IPWEA (NSW Division) is established to be a charity with the purpose of advancing public works excellence in Australia, particularly in NSW by:

- Conducting and publishing research into improvements to the processes used in public works and services to enhance NSW Communities
- Working with government at all levels to ensure that the interests of the community are represented in regard to the public decision-making process relating to public works and services, and
- Providing a forum for all people engaged in public works to discuss best practice and enhancing the future of NSW Communities
It is my great privilege, on behalf of the Board and our wonderful team, to present the IPWEA (NSW) Annual Report 2017/18. It has been an incredible year where we have passionately pursued advocacy and parliamentary engagement seeking a better deal for our community and our members.

The Notice of Motion for Recognition of Engineers has passed. We await government’s decision on the motion. The Notice of Motion for Local Government and our Foreign Affairs and Trade Committee in the NSW Parliament has been tabled. We are working to make sure the spirit of the motion is not lost.

Local Government and the private sector must do their share of the heavy lifting by developing sustainable infrastructure. There are 300,000 regional road projects that need to be delivered in the next four years, two-thirds of which are under the control of councils.

The need for a sustainable and more equitable approach to delivering road safety is recognised by the NSW Government. The LG Road Safety and Freight Melinda Pavey, MP highlighted the new $125m Saving Lives on Country Roads Program as a significant step forward and called for collaboration among all levels of government.

Delegates adopted a communiqué calling for the development of a sustainable and more equitable funding model to look after roads, target road safety and open up the local road network to more efficient transport to better service our community and drive the NSW economy forward.

Presenting at the Congress, Minister for Roads, Maritime, and Freight Melinda Pavey, MP highlighted the new $125m Saving Lives on Country Roads Program as a significant step forward and called for collaboration among all levels of government. The Minister also confirmed the LG Road Safety Program through to 2021. Almost 90 per cent of NSW roads are under the control of councils.

We’re urging all councils to identify and affordable ways to deliver improved road and workers’ safety.

Delegates adopted a communiqué calling for the development of a sustainable and more equitable funding model to look after roads, target road safety and open up the local road network to more efficient transport to better service our community and drive the NSW economy forward.

The NSW Government is looking ahead to embed the three cities concept and shift more commuters onto modern accessible rail. Their challenge now is to deliver these alternative transport modes to mitigate the number of cars on city roads.

In regional areas, we’re seeing record investment in the state highway system with major allocations to the Pacific and Princes Highways. For local roads, the Bridges for The Bush ($335m) and Fixing Country Roads ($543m) Programs will provide Councils the opportunity to overcome freight impediments and improve the productivity of agriculture, forestry and other agribusinesses. These works are vital given the reliance on road transport in regional NSW.

The additional $390m for road safety over the next four years is badly needed with 392 fatalities and more than 12,000 serious injuries on our roads in 2017, and the trend has worsened each year since 2014. It is vital that the NSW Government better support local councils through improved capacity building in pro-active road safety planning, and by funding road safety measures, particularly in regional NSW where over two thirds of fatalities occur.

Coeinciding with this, the Roads and Transport Directorate, in collaboration with Local Government NSW hosted the Local Roads Congress 2018 at the Intercontinental Hotel this year and had a very strong attendance. There was one clear message coming out of the Local Roads Congress which was Councils’ need to take immediate action to address the horrific road toll. It is vital that we shift our culture from project management to network management, and find new clever and affordable ways to deliver improved road and workers’ safety.

Invitational grants have provided the framework for the development of Local Government NSW’s $2.4 billion 20-year Local Roads Strategy. This is a once in a generation opportunity for councils to make a real difference to road safety and freight efficiency on local road networks.
Highlights from 2017-18 include:

- The launch of the Public Infrastructure Directory.
- Evidence based case using the Audit of Skills Capacity in Local Government NSW Survey.
- The Notice of Motion for recognition of Engineers was given greater exposure with the additional support of several MPs.
- Delivery of the successful NSW Local Roads Congress at Intercontinental Sydney (www.ipwea.org/roadstransportdirectorate).
- Another remarkable State Conference held at Hunter Valley including the ever-growing Engineering Excellence Awards dinner. Congratulations to all who presented papers at the Conference and to our winners including Todd Clarke who was awarded the David Abbott award and John Marett who took out the Public Works Leader of the Year Award. A big thank you to our judges Geoff Fowler, John O’Connor, Greg Moran and Henry Wong who covered the breadth of NSW to select the winners from 91 nominations.
- Regional forums travelled to 12 locations across NSW with 489 people attending.
- Celebrating the 100th Regional Forum

We had a number of new training courses including Introduction to Asset Management, IPART Special Rate Variation Application and Geometrical Road Design in collaboration with CPEE with over 620 delegates attending professional development workshops during 2017-18.

- 2nd Emerging Technologies Industry Conference was held in June 2018 with increased attendance and successful Vivid cruise.
- Support from the NSW Labor Party for the re-distribution of Federal Assistance Grants to regional NSW with new rating arrangements to allow city Councils to retain income sources

All of this is only made possible through the volunteer efforts of your NSW Board. During the Annual General Meeting, held on 9th November 2017, the new board of Directors 2017-2020 were announced. We welcomed two new board members at the last election. Elected Board of Directors are:

Mr Warren Sharpe OAM (President), Eurobodalla Shire Council
Mr Peter Shields (Vice-President), City of Sydney Council
Mr Gary Woodman, Gary Woodman Consulting & Project Management
Mr Garry Hemsworth, Mid-Western Regional Council
Mr Paul Gallagher, Namucca Shire Council
Mr Will Barton, Canterbury Bankstown Council
Mr Bill Woodcock, COMPLETE Urban
Mr Mark Roebuck, Wollongong City Council
Mrs Nicola Diaboul, Assetic

We also formally acknowledged our two outgoing Board Members, Grant Baker and Ken Halstead. Grant Baker joined the IPWEA (NSW) Board in 2014 and it has been a pleasure seeing an already passionate and forward-thinking engineer with an interest in surveying engage fully in the Institute’s affairs. Grant was a hands-on Director working closely with the entire team at IPWEA (NSW). As a result of his efforts, as the Events Portfolio Director, he has been a big part of growing the Institute’s annual events in size and reputation.

Ken Halstead was first elected onto the IPWEA (NSW) Board in 2000, and in 2014 he also took a seat on the IPWEA Australasian Board. During that time, Ken has been a loyal advocate for local Government engineering; at UTS, in short courses for IPWEA, in local politics, a councillor and as a mayor, (on more than one occasion) Ken is a keen advocate for recognition of engineers and has always been a strong educator with a passion for probity, equity and justice. 17 years of service is an incredible achievement and Ken’s contribution to IPWEA (NSW) is immeasurable.

