



Queensland

**IPWEA**

INSTITUTE OF PUBLIC WORKS  
ENGINEERING AUSTRALASIA

**INFORMS. CONNECTS.**  
**REPRESENTS. LEADS.**

# BRANCH CONFERENCE HANDBOOK

## SWQ Branch Conference 2021

### Chinchilla, 18-19 March 2021



[www.ipweaq.com](http://www.ipweaq.com)





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IN PARTNERSHIP WITH WESTERN  
DOWNS REGIONAL COUNCIL



## Welcome from the Branch President

We are very pleased to welcome you to the IPWEAQ SWQ Branch Conference in Chinchilla in partnership with Western Downs Regional Council. This year's conference showcases local projects and activities including a keynote presentation on the Chinchilla Botanic Parklands. Ray Hicks, Brandon And Associates will speak on the IPWEAQ Excellence Award winning project, plus a Tech Tour on Thursday morning will take place at the parklands.

The informal Welcome Function will take place on Wednesday 17 March – join us for a drink before conference proceedings commence on Thursday morning! The Branch Conference Dinner has been generously sponsored by GenEng on 18 March, and will include an exciting charity auction.

We would like to thank our sponsors including Overall Conference Sponsor and Charity Auction sponsor Brandon and Associates, Branch Conference dinner sponsor GenEng, Morning Tea sponsor Shepherd and Afternoon Tea sponsor PDM.

Your support is invaluable and critical to the success of our conference. We hope you enjoy your time in Chinchilla!

**Andrew Johnson**  
SWQ Branch President





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## Conference Details

<b>Dates</b>	Thursday 17 March - Friday 18 March 2021
<b>Venue</b>	Chinchilla Cultural Centre 80-86 Heeney Street, Chinchilla

### About Chinchilla

Famous for its melons and a renowned spot for fossicking, fishing and camping, the colourful town of Chinchilla is an easy drive 81km west of Dalby along the Warrego Highway. The 'Melon Capital' of Australia produces 25 percent of the country's watermelons, rockmelons and honeydew melons and celebrates its status with the biennial Melon Festival.

### Registration

The registration desk is located at the entrance to the conference centre. Please register early and download this Handbook on your smart phone or tablet.

Registration desk opening times are:

<b>Thursday 17 March</b>	10:00 am - 11:00 am
<b>Friday 18 March</b>	7:30 am - 8:30 am

When you register, please purchase your raffle tickets at \$5 each or five tickets for \$20 for Rural Aid. If you purchase 5 tickets for \$20, you can place a sticker on the truck, showing you have personally purchased a bale of hay!

### App

Please download the IPWEAQ SWQ Branch Conference App to get the most out of your conference experience. Within the Attendee App you will be able to:

- Review the conference agenda
- Review and amend your registration, including social function attendance
- Search for and message other conference delegates, including Speakers and Exhibitors
- Receive conference alerts
- Access this conference handbook
- Vote for best paper

### Dress Code

Conference program, welcome and branch conference dinner: smart casual, no suits or ties.

### Photography

We will be taking photos throughout the conference and at social functions. Photos taken at the conference may be published in our journal, Engineering for Public Works, on our website and in marketing materials that promote our members, IPWEAQ and our industry. If you do not wish to be photographed, please advise our staff member and move out

of camera range. Otherwise, consent is presumed granted. If you would like to arrange a group photo of you and your colleagues, please be sure to arrange this with us.

### Conference Sponsors

We wish to acknowledge our Principal Partners (Department of Transport and Main Roads, Komatsu and Wagners), Partners, exhibitors and sponsors for their ongoing support and contribution to our successes. Please see page 18 for our event sponsors.

### Exhibition

The trade exhibition is located next to the conference space. It is open during registration and all catering breaks.

### Best Paper Award

The winner of the Best Paper award will be voted by delegates, Please download the APP to vote.

The winner of the Best Paper award will receive a complimentary registration to attend the IPWEAQ Annual Conference to be held in Cairns at the Cairns Convention Centre 12-14 October, 2021.

