can't fly, as well as detailing the safety rules.



PIETER VAN JAARSVELD
CEO, IDS Australasia

IDS is a global company focused on a broad market sector delivering complex solutions to homeland security, defence, mining and now agriculture.

IDS are entering the IoT industry and the first market is its sensors developed for the agriculture industry.

IDS Australasia is based in Brisbane and handles business in New Zealand and Papua New Guinea as well as in Australia.

IDS Australasia supports a full range of products and capabilities with unmanned aerial vehicles (UAVs) a particular area of expertise. There is great scope for UAVs combined with related systems in the field of smart agriculture. IDS Australasia is developing systems which combine the company's capabilities to enable effective offerings in this area.



FIONA LAKE
Fiona Lake Photography

Fiona Lake is a professional photographer and writer known for her pioneering rural advocacy. Her multi-strand business includes book publishing, photography commissions and overseas farm tours. Earlier this year our Ambassador to the US, Joe Hockey, opened Fiona's exhibition in Australia's Washington DC Embassy.

Fiona has won many awards over her three decade career and this year her Rural Drone Academy project was an AgriFutures Rural Women's Award finalist. She was the first Australian to judge the International Federation of Agricultural Journalists annual photography award and in September she will be the first Australian presenter at America's largest commercial drone expo, InterDrone.

Fiona started taking aerial photographs in 1988 and is now one of just 16 Australian women who are fully licenced drone pilots. Fiona has been running workshops across rural Australia to help boost numbers as she sees many small business opportunities for residents.

She is keen to point out that at present we have more female shearers than fully licenced female drone pilots - and this needs changing - as diverse industries are healthier.



DAN VOGELNEST
Co-founder & Technical Director, Ninox Robotics

Dan Vogelnest is the Co-Founder and Technical Director of Ninox Robotics, an Australian-owned and operated company that specialises in the application of military-grade unmanned aerial vehicles (UAV) or drones, for the purposes of invasive pest detection and management, infrastructure asset monitoring, bio-security intelligence and other agri-business purposes.

DID YOU KNOW?

Australia now has more drone operator certificate holders than manned aviation certificate holders.

(Source: CASA)



JOSHUA MANZIE

Farm Automation & Software Development, Australian Wool Innovation

Joshua studied Robotic Engineering at Curtin University and has worked in the development of a wide range of technical innovations from process automation to wearables in neurology, giving him a solid background in both hardware and software development.

He is now apart of the Farm Automation and Software Development Team at AWI, working on projects such as providing a solution to the connectivity problem using Microwave Dishes, the development of the Digibale Smart Tags and using Artificial Intelligence to increase productivity with making on farm decisions.

Joshua started at AWI at the start of this year as he saw it as an opportunity to work in an exciting and growing industry that is full of possibility for Innovation.



GUS CORLETT

Skies Eye Drone Services

Originally from Rhodesia, Gus moved to Australia and was schooled in Toowoomba where he enjoyed the rural scene and has since been fascinated with country life.

With an engineering background and hours of research on the impact of pest vertebrates, he decided to utilise a drone equipped with a thermal camera for locating these feral animals. Taking the plunge, Skies Eye Drone Services was formed and became a fully-fledged company in March 2016 after attaining the CASA required flying licensing and operational certification.

Skies Eye Drone Services has to a degree pioneered the use of drones or UAV's for feral animal management through extensive field trials on pigs, dogs, cats, foxes and deer. The experience and knowledge gained has pathed a way for us to implement a technique called DAGS (drone assisted ground shooting).



TIQ is the Queensland Government's dedicated global business agency, helping Queensland exporters take their products to world markets, and promoting Queensland as the perfect place for investment. RAPAD is pleased to welcome TIQ representatives together with international delegates for the inaugural Outback Aerodrone.



DID YOU KNOW?

In 2016, Goldman Sachs predicted a US\$100 billion market opportunity for drones by 2020. (Source: Qld Govt Drones Strategy)

ACEAVIATION
AEROSPACE ACADEMY

ACE AVIATION
Training Academy

We are on a mission to make drone flying accessible to everybody. Ace Aviation Aerospace Academy started mid 2016 to provide services and training for the remotely piloted unmanned area vehicle sector in Australia. Our journey begins with passion, interest and knowledge in this field derived from our founders with an Aviation background.



FlyFreely

FLY FREELY
Drone services

FlyFreely is a powerful services platform enabling the safe and effective operation of drone flights for enterprises. It is the only company that comprehensively coordinates all of the training, aircraft, mission, data and approvals in one place.

Fly Freely navigates the complex and unblock barriers, making drone operations simpler and easier for business. They will mitigate your risk and help you fly freely.



Outback
Property
Solutions

OUTBACK PROPERTY SOLUTIONS
Drones for property management

The Outback Property Solutions team is working to help graziers protect their livestock by supplementing the successful cluster wild dog fencing solution. The team is developing a solution to predators including wild dogs in remote areas where it is difficult to maintain an effective wild dog fence.

CONTACT US

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