On behalf of the NSW Board and you the members, I want to also recognise and thank our professional team at IPWEA (NSW) ably led by CEO John Rodyhouse, who celebrated his 10-year anniversary with IPWEA (NSW) on the 22 February 2018. The IPWEA (NSW) Board and staff presented John with a celebratory plaque to show our sincere appreciation of his passion and dedication in promoting excellence in Public Works Engineering.

Finally, I’d again like to thank you, our members for your continued recognition of the many benefits of contributing to IPWEA (NSW) activities. We look forward to serving and working with you to meet the many challenges and to make the most of the opportunities that lie ahead through active participation and deliberate collaboration.

I look forward to socialising with many of you in the coming year at one of the many unmissable IPWEA (NSW) events.

Warren Sharpe OAM
President IPWEA NSW
Twitter – @WarrenSharpe5
Halstead and Grant Baker. Their contribution, support and mentoring has not diminished and they remain valuable contributors to the IPWEA (NSW) Family.

The Board decided to reshuffle the portfolios to facilitate the continuing change in the sector including areas of technology innovation, project management and industry leadership. Overwhelmingly our IPWEA (NSW) services have been well supported by our members. Attendances at all our events continue to increase.

After nine years of hosting Regional Forums across the length and breadth of the state with over 3500 public works professionals attending, we celebrated our 100th Regional Forum at the Maritime Museum on Friday the 20th April. This event was strongly supported with the President of LG NSW Clr. Linda Scott and the Parliamentary Secretary to both the Premier and Treasurer, Mr Jonathan O’Dea MP in attendance.

Our strong network of Regional Groups led by the dedicated Chairs, Secretaries and Young Professional Groups has naturally shown offer engineers and practitioners across the state an opportunity to overcome the isolation of their locations and meet with like-minded professionals to share their challenges and their successes. It is always rewarding to attend these meetings and witness first-hand the challenges and learning experiences these networking meetings offer. It is IPWEA (NSW)’s intent to where ever possible ensure at least one staff member is in attendance to support our members.

Our Annual State Conference and Engineering Excellence Awards Gala Dinner was held in the Hunter Valley with over 400 delegates attending. We had a record high number of sponsors with displays ranging from the NSW Highway Patrol cars with the sophisticated inbuilt technology to Boral’s virtual reality airport renewal. Our keynote from Dr. Gregory certainly challenged our thinking on what was possible. This year we again broke our record with 106 submissions for our awards. Our state Leader of the Year, John Maretich, and Emerging Leader, Todd Clarke, were outstanding and I would encourage you all to seek out the leaders you see in action every day and consider nominating them for next year’s Awards. We often forget about the human element of our substantial infrastructure projects and the people who drive and encourage our teams and their contribution deserves recognition.

The IPWEA (NSW) Emerging Technologies in Public Infrastructure Conference was held at the InterContinental Hotel Sydney in June. Hosted by Michael Pascoe, Financial Commentator, the program showcased new technologies within the public infrastructure sector. Minister Paul Fletcher MP opened the conference with an announcement about the National Infrastructure Data Collection and Dissemination Plan and we had some outstanding speakers on energy, transport and water technology amongst other topics. The conference ended with a dinner on the Sydney Opera House.

Our Roads and Transport Directorate held another successful NSW Local Roads Congress with thoughtfull debate on the challenges of managing the road network in NSW with a focus, not just on funding but also safety for our communities. With both the Minister and Shadow Minister in attendance, the detailed Congress Communiqué provided a strong platform for leadership across all levels of government. Again, the partnership between IPWEA (NSW) and LG NSW contributed to the success and engagement with both technical managers and elected representatives attending to strengthen the importance of the NSW Local Roads Congress.

IPWEA (NSW) continues to offer members leading edge products and services. The establishment of Member Advisory Panels including Asset Management, Innovation and Project Management will allow for greater interaction with members on the development of new and innovative tools, along with increased resourcing to provide technical advice to other levels of government. It is significant to report the involvement of agencies such as TfNSW, RMS, PWA, State Audit Office and OLG with our panels.

Earlier in the year, we launched the Public Infrastructure Directory responding to a need we identified to assist engineers, design and procurement professionals to source emerging technologies, products and services. This online resource facilitates the ordering process for both public works professionals and suppliers. Not only is it a searchable directory of suppliers, it also has a unique procurement management tool provided free of charge. More recently a technical library of project case studies and a mobile app were introduced and the number of listings continues to grow. This business unit has invested in technology and is in line to deliver a financial return to the organisation in the 2018-19 financial year. The Board and senior management team have also conducted considerable due diligence and market identification. On another note we are excited to announce the relaunch of CIVENEX. Australia’s Premier Infrastructure Expo is set to take place 14 – 15 May 2019 as part of Sydney Build.

It was a humbling experience to represent the organisation when IPWEA (NSW) was recognised by other Associations for exceptional performance and service delivery on behalf of our members. In July, IPWEA (NSW) was a Finalist in the 2018 Association of the Year Awards. This recognition was well deserved by our hard-working team and by our members who volunteer to participate on our Committees, our Regional Councils, our Panels and our Regional Groups.

Innovative, Valued Profession

Last year I mentioned the work we were doing to highlight the imperative for engineering to be recognised as a profession. We conducted a skills audit of capability in NSW Councils to determine the level of engineering capacity in each local government area and its preparedness to adequately maintain existing and build new public infrastructure in NSW. The audit delivered a very strong 84% participation rate across the Counties in NSW. The evidence confirmed that all Councils have a degree qualified Engineer on staff. This refuted the argument that Councils are unable to attract or afford qualified personnel. However, only 71% of staff performing the role of an engineer are qualified and only 16% are Chartered Engineers. In addition, only 53% of Councils surveyed, reported they were training Cadet Engineers for the future. The challenge before us is to establish pathways to enhance the skills, capabilities and competencies of the existing workforce and ensuring all Councils commit to developing the skilled, qualified Engineers that will be needed to deliver excellence in infrastructures services into the future.

We have taken a proposal to all Members of Parliament in NSW; - introduce a requirement for all Local Government authorities to have a suitably Qualified Engineer; to be phased in with industry consultation; - call on the Government to recognise Engineers as a Profession, through state and national registration scheme; - support cadetships for Civil Engineers across all government projects, in order to ensure long-term workforce capabilities. This proposal importantly has the support of both LG NSW and LGEA. We knew this would be a long process and we are hoping to see progress before the NSW election in 2019.

Our focus last year was encouraging diversity and I am pleased to report that we are starting to see some success particularly in gender inclusiveness. At the Women for Local Government Awards 2018, in March in Parliament House, Cate Fennell, Parkes Shire Council, was awarded Highly Commended for Women in a Non-Traditional Role – Rural or Regional Council category. Cate was nominated after her moving keynote presentation at our State Conference in November 2017. The Board has also recommended a minor amendment to our Constitutional purpose to include recognition of diversity. Members will have the opportunity to show their support at the forthcoming Annual General Meeting to be held in conjunction with the State Conference.