### WiFi

There is no WIFI at this venue.

### Dietary Requirements

If you have informed us of any special dietary requirements (vegetarian, vegan, coeliac etc), this information has been passed on to the catering team and any external venues for social events you have registered to attend.

Please make yourself known to the catering staff during meal breaks and social functions. All efforts have been made to accommodate your requests.

### Feedback

After the conference, we will email your certificate of attendance with CPD hours stated together with a conference survey form.

Your feedback is valued and will guide us for future events. Thanking you in anticipation.

### Conference Contacts

Monica Robertson	0481 266 355
Leigh Cunningham	0449 987 238
Craig Moss	0431 745 277

**We look forward to welcoming you to the SWQ Branch conference in Chinchilla! Please share your experiences on social media using #SWQ21**



## Social Events

### Welcome Function

Delegates are invited to an informal welcome where they can purchase their own food and drinks.

<b>Venue</b>	The Club Hotel 131 Heeney St, Chinchilla
<b>Date</b>	Wednesday 17 March
<b>Time</b>	6pm - 8pm

### Branch Conference Dinner

<b>Venue</b>	Chinchilla Museum 17-33 Villiers Street, Chinchilla
<b>Date</b>	Thursday 18 March
<b>Time</b>	6pm - 10pm

## New Members

We would like to welcome our new members:

Jonathon Andison	Brenda Kelly
Justine Baillie	Robyn Lawson
Paul Bottle	Ashishkumar Laxmansingh
Andrew Davidson	Hayden Madder
David Eberhard	Tom Murphy
Nick Ehrlich	Nathan Pamogas
Rouz Fard	Bradley Pearce
Samuel Faulkner	Sam Salem
Deborah Fenton	Michael Stenzel
Cody Granger	Ashlii Timms
Ben Harvey	Jason Wardle
Mark Hayes	Kelvin Woods
Ryan Hicks	Xuesong (Bill) Zhang
Lee Jackson	

## Distinguished Members

Name	Organization	2020-2021 Advances
Ged Brennan	GenEng Solutions Pty Ltd	30 Years
Mike Brady	Toowoomba Regional Council	25 Years
Andrew Johnson	Somerset Regional Council	25 Years
Bryan Payne	Brandon & Associates Pty Ltd	25 Years

Name	Organization	2020-2021 Advances
Paul Quinlan	Toowoomba Regional Council	25 Years
Ian Stewart	Retired	20 Years
Geoff Thompson	Thompson Consulting Engineers	20 Years
Greg Clark	Site & Civil Consulting	10 Years
James D'Arcy	South Burnett Regional Council	10 Years
Debra Dibley	Western Downs Regional Council	10 Years
David Donohue	Brandon & Associates Pty Ltd	10 Years
Kevin Flanagan	Retired	10 Years
Stephen Gray	Agraco Pty Ltd	10 Years
Justin Holzheimer	RMA Engineers	10 Years
David Jackson	Department of Transport and Main Roads	15 Years
Dion Jones	Goondiwindi Regional Council	10 Years
Terry McIvor	Retired	10 Years
Trevor Seth	Goondiwindi Regional Council	10 Years
Eric Stafleu	GenEng Solutions Pty Ltd	10 Years
Andrew Volpato	Toowoomba Regional Council	10 Years
Matthew Burdett	Lockyer Valley Regional Council	5 Years
Bede Castles	Instrada	5 Years
Kevin Chambers	Main Roads	5 Years
Jason Cook	Western Downs Regional Council	5 Years
Justin Crick	Consultant	5 Years
Angela Fry	GHD Pty Ltd	5 Years
Stephen Holland	Toowoomba Regional Council	5 Years
Ashlee Jesshope	Possington Consulting Ltd	5 Years
Shalika Low	Western Downs Regional Council	5 Years
Wayne Mills	Bulloo Shire Council	5 Years
Haydn O'Leary	Toowoomba Regional Council	5 Years