Once again, our team has gone through some changes, but as our staff continue to grow and develop, they will employly seek new challenges in new areas. Most importantly we are all proud of the continuing diversity in our Team and the way each team member is prepared to help out whenever there is a need. As a successful Recognised Training Organisation we role model the importance of learning and capability development and...
Chief Executive Officer
John Roydhouse
in 2018-19.
for your involvement with the
I want to thank all our members
this area of our business has

@ipweansw

Executive Summary
Asset management performance measures*

How many Engineers are currently chartered or certified? (whether qualified or not)?

questionnaire
the Audit of Skills
did not respond to
19 Councils who
NSW to date, 109 councils out of a total of 128 responded. The audit has delivered a very strong 85% participation rate.
IPWEA (NSW) recently conducted an audit of NSW Councils to determine the level of engineering capacity in each local government in

IPWEA (NSW) and others are advocating for the recognition of Engineers in NSW to ensure a strong and skilled workforce to maintain and

NSW. The audit seeks to clarify the skills and capacity of Local Government in NSW to adequately maintain existing and build new public

IPWEA NSW Division Annual Report

Portfolios – Membership
Gary Woodman Consulting &
BE (Hons), LGE, RPEng (Civil), RPEQ, FIPWEA, MLGMA, GAICD

Director Infrastructure Services
BE (Hons), LGE, EE&M, Ass Dip Management, GAICD, MIPWEA

Director Infrastructure Services Eurobodalla Shire Council.

IPWEA Australasia Board
Member. Appointed 18 February 2011.

Peter Shields
Vice President
(from 9 November 2017)

Portfolios – Advocacy, Leadership and Brand / Membership Engagement and Development.

BE (Hons) UTS, MBA, Technical Services Manager, City of Sydney, Chair Professional Development Panel.

Appointed 16 October 2014.

Gary Woodman
Portfolios – Membership Engagement and Development / Public Works Technical Resources.
Attendance at board meetings

During the year ended 30 June 2018, there were 12 meetings of the Board. These included seven held by teleconference. Attendances of Directors were as follows:

<table>
<thead>
<tr>
<th>Director</th>
<th>Eligible</th>
<th>Attended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warren Sharpe OAM</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Peter Shields</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>Bill Woodcock</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Gary Woodman</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Garry Hemsworth</td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>William Barton</td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>Paul Gallagher</td>
<td>12</td>
<td>9</td>
</tr>
<tr>
<td>Nicola Daaboul (from 9/11/17)</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>Mark Roebuck (from 9/11/17)</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>Ken Halstead (until 9/11/17)</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Grant Baker (until 9/11/17)</td>
<td>5</td>
<td>4</td>
</tr>
</tbody>
</table>

Company secretary

The Company Secretary at the date of this report is:

John Roydhouse GAICD
Chief Executive Officer
IPWEA (NSW) since August 2013, Secretary, NSW Municipal Engineering Foundation.

Principal activities

IPWEA (NSW) is established to be a charity with the purpose of advancing the public works sector in Australia, particularly in NSW by:

- conducting and publishing research into improvements to the processes used in the industry
- working with government at all levels to ensure that the interests of the public works industry are represented in regard to the public decision-making process, and
- providing a forum for all people engaged in the public works industry to discuss best practice and enhancing the future of the industry

Significant changes in state of affairs

During the year a new business initiative of Public Infrastructure Directory was created. (www.publicinfrastructure.com.au). The Board also continued with the efforts to rejuvenate the CIVENEX tradeshow and are excited to report the return of CIVENEX in March 2019, co-hosted with Sydney Built show. There have been no other significant changes in the company’s state of affairs during the financial year.

After balance date events

No matters or circumstances have arisen since the end of the financial year which significantly affected or may significantly affect the operations of the Company, the results of those operations or the state of affairs of the Company in future financial years.

Short and long term objectives

The strategic priorities are reflected by 6 Key Focus Areas. They cover the Portfolios set for Directors and other identified program areas. Built into the strategic objectives are short and long term objectives including twelve month and five year objectives. This strategic approach identifies the specific actions that staff and Board members are tasked to undertake in each of the 6 strategic objectives taking into account the Vision and Mission of IPWEA (NSW), current performance and benchmarks.

Members’ liability

The Institute of Public Works Engineering Australasia (NSW Division) Limited is a company limited by guarantee. In the event of the company being wound up:

1. Limited liability of members

The liability of members is limited to the amount of the guarantee in clause 2.

2. The guarantee

Each member must contribute an amount not more than $10 (the guarantee) to the property of the company if the company is wound up while the member is a member, or within 12 months after they stop being a member; and this contribution is required to pay for:

i. debts and liabilities of the company incurred before the member stopped being a member, or
ii. costs of winding up.

Auditor’s independence declaration

A copy of the Auditor’s Independence Declaration as required under Section 307C of the Corporations Act 2001 given to the Directors by the lead auditor for the audit undertaken by Cutcher & Neale Assurance Pty Limited is included. Signed in accordance with a resolution of the Board of Directors of the Institute of Public Works Engineering Australasia (NSW Division) Limited.

Warren Sharpe OAM
IPWEA (NSW) President
@WarrenSharpe5
Dated at this Day 14 September 2018

FINANCIAL REPORT

The statement of profit or loss and other comprehensive income for the year ending 30 June 2018 reports a deficit of $267,332 (2017 - a deficit of $296,974). After excluding the results of the Roads & Transport Directorate, which is funded independently from existing reserves, the operating deficit reported is reduced to $140,617 and compares to a deficit of $250,233 in the previous year.

The directors and management have developed plans and initiatives over the past two years to address the operating deficits which were triggered recently by the cessation of a major trade event that had contributed significant financial surpluses up until 2016. The operating results this year include deficits of $269,208 which are attributable to the development of new business units which are forecast to develop into sustainable and financial surplus generating activities in future years. This amount includes expenditure of $60,141 towards the relaunch of CIVENEX tradeshow in 2018-19 financial year.

At balance date, the Company reported positive working capital where current assets exceeded current liabilities by $991,993 (2017 - $1,332,502). Excluding the funds of the Roads and Transport Directorate reserves, the Company’s net asset position as at 30 June 2018 was $210,158.

The NSW Foundation made a surplus of $21,700 during the period. The solid asset base of the NSW Foundation should enable it to deliver a sustainable program of endowments, scholarships and programs to members.

Summary Financial Performance

Full details of the Institute’s finances are set out in the Audited Financial Reports however key result areas for the year are as follows:

<table>
<thead>
<tr>
<th>IPWEA (NSW Division) Ltd</th>
<th>2018 $</th>
<th>2017 $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue from ordinary activities</td>
<td>2,306,819</td>
<td>1,910,318</td>
</tr>
<tr>
<td>Cash at end of financial year</td>
<td>1,439,526</td>
<td>1,715,193</td>
</tr>
<tr>
<td>Profit / (Loss) after income tax expense</td>
<td>(267,332)</td>
<td>(296,974)</td>
</tr>
<tr>
<td>Net assets</td>
<td>1,080,725</td>
<td>1,348,611</td>
</tr>
<tr>
<td>Net (deficit) Directory</td>
<td>(163,195)</td>
<td>-</td>
</tr>
<tr>
<td>NET (DEFICIT) CIVENEX</td>
<td>(60,141)</td>
<td>(197,876)</td>
</tr>
<tr>
<td>Net surplus Events and Conference</td>
<td>168,036</td>
<td>153,886</td>
</tr>
<tr>
<td>Net (deficit) Administration &amp; Membership</td>
<td>(497,280)</td>
<td>(498,019)</td>
</tr>
<tr>
<td>Net surplus Professional Development</td>
<td>457,835</td>
<td>286,486</td>
</tr>
<tr>
<td>Net (deficit)/surplus Sector Conferences</td>
<td>(45,872)</td>
<td>5,289</td>
</tr>
<tr>
<td>Net (deficit) surplus Roads and Transport Directorate</td>
<td>(126,715)</td>
<td>(46,739)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Municipal Engineering Foundation</th>
<th>2018 $</th>
<th>2017 $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Profit</td>
<td>21,730</td>
<td>25,304</td>
</tr>
<tr>
<td>Non Current Assets</td>
<td>715,000</td>
<td>715,000</td>
</tr>
<tr>
<td>Net Assets</td>
<td>1,747,022</td>
<td>1,725,292</td>
</tr>
</tbody>
</table>
In 2017/18 the Municipal Engineering Foundation (MEF) continued with its role of supporting the activities of IPWEA (NSW) and its members. The range of programs and support available to members through the Foundation include:

1. Young Leaders to Conference
2. IPWEA Australasia Asset Management Study Tour
3. IPWEA (NSW) Awards for Excellence
4. Private Study Grants

The Foundation supported the Annual Awards for Excellence including the costs of judging and the preparation of awards. This successful IPWEA (NSW) program has enabled the important work carried out by Public Works Professionals to be showcased to the industry as well as to the local communities where these professionals work. The NSW Excellence Awards have been aligned with the Biennial National IPWEA Awards. This will mean that The Best Project Category winners and leaders from the 2017 and 2018 awards will be submitted as NSW nominations to the National Awards in 2019.

While the Foundation has supported many formally structured programs, there is still scope to reward individual initiative and scholarship. The Trustees will always welcome individual applications for endowments from members wishing to study and enhance their skills through overseas travel and exchange programs or the like. As well, the Foundation works closely with the Board of IPWEA (NSW) on a range of training and development initiatives which are designed to assist members with their personal professional development.

All these activities can only be delivered because the Foundation is operating with a strong asset base of both property and cash investments which have been carefully managed over the past 63 years. The cash investments are continually reviewed to maximise returns within the prudent restrictions of the Trust Deed under which the Foundation operates.

I wish to again thank my fellow trustees Greg Moran, John O’Connor, Warren Sharpe OAM and John Truman for their support and diligence over the past year. As well, the trustees acknowledge the great support the Foundation received from John Roydhouse as CEO of the NSW Division and Secretary to the Foundation. Of course, all this good work would not be possible without the staff in the IPWEA (NSW) office who support John and the Trustees in such a professional way.

Chris Watson
Chairman
Municipal Engineering Foundation

We continue to see the IPWEA (NSW) professional development outcomes improve year on year. The attendance numbers for our courses continue to grow, and through this many new people are introduced to the IPWEA (NSW) family. Important highlights from the past year include:

- **New Courses**
  - The courses for Australian Rainfall and Runoff and IPART’s Special Rate Variation Application have now commenced and are proving to be popular. We have also commenced a new course on flexible pavements in collaboration with the Centre for Pavement Engineering Education. The two-day Urban Drainage course first commenced in August 2017 and is proving highly successful.

The Professional Development income for the 2017/18 financial year was $734,517 which is a 37% increase on the previous year! This is an amazing result, and professional development is now the largest source of income for IPWEA (NSW). Our professional development courses are competitively priced and capitalised on the two fully funded courses so we should see many more people trained in the year ahead!

- **Diploma of Local Government (Operational Works)**
  - In the last year several of our regular courses have been formalised to form part of the Diploma, including the ever popular Powers and Duties of a Local Government Engineer. Students that attend courses which contribute to the Diploma are encouraged to complete the Certificate of Attainment for each course.

- **Road Safety**
  - It has been six years since we first commenced running Road Safety Auditor training. In the last year alone we have trained 143 people from 71 Councils under the Transport for NSW funded 2-year program. We trust this investment will continue to build the capacity of the sector to address local road safety issues to save lives for generations to come. There are still more Councils that have not

Elsie Pathmanathan, our Professional Development Coordinator continues to do a sensational job. With the leadership of CEO John Roydhouse, and the support of the wider IPWEA (NSW) team, Professional Development goes from strength to strength!

Peter Shields
IPWEA (NSW) Vice President
2017/18 was another successful year in terms of annual events. The Regional Forums and the State Conference continue to grow in reputation and size. With the successful recruitment of a full time Events & Administration Assistant, we continue to raise the bar in delivering to you, the members. We remain committed to delivering opportunities to develop and enhance networks and technical and “soft” skills. The event program once again had multiple opportunities for Members to attend well produced, quality events, based on what the membership was asking for, in a cost effective manner that returned a surplus to IPWEA (NSW).

2017 Annual General Meeting and State Conference
Following on from having successfully hosted the Conference at Crowne Plaza in Hunter Valley the previous year, we returned with the support from the Board, the members and partners. The Conference program included a Masterclass for Executives; two panel meetings, Asset Management and Young IPWEA; a First Lady’s Session, the Welcome Reception, welcome by Mr Clayton Barr, Shadow Minister for Finance, Services and Property, and Mayor of Cessnock Cr Bob Pynsent, keynote presentation from Dan Gregory on ‘innovation in response to disruption’; Cate Fennell’s outstanding presentation on ‘What makes an Engineer Today’; technical streams, the Engineering Excellence Awards Dinner; a panel session facilitated by ABC Journalist Fran Kelly on ‘managing infrastructure and community safety, and last but not least, a workshop for YIPWEA all under the theme Engineering. Taking NSW Forward.

We saw another record high number of Award Nominations – 91 projects and programs were nominated and inspected across the State and we announced highly commended and winners in ten different categories before Wendy Matthews entertained and brought life to the dancefloor. The Exhibition Area was expanded with an outdoor area with live demonstrations and the NSW Police exhibition. At the Annual General Meeting the incoming Board Directors were announced and the outgoing Board Directors thanked for their service. The State Conference 2018 will take place at Crowne Plaza Hunter Valley 7 – 9 November and is set to be an even bigger event. The 106 Award Nominations are being judged as this is going to print. Major Partners in 2018 are Boral, COMPLETE Urban, Roads & Maritime Services and Puma Biilumen.