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Name	Organization	2020-2021 Advances
Aiyathurai Rameswaran	Toowoomba Regional Council	5 Years
Adam Rogers	Haro Civil Engineering	5 Years
Michael Shellshear	Proterra Group Pty Ltd	5 Years
Craig Sleeman	Toowoomba Regional Council	5 Years
Leon Surawski	Toowoomba Regional Council	5 Years
Graham Sweetlove	Maranoa Regional Council	5 Years
Luke Tanner	Goondiwindi Regional Council	5 Years

## Join IPWEAQ

Join IPWEAQ for the 1/2 year to 30 June 2021 for:

### Member:

~~Annual Subscription~~ \$280 plus GST

**HALF YEAR** \$140 plus GST

### Graduates up to 5 years post-graduation:

~~Annual Subscription~~ \$190 plus GST

**HALF YEAR** \$90 plus GST





## Councils and Organisations

We look forward to welcoming delegates from the following councils and organisations:

### Council

- City of Ipswich
- Goondiwindi Regional Council
- Lockyer Valley Regional Council
- North Burnett Regional Council
- Quilpie Shire Council
- Scenic Rim Regional Council
- Somerset Regional Council
- South Burnett Regional Council
- Southern Downs Regional Council
- Toowoomba Regional Council
- Western Downs Regional Council

### Organisation

- ACS Engineers
- Apprenticeship Careers Australia
- ATC Engineers & Project Managers
- Australian Concrete Mats
- Baker Rossow Consulting Engineers
- Bambrick Consulting Pty Ltd
- Boral
- Brandon & Associates Pty Ltd
- CARDNO Ltd
- Department of Transport and Main Roads
- Dial Before You Dig
- Engeny Management Pty Ltd
- Fulton Hogan Industries Pty Ltd
- GenEng Solutions Pty Ltd
- GHD Pty Ltd
- Haro Civil Engineering
- Holcim (Australia) Pty Ltd
- Huesker Australia Pty Ltd
- Ingal Civil Products
- InQuik Pty Ltd
- Interflow
- IPWEAQ
- Joe Wagner Group
- Leading Roles
- LGIASuper
- Local Buy
- Local Government Finance Professionals (Queensland)
- LO-GO Appointments
- McBerns Innovative Solutions
- McCullough Robertson
- Norton Rose Fulbright Australia
- Origin Energy
- Orion Solar
- PDB Project Solutions Pty Ltd
- Peak Services
- Project Delivery Managers
- Proterra Group
- Queensland Reconstruction Authority
- Redfrost Pty Ltd
- RMA Engineers
- RudTek Pty Ltd
- Saferoads
- Shepherd
- Stabilised Pavements of Australia
- Sullivan Consulting Engineers
- SuperSealing
- Thompson Consulting Engineers
- Tonkin Consulting Pty Ltd
- Wagners CFT Manufacturing Pty Ltd
- Water Modelling Solutions





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## Our Partners

### PRINCIPAL PARTNERS



### ENTERPRISE PARTNERS





IN PARTNERSHIP WITH WESTERN  
DOWNS REGIONAL COUNCIL



## Our Subscribers





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## Our Subscribers





## Program

Wednesday, March 17, 2021

6:00 PM - 8:00 PM

### Informal pre-conference drinks

Join us for an informal catch up before the conference commences. Delegates will be able to purchase their own food and drinks.

Thursday, March 18, 2021

8:00 AM - 10:00 AM

Tech Tour - Chinchilla Botanic Parklands  
(leave from the Cultural Centre)

10:00 AM - 11:00 AM

Registration Open (Day Two)  
Overall Conference Sponsored by Brandon & Associates

### Session 1

11:00 AM - 11:10 AM

#### SWQ Conference Welcome

11:10 AM - 11:30 AM

SWQ Conference Opening  
Cr. Paul McVeigh, Mayor - Western Downs Regional Council