Regional Forums 2018
In 2018 we reached Regional Forum number 100. This milestone event celebrated the achievements of IPWEA (NSW) in helping and supporting NSW public works professionals by delivering annual regional forums to rural, regional and metropolitan public works professionals across NSW for nine consecutive years. The Regional Forums have been a significant event every year and through them, IPWEA (NSW) has engaged with more than 3564 public works professionals and continues to influence, educate and help them network with other professionals in their regional area.

The 100th Anniversary Forum took place at the National Maritime Museum, Sydney on Friday 20 April with a number of MPs attending. Mr Johnathon O’Dea MP, Parliamentary Secretary to the Premier addressed guests at the dinner on behalf of the NSW Premier the Hon Gladys Berejiklian. This year we were also fortunate to have the Minister for Transport and Infrastructure, the Hon Andrew Constance address the audience. The Congress and detail the current challenges in Local and State Government throughout NSW.

Other Speakers included Cr Linda Scott, President LGNSW; Mr Jodi McKay MP, Shadow Minister for Transport and Shadow Minister for Roads, Maritime & Freight; Rodd Staples, Secretary, Transport for NSW; Chief Inspector Phil Brooks, NSW Traffic & Highway Patrol Command and John Crazier, Chair of the Trauma Committee, Royal Australian College of Surgeons.

As the road toll in NSW and the number of lives lost continue to increase, the Panel Session discussed ‘Councils as Road Authorities’ facilitated by Rob Carlton. Topics also covered relevant and topical issues for Rural, Regional and Metropolitan Councils and over Dinner, Mr Greg Aplin MP, chair of the NSW Stay Safe Committee addressed the audience.

Regional Group Meetings
Regional Group meetings are valuable in offering an opportunity to discuss topical issues and to attract young engineers and practitioners to the association. Our volunteers, the Chairs and Secretaries ensure we find out what is happening locally and share some project insights and technical information. These events also offer the IPWEA (NSW) team the chance to meet the members, and talk about the vital work IPWEA (NSW) is undertaking on its members’ behalf.

Events team at 100th Regional Forum
As an important part of our organisation, I thank our volunteers for their efforts in sharing the IPWEA (NSW) message.

**IPWEA (NSW) Sector Conferences**

The IPWEA (NSW) Emerging Technologies Conference was held for the second year running at the InterContinental Hotel Sydney. Hosted by Michael Pascoe, Finance Commentator, the program showcased new technologies within the public infrastructure sector. Federal Minister Paul Fletcher MP opened the conference with a thought-provoking speech on managing infrastructure within the public sector. Technologies within the public sector are an essential part of our economy, and ensuring they are sustainable and efficient is critical.

Delegate enjoyed a Harbour Dinner Cruise on the Thursday evening where Sydney Harbour was the star during the VIVID Festival. Dinner was sponsored by Redeye and provided an opportunity to network and exchange ideas for our delegates and sponsors.

In addition to challenging our thinking and creating debate, the presenters offered expert opinions on the possible impacts of technology on the public infrastructure sector and future communities.

**IPWEA (NSW) Events**

Events offer a wide variety of opportunities to enhance members professional careers, and all industry participants are encouraged to attend an IPWEA (NSW) event or Group Meeting. Whatever your involvement, you are empowering yourself, improving your profession and supporting your peers.

The IPWEA (NSW) was excited to launch “The Public Infrastructure Directory” in April 2018, providing its members and construction professionals with a powerful supplier management tool.

This innovative and progressive project commenced in August 2017 with the aim of developing a suite of tools that would instantly source the most appropriate suppliers for any given infrastructure project anywhere in the country.

The NSW Board and staff investigated various innovative and technology focused solutions to ensure we provided our members and the industry with a robust service.

The Directory provides news on the latest innovations as well as access to best practice case studies and will soon deliver a print version, which will carry supplier listings and advertising.

**What is it?**

The Directory utilises a number of platforms but, at its core, it’s an online tool providing a highly efficient way of sourcing, selecting and managing suppliers across multiple skillsets.

To grow and engage its audience, it produces a fortnightly industry newsletter, has social media presence and plans are underway to launch a print version, which will carry supplier listings and advertising.

While The Directory is currently free for users, free for suppliers to list and charges are not applied on contracts, there are options to review this as a loyal user base is established.

**What does it do?**

The Directory automatically shortlists within seconds all suppliers required for a complex construction project. And, once a supplier is selected, it manages all their quotes, communications on-line.

Project managers can keep track of their own projects on the platform with security provided so project procurement can be monitored all in one place.

Importantly, it removes the access restrictions to new suppliers and innovative products, that currently exist with term-based supplier panels. Also, it places small and remote suppliers on a level footing with large, established organisations as the search can focus on user-defined suburbs or regions as necessary.

The Directory provides news on the latest innovations as well as access to best practice case studies and will soon deliver a print version.
Plans to introduce a nominal service fee for suppliers are well advanced and an App has been developed that will be launched in the first quarter of FY18/19. A print edition, which will be circulated to all government sector engineering offices will be published in the third quarter. Plans are also underway to allow product and service providers to be rated on their performance on an “opt in” basis to start with to promote improved service provision.

Bill Woodcock
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

Garry Hemsworth
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

Nicola Daaboul
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

Mark Roebuck
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

How is it going?
The Directory currently has 2500 supplier listings and is continuing to grow. It achieved its initial target of 2000 unique monthly users within six weeks of launch and is now targeting 4000 unique users per month by the end of 2018.

CIVENEX is back.
With a long history of over 60 years CIVENEX (previously called the Local Government Engineers Field days) is being relaunched with some fresh new branding. The NSW Board knew it had to come up with a response to new technology and its impact on how the industry acquired plants and services. After extensive research and in conjunction with industry experts, CIVENEX has been revitalized.

The new home and exhibition venue will be the Hordern Pavilion, Moore Park, NSW. This is one of Sydney’s oldest landmarks, celebrating its 90th anniversary in 2014. It has been recently renovated and refurbished. IPWEA (NSW) will provide premium space to the 200 plus exhibitors to showcase and demonstrate services and large equipment and machinery, and there will be free entry to exhibitions and presentations.

IPWEA (NSW) will co-host CIVENEX with an events expert, the Oliver Kinross Group and it will be co-located with the Sydney Build Expo March 2019. Oliver Kinross conducts Industry Trade Shows throughout the World including Auckland, London, Scotland, New York and Sydney. The new CIVENEX will include TED type talks on industry topics with well-known presenters and interactive displays using VR technology and much more.

There has been great interest in the new revamped CIVENEX which will still be run by industry for industry.

Visit the new IPWEA (NSW) CIVENEX in March 2019 at the Hordern Pavilion, Moore Park, NSW.

Bill Woodcock
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

Garry Hemsworth
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

Nicola Daaboul
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member

Mark Roebuck
Technology and Innovation Portfolio Director
IPWEA (NSW) Board Member
Currently our membership stands at 775 including Student (104), Associate (52), Under 35 years (116), Emeritus (8), Fellow (34) and Honorary Members (1). This is a slight decrease from the previous year.

Membership Services staff are dedicated and focussed on supporting individual members, the Organisational Champions Network and the Regional Group Chairs and Secretaries. Staff continue to support the Regional Groups and are constantly recruiting members at Councils and other industry organisations where there are no or a small number of members.

NSW Division staff are continuing to provide regular email newsletters or e-bulletins, new membership packs and Regional Group Meeting updates.

The successful Regional Forums provided members with professional development and networking opportunities and culminated in the 100th Regional Forum.

The extensive Professional Development Program, and the NSW Local Roads & Transport Congress and our Communities of Practice – Assets, Fleet, Land Development, Parks, Road Safety, Sustainability and Young IPWEA continue to enhance member knowledge and networking opportunities.

The Institute has also been working closely with the Local Government Engineers Association of NSW in helping to improve the infrastructure delivery and engineering capacity of local government in NSW. A joint strategy document has been developed as part of the process to improve the recognition of engineers and the improvement of skills across the industry.

The membership committee has been actively encouraging members to upgrade their membership status to Fellow. If you have been a member for a period of at least five years, and are able to show active involvement with the State Division, outstanding and continuing contribution to the industry of Public Works, Services to your particular discipline and participation in the IPWEA continuing professional development program, please apply to become a Fellow.

We are looking forward to growing our membership in 2018/2019.

Gary Woodman  
Membership Engagement and Development Portfolio Director  
IPWEA (NSW) Board Member

Peter Shields  
Membership Engagement and Development Portfolio Director  
IPWEA (NSW) Board Member

Nicola Daaboul  
Membership Engagement and Development Portfolio Director  
IPWEA (NSW) Board Member

IPWEA (NSW) Innovation

The IPWEA (NSW) Innovation Panel was established early in 2017. The idea behind the Panel is to encourage Industry Leaders, Experts, Stakeholders and Young IPWEA to share challenges, issues, experience and knowledge to identify opportunities for IPWEA (NSW) to address future needs of Members.

The objective of the Panel is to explore the impact of innovation and to be proactive in addressing these innovations to the benefit of members and the Industry.
The Panel meets three times a year and consists of:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organisation</th>
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<tbody>
<tr>
<td>George Bounassif, Director Operations</td>
<td>Ku-ring-gai Council</td>
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<tr>
<td>Nicola Daaboul, Senior Development Director</td>
<td>Assetic</td>
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<td>Bill Woodcock, General Manager</td>
<td>COMPLETE Urban</td>
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<tr>
<td>Grant Baker, Director Infrastructure Services</td>
<td>Blayney Shire Council</td>
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<tr>
<td>John Roydhouse, Chief Executive Officer</td>
<td>IPWEA (NSW)</td>
</tr>
<tr>
<td>Carina Jakobsen, Events and Operations Manager</td>
<td>IPWEA (NSW)</td>
</tr>
<tr>
<td>Megan Schlotjes, Manager Asset Strategy</td>
<td>Northern Beaches Council</td>
</tr>
<tr>
<td>Glen Edginton, Executive Services Officer</td>
<td>NSW Public Works Advisory</td>
</tr>
<tr>
<td>Jason Gordon, A/Executive Director</td>
<td>Transport for NSW</td>
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<tr>
<td>John Anderson, Regional Director</td>
<td>NSW Public Works Advisory</td>
</tr>
<tr>
<td>Peter Shields, Acting Manager Cleansing and Waste</td>
<td>City of Sydney</td>
</tr>
<tr>
<td>Mark Roebuck, Manager City Works and Services</td>
<td>Wollongong City Council</td>
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The Panel has also discussed objectives for the newly established Project Management Panel:

- The Infrastructure Project Management Working Panel will aid the IPWEA (NSW) Board on policy, technical tools and guidelines to bring about best practice in the delivery of public infrastructure in NSW.

For discussion:
- Creation of templates on cost planning to raise red flags as early as possible.
- Increasing understanding of project life costs (operations, maintenance and capital cost per annum to be outlined and factored in when setting a budget).
- Panel to build scope for Transport for NSW to fund (two templates required).

Asset Management: It has been another rewarding and challenging year in the Asset Management portfolio which has again played a significant role in the NSW State Government reform.

One of the principal issues impacting NSW Local Government is the management of infrastructure owned and managed by NSW Local Government which requires the key expenditure item for most councils across NSW. The success or failure of our industry to get this balance right has significant consequences for our communities in relation to risk management including directly impacting public health and safety, and financial sustainability.

IPWEA (NSW) and Australasia have taken a lead role to progressively build the capacity within our industry through the development of technical publications, provision of conferences, regional forums and training. The evolution of this work and the creation of NAMS.AU specialising in Asset Management has produced significant improvements in the number of Councils with asset management plans in place, at least to a ‘core’ level.

The Asset Management Working Group Panel (AMWGP) was established by resolution at the April 2016 IPWEA (NSW Division) Board meeting to enhance the work undertaken by the IPWEA (NSW Division) Board with the Office Local Government (OLG). This has allowed us to participate in most forums and be viewed as assisting all parties. The reform around the ratios for sustainability are still relevant and nonnegotiable, and the Councils who did not meet the ratios must still demonstrate how they will meet them, and those LGAs that were deemed fit must ensure their compliance by 2020.

The NSW Auditor General is now auditing all of the NSW LG entities. IPWEA NSW Division has maintained a working relationship with the OLG and the NSW Auditors Advisory Group to develop the appropriate templates, definitions and guidelines to assist in this process.

NSW Asset Management Working Group: The Panel meets four times a year and consists of:

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<td>Paul Gallagher, Assistant General Manager</td>
<td>Nambucca Shire Council</td>
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<td>Bride Campbell, Asset Management Professional</td>
<td>Blue Mountains City Council</td>
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<tr>
<td>Geoffrey Paton, Manager Infrastructure</td>
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<td>Jacqui Hansen, Consultant Asset Management</td>
<td>Brearley and Hansen</td>
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Councillors have had to start from scratch and they have faced a number of new challenges. The OLG have advised that there have been improvements across the industry but there are still many issues to be addressed which the Panel will be endeavouring to assist with.

Report on Local Government 2017
The Panel met with a representative from the Auditor-General’s Office to discuss the Report on Local Government 2017, which included a significant section on Asset management. The representative advised that there has been some confusion regarding the role of the Audit Office and clarified that it:

- Audits and prepares a report, but does not set or advise on policy.
- Does not provide guidelines.
- Performs Financial Audits and Performance Audits.