11:30 AM - 12:00 PM

Chinchilla Botanic Parklands  
Ray Hicks, Brandon And Associates

12:00 PM - 12:30 PM

The Cherbourg experience  
Aaron Meehan, South Burnett Regional Council

12:30 PM - 1:30 PM

### Lunch

### Session Two

1:30 PM - 1:50 PM

How to manage contamination issues associated with decommissioning Council Facilities  
Imogen Bird, GHD

1:50 PM - 2:10 PM

Dirranbandi Water Treatment Plant - Bore Water Cooling  
Clare Ferguson, Proterra Group

2:10 PM - 2:30 PM

Coopers Gap Wind farm  
James Darcy, South Burnett Regional Council

2:30 PM - 3:00 PM

What keeps you awake at night?  
Craig Moss & Scott Britton, IPWEAQ

3:00 PM - 3:30 PM

### Afternoon Tea

### Session Three

3:30 PM - 3:50 PM

Do you know your local Native Title Landscape?  
Mark Lamont, IPWEAQ

3:50 PM - 4:10 PM

Temporary Traffic Management Harmonisation in Queensland  
Troy Hansen, Department of Transport and Main Roads

4:10 PM - 4:30 PM

TMR Road Safety Planning  
Bryan Freeman, Department of Transport and Main Roads

4:30 PM - 5:00 PM

Investing for resilient communities  
Jimmy Scott, Queensland Reconstruction Authority