The Report on Local Government 2017 identified:
- The accuracy of asset registers was a significant problem. There is no source of truth in the organisation. Some Councils still rely on spreadsheets that can be accessed and altered by multiple people.
- Revaluation process – left to the last minute and errors crept into the data.
- Some Councils still do not have an AM Policy, AM Strategy and AM Plans.
- Further explanations needed to accompany the financial statements when presented to Council, encompassing a covering Council report, an explanation on the useful lives to the Councillors and any significant differences to previous years.

Paul Gallagher
Public Works Technical Resources Portfolio Director
IPWEA (NSW) Board Member

Gary Woodman
Public Works Technical Resources Portfolio Director
IPWEA (NSW) Board Member

Garry Hemsworth
Public Works Technical Resources Portfolio Director
IPWEA (NSW) Board Member

The Road Safety Panel is a committee of IPWEA (NSW) and is managed by the Roads and Transport Directorate. The Panel’s goal is to make a significant and measurable contribution to improve road safety awareness, knowledge and expertise in NSW. Membership of the Panel is by invitation and includes representatives from Transport for NSW, ARRB Group, LG NSW, AITPM, NSW Police Highway Patrol, and urban and rural councils.

Following the reestablishment of the Panel in late 2015, its activity has continued to increase during the current year. The Panel met in June and November 2017 and May 2018. It has discussed a wide range of issues that include:

- Update and Review of the Road Safety Audit Process
- Ongoing State Government funding for the Local Government Road Safety Programme
- 2018 NSW Local Roads Congress
- Support to developing Council Road Safety Strategic Plans
- IPWEA (NSW) State Conference & Awards 2017 and 2018
- Traffic Control Training

As a result of the hard work of the Road Safety Panel Conference sub-committee composed of Iris Dorset, Adam Mularczyk and David McTiernan, some excellent Road Safety Sessions were delivered to delegates. The results were:

- The Road Safety Stream attracted asset managers, design engineers, directors of various council departments, NSW Police from the Highway Patrol in addition to Council Road Safety Officers. Also, as a result, more people have become aware of the work of IPWEA (NSW) and have expressed their interest in becoming members. The Road Safety Stream was deemed successful and suggestions to make it into a full day session are being considered.

- Papers presented included:
  - NSW Police Force – Crash Data Investigations – Pavement’s Contribution to Road Safety Accidents
  - NSW Police Force – Operations North Force
  - Crash Site to Safe Site – Processes and Obligations
  - How to Think Outside the Box While Auditing Pedestrian and Cycling Facilities
  - Towards Zero Deaths – What Role will Connected and Automated Vehicles Play?

Feedback from delegates confirmed that the exhaustive list of topics attracted a wider range of delegates. This is an important outcome if councils are to implement a broader view of road safety across the full range of their activities.

The increasing road toll in NSW coupled with an increasing proportion of fatalities occurring on Council roads continues to be a cause for concern. With 392 deaths and more than 12,000 serious injury crashes in 2017 in NSW alone, and the trend going in the wrong direction, there continues to be a need for extra measures to turn this around. The Road Safety panel will continue to provide support for Councils wishing to develop Strategic Road Safety Plans and will remain

ROAD SAFETY

Excellence in Road Safety Engineering
Won by: NSW Public Works Advisory, Roads & Maritime Services and Specialised Geo – Bulli Pass Landslide Barrier

Highly Commended:
Wingecarribee Shire Council – Braemar Rail Bridge and Intersection Upgrade

Local Government Excellence in Road Safety
Won by: Eurobodalla Shire Council – Kings Highway Safety Initiative

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It’s been another great year for Young IPWEA (NSW); this is the first year with a full contingent on the committee. The current YIPWEA Representatives are:

<table>
<thead>
<tr>
<th>Regional Group</th>
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<tbody>
<tr>
<td>Metro North / NSW Chair</td>
<td>Megan Schlotjes</td>
</tr>
<tr>
<td>Metro West / Deputy Chair</td>
<td>Craig Hopfe</td>
</tr>
<tr>
<td>South East</td>
<td>Mark Cutting</td>
</tr>
<tr>
<td>Central West</td>
<td>Ben Coultas</td>
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<tr>
<td>Hunter Valley</td>
<td>Ben Jenkins</td>
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<tr>
<td>Orana</td>
<td>Stephen Howlett</td>
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<tr>
<td>Metro South</td>
<td>Todd Clarke</td>
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<tr>
<td>South West</td>
<td>Justin Shortis</td>
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<tr>
<td>Illawarra</td>
<td>Kaitlin Christlo</td>
</tr>
<tr>
<td>New England North West</td>
<td>Dylan Reeves</td>
</tr>
<tr>
<td>Mid North Coast</td>
<td>Joshua Roberts</td>
</tr>
<tr>
<td>Far North Coast (North Coast)</td>
<td>Matt Sorenson</td>
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2017-18 brought some changes to the Young IPWEA (NSW) Committee. In February, the previous YIPWEA Chair, Nicola Daaboul, took on the role of YIPWEA Australasia Chair and Megan Schlotjes took over the leadership of the NSW Committee. There are new YIPWEA representatives in the South East, Central West, Metro South, Mid North Coast and Far North Coast regions.

A new Ambassador role has been created for YIPWEA (NSW) – a real life Pocket Sally. Cate Fennell, a cadet engineer from Parkes Shire Council, will be spreading the word about public works engineering to regional schools and be a strong role model for young women. Cate will be presenting at events including Regional Forums and the State Conference.

The Committee has been working hard on delivering results to its YIPWEA members. I am delighted to report that over the past 12 months, we have delivered on the following actions:

- YIPWEA held a “Big Ideas” session at each of the Regional Forums. A video was produced which asked industry professionals what they thought of some big issues our industry faces. After the video, there was a facilitated discussion with the audience in an effort to get feedback from the industry. This will be built on at the State Conference this year – particularly around the issues of preparing our future workforce.

- Following considerable advocacy there is now a standing item for YIPWEA at the State Conference. This not only showcases what our young members are up to, but also provides an avenue to discuss issues affecting young members within the wider industry. There will be another YIPWEA (NSW) Professional Development Workshop event and a networking event at the State Conference.

- Many of the Regional Group Meetings have had young members present their work and current projects.

- We continue to engage with universities and returned to CSU Bathurst EngFest for the third year. We’ve built a great relationship with CSU which we look to grow further and stronger in the coming years.

We are finalising our next action plan, which will support and raise the profile of our young members and promote our industry as a successful and rewarding career. We are planning to:

- Promote engineering and provide a role model for school students, and through our ambassador, we hope to roll out an engagement program across schools.

- Work with YIPWEA Australasia to roll out a mentoring program for our young members.

- Look at ways we can increase the networking and build peer-to-peer relationships across the YIPWEA community.