6:00 PM - 10:00 PM

### Conference Dinner | Sponsored by GenEng



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## Friday, March 19, 2021

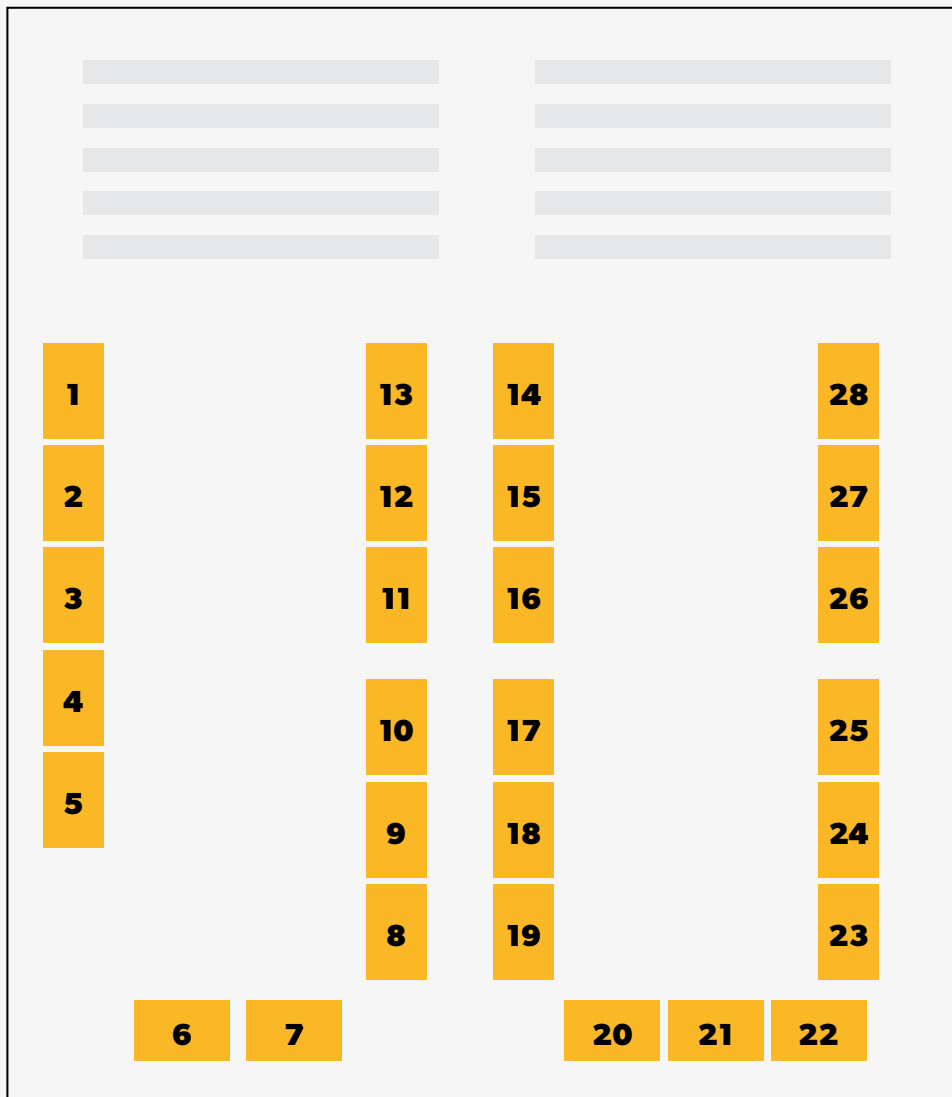
7:30 AM - 8:30 AM	<b>Registration (Day Two)</b> <b>Overall Conference Sponsored by Brandon &amp; Associates</b>
	<b>Session Four</b>
8:30 AM - 8:40 AM	Welcome and housekeeping
8:40 AM - 9:00 AM	Rockhampton Regional Council Takes Unsealed Roads Management Online Darren Shepherd, Shepherd
9:00 AM - 9:20 AM	Drones, A.I and the Future of Asset Data, from Zero(s) to Hero Shelly Burchett, Proterra Group
9:20 AM - 9:40 AM	Increasing data integrity for asset owners Andrew Franzmann, Project Delivery Managers
9:40 AM - 10:00 AM	Useful Lives – An Accountant’s Perspective Tony Brett, Local Government Finance Professionals of Queensland
10:00 AM - 10:30 AM	Unknown, Unknowns - Latent conditions and dealing with unknown Xavier Milne, McCullough Robertson Lawyers
10:30 AM - 11:00 AM	<b>Morning Tea   Sponsored by Shepherd</b>
	<b>Session Five</b>
11:00 AM - 11:20 AM	Pre-fabricated building projects – how to deliver through match-fit contracts Ren Niemann, Norton Rose Fulbright Australia
11:20 AM - 11:40 AM	A reseal contract like no other: How external factors united in unprecedented fashion Cameron Ives, GenEng Solutions
11:40 AM - 12:00 PM	Microsurfacing and Cape Seals in the Darling Downs District Bernie-Anne Freeman, Department of Transport and Main Roads
12:00 PM - 12:20 PM	Gravel Loss on unsealed road and material quality Vasu Pardeshi, Scenic Rim Regional Council
12:20 PM - 12:40 PM	Branch Update Andrew Johnson, SWQ Branch President
12:40 PM - 1:45 PM	<b>Lunch (including raffle draws)</b>
	<b>Session Six</b>
1:45 PM - 2:05 PM	Engineering Considerations in Main Street and Placemaking Developments Paul Simons, Tonkin Consulting
2:05 PM - 2:25 PM	Design & Construction of West & East Creek Culvert Upgrades, Toowoomba Clayton Rogers, Department of Transport and Main Roads
2:25 PM - 2:30 PM	<b>SWQ Conference Close</b>



## Exhibitors

We are delighted to confirm there are 28 exhibitors in Chinchilla located as follows.

### STAGE



<b>1</b>	Huesker Australia	<b>8</b>	Wagners CFT Manufacturing Pty Ltd	<b>16</b>	Australian Concrete Mats	<b>25</b>	Peak Services
<b>2</b>	McCullough Robertson Lawyers	<b>9</b>	Orion Solar	<b>17</b>	Local Buy	<b>26</b>	Dial Before You Dig
<b>3</b>	McBerns Innovative Solutions	<b>10</b>	Stabilised Pavements of Australia	<b>18</b>	Project Delivery Managers	<b>27</b>	Ingal Civil Products
<b>4</b>	CARDNO Ltd	<b>11</b>	Boral	<b>19</b>	ACS Engineers	<b>28</b>	Water Modelling Solutions
<b>5</b>	InQuik Pty Ltd	<b>12</b>	Leading Roles	<b>20</b>	Joe Wagner Group		
<b>6</b>	Department of Transport and Main Roads	<b>13</b>	Saferoads	<b>21</b>	Norton Rose Fulbright		
<b>7</b>	Fulton Hogan Industries Pty Ltd	<b>14</b>	Interflow	<b>22</b>	LGIAsuper		
		<b>15</b>	SuperSealing	<b>23</b>	Holcim/Humes Australia		
				<b>24</b>	Proterra Group Pty Ltd		



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## Sponsors

Thank you again to our wonderful sponsors for this year's SWQ Branch Conference.

Sponsorship	Sponsor
<b>Brandon and Associates</b> <b>Overall Conference Sponsor</b> (Platinum sponsor)	
<b>GenEng</b> <b>Branch Conference Dinner Sponsor</b> (Gold sponsor)	
<b>Brandon and Associates</b> <b>Charity Auction Sponsor</b> (Silver sponsor)	
<b>Shepherd</b> <b>Morning Tea Sponsor</b> (Bronze sponsor)	
<b>PDM</b> <b>Afternoon Tea Sponsor</b> (Bronze sponsor)	

## Social Media Handles

We encourage exhibitors to use our handles when posting to social media:

 @IPWEA Queensland       @IPWEAQ  
 @IPWEAQ       @ipweaq

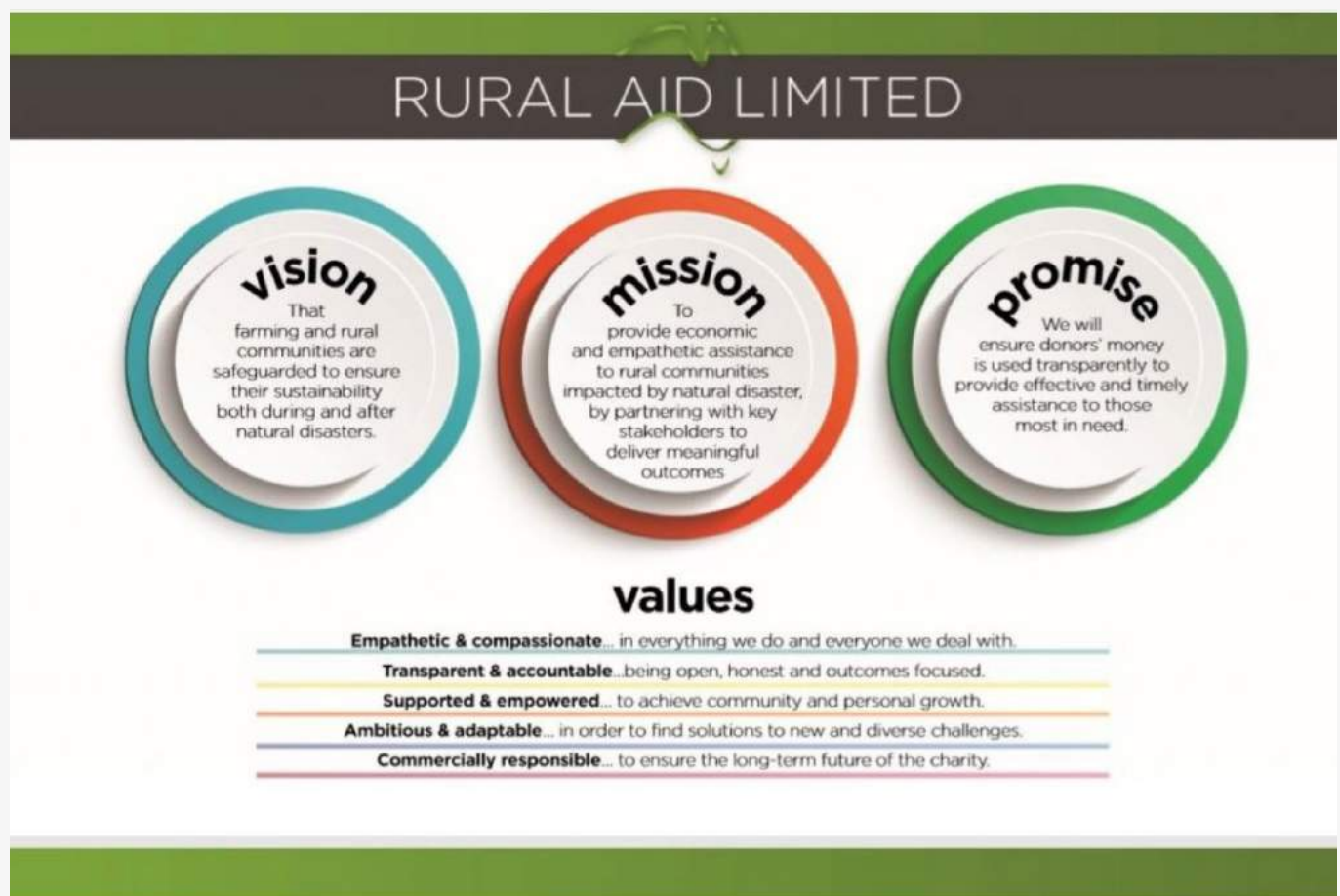




## President's Charity – Rural Aid

Rural Aid is one of the largest rural charities in Australia. A nationwide charity, it was founded by Charles and Tracy Alder in 2015. Its focus is twofold – to provide support to farmers and rural communities in times of natural disaster as well as supporting the sustainability of the agricultural sector.

During the SWQ Branch Conference, we will be selling raffle tickets to raise money for Rural Aid. Tickets will be sold throughout the conference at 5 for \$20 or \$5 per ticket. Drawing of the raffle will be on Friday 18 March.





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# NATIVE TITLE & CULTURAL HERITAGE PORTAL AND RECORD KEEPING TOOL

IPWEAQ's new native title and cultural heritage portals help you comply with the law and avoid acts that will impact on cultural heritage and native title including impairment and extinguishment. The portals establish a methodical, documented, robust process and establish that an appropriate level of thoroughness was applied in determining whether or not to proceed with works.

**Section 51(1) Native Title Act 1993** - an entitlement on just terms to compensate native title holders for any loss, diminution, impairment or other effect of the act on their native title rights and interests.

## i M P A C T

**i** ntegrated  
**M** anagement  
**P** ortal for  
**A** ssessment of  
**C** ultural heritage and native  
**T** itle

## SUBSCRIPTIONS

Subscriptions now open for the first year of iMPACT!

Annual Subscription	Plus GST
One-off Project Assessment	\$1,000
Councils with less than 25,000 constituents	\$3,000
All other councils, utilities, consultancies and other industry entities eg mining, pastoral.	\$5,000
Access to iMPACT including ongoing capability training to meet your changing needs.	\$10,000

**Public Works Technical Subscription** Apply a 10% discount if your council is a PTWS subscriber.

1. Resource to undertake complex assessments in a logical framework with templates, lists, registers and geo-spatial mapping.
2. Detailed record keeping system which generates a PDF documenting all elements of the assessment including text, maps and photographic evidence which supports the reason for your decision.
3. User friendly portal with a step by step process to ensure infrastructure and other projects comply with legislation which will save you time and money.
4. Interactive site which links to the latest information in government and other databases.

Contact Director, Information & Resources  
📧 Mark.Lamont@ipweaq.com 📞 3632 6806

    [www.ipweaq.com](http://www.ipweaq.com)





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# Professional Development

Native  
Title and  
Cultural  
Heritage

Urban  
Planning

Construction  
Law

Construction  
Practices

Asset  
Management

Stormwater  
Drainage

Design  
Practices

Professional  
Practice

Traffic  
Engineering

Contract  
Management

Leadership

Finance for  
Technical  
Professionals

## Continuing your professional development

All programs can be  
customised to meet your  
specific needs and delivered  
at your preferred location.

In-House  
Courses

PD packages







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