- Share and celebrate the success of our young members. If you have worked on a cool project, we want to know!
Our annual Pulse Survey is about to open. This allows the Committee to gauge what our members want to see at events, what professional development topics are of interest, and the issues that our young members are facing in the industry. YIPWEA is committed to improving areas which the survey highlights as possible sources of dissatisfaction, whilst building on the things we are doing well.

As always, it is an exciting time to be involved in YIPWEA.

Megan Schlotjes
Young IPWEA (NSW) Chair

The Roads and Transport Directorate was established as a joint undertaking between IPWEA (NSW) and Local Government NSW (LGNSW). It serves as a focus for research activities and the provision of technical advice to assist members in discharging their road management roles.

The Directorate commenced operations in October 2004 and since then, has been actively determining the needs of members and developing solutions to meet those needs. The Directorate continues to focus on its vision of ensuring better roads and transport for the community through activities that entailed.

The Roads and Transport Directorate Management Committee undertook a full strategic review of the Directorate and has established a new Strategic Plan detailing both short-term and long-term outcomes, initiatives, actions, and success measures. Following the review, the Directorate’s work continues as it focuses on the following strategic objectives:

1. To build the capacity of our members and serve the industry through the provision of advice and technical expertise;
2. To become the ‘go-to group’ in the design, construction and maintenance of safe and efficient infrastructure for the Roads and Transport industry;
3. To provide support for the benefit of the roads and transport sector in NSW;
4. To benchmark and develop evidence to support the case for increased investment in the construction, safe operation and maintenance of roads.

The year was once again highlighted by the annual Local Roads Congress which was held at the Intercontinental Hotel Sydney. The 2018 Congress, themed “Roads as Critical Infrastructure”, was attended by Councillors, senior Local Council Staff, and experts from across NSW in addition to the Minister for Roads, Maritime, and Freight and the President of...
Local Government NSW Linda Scott, Ministers, and Members of Parliament from all sides of the political spectrum presented at the Congress, the Minister for Roads, Maritime, and Freight Melinda Pavey, MP highlighted the new $125M Saving Lives on Country Roads Program as a significant step forward and called for collaboration between all levels of government. The Minister also confirmed the Local Government Road Safety Program (LGRSP) through to 2021.

The Congress also heard from Dr John Crozier, Trauma Chair, Royal Australasian College of Surgeons, who left no doubt as to the impact of road crashes not only on the victims but to their families, and the community as a whole. The NSW StaySafe Committee Chair Greg Aplin, MP addressed the Congress Dinner highlighting recent road safety initiatives in NSW.

The Roads & Transport Directorate, on behalf of its members, has also been involved in various activities throughout the year including:

1. Publication of Research and Guides such as:
   - 2017 Road Asset Benchmarking Project Report
   - 2017 Timber Bridge Management Report
   - Guide for the Design of Accessible Outdoor Spaces

2. Submissions/Reports
   - Submission to TNSW Draft NSW Regional Services & Infrastructure Plan
   - Submission to TNSW Draft Greater Sydney Services & Infrastructure Plan
   - Submission to TNSW Draft Freight and Ports Plan
   - Submission to TNSW Draft Road Safety Plan 2021
   - Submission to Public Works Committee Inquiry into the Scrutiny of Public Works in NSW
   - Monthly newsletters

3. Advocacy and Reporting
   - Project Management of Austroads AAM2101 Appropriate Use of Marginal and Non-standard Pavement Materials and Road Construction and Maintenance Project
   - Participation in the ALGA Road Freight Industry Council, Maritime Services, National Heavy Vehicle Forums, and the Newell Highway Taskforce all backed further measures to address improved road safety and transport and road worker safety.

The Mayor of Parkes, Ken Keith OAM, called on Councils to develop new Cadet Engineering Programmes to grow skilled professionals of the future from their own towns. The Delegates adopted a Congress Communiqué calling for the development of a sustainable and more equitable funding model to look after roads, target road safety and open up local road network to more efficient transport to better service our community. NSW StaySafe Committee Chair Greg Aplin, MP addressed the Congress Dinner highlighting recent road safety initiatives in NSW.

The Congress also heard from Dr John Crozier, Trauma Chair, Royal Australasian College of Surgeons, who left no doubt as to the impact of road crashes not only on the victims but to their families, and the community as a whole. The NSW StaySafe Committee Chair Greg Aplin, MP addressed the Congress Dinner highlighting recent road safety initiatives in NSW.

The three committees within the Roads & Transport Directorate (Bridge Working Party, Transport Working Party, and Technical Committee) continue to actively provide input and feedback to the Directorate’s activities.

The Congress also heard from Dr John Crozier, Trauma Chair, Royal Australasian College of Surgeons, who left no doubt as to the impact of road crashes not only on the victims but to their families, and the community as a whole. The NSW StaySafe Committee Chair Greg Aplin, MP addressed the Congress Dinner highlighting recent road safety initiatives in NSW.

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IPWEA NSW Division Annual Report 2017-2018

REGIONAL GROUP REPORTS

Orana Regional Group
During 2017-18 Orana Regional Group held four meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2017</td>
<td>Nyngan</td>
<td>20</td>
<td>Yotta</td>
</tr>
<tr>
<td>December 2017</td>
<td>Wellington</td>
<td>31</td>
<td>ITS Pipetech</td>
</tr>
<tr>
<td>March 2018</td>
<td>Warren</td>
<td>43</td>
<td>Regional Forum</td>
</tr>
<tr>
<td>June 2018</td>
<td>Dubbo</td>
<td>25</td>
<td>Geofabrics</td>
</tr>
</tbody>
</table>

The Orana group of IPWEA (NSW) has had another productive year. Attendance at our group meetings remains strong, with some new faces joining our group, but the majority of attendees are from Dubbo Regional Council. We also continued our annual combined meeting with the Central West group of IPWEA (NSW), providing greater opportunities for members from both groups to network and discuss common issues. Thank you to all our group members and IPWEA (NSW) for your ongoing support and engagement over the last year.

Rolly Lawford
Orana Group Chair

Stephen Howlett
Secretary/ Young IPWEA (NSW) Representative

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Illawarra Regional Group
During 2017-18 Illawarra Regional Group held two meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 2017</td>
<td>Wollongong</td>
<td>17</td>
<td>Vantage pipes</td>
</tr>
<tr>
<td>April 2018</td>
<td>Bowral</td>
<td>52</td>
<td>Regional Forum</td>
</tr>
</tbody>
</table>

The Illawarra group has again struggled to maintain regular meetings this year. The only official group meeting was held in Wollongong in November. That was well attended and Vantage Pipes discussed the importance of considering construction loading on buried pipes when cover was less that the final depth.

The second group get-together was at the Regional Forum in Bowral in April.

Mark Roebuck
Group Chair

Ian Berthon
Secretary

Kaitlin Christie
Young IPWEA (NSW) Representative

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South Metropolitan Regional Group
During 2017-18 South Metropolitan Regional Group held four meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2017</td>
<td>Randwick Environmental Centre</td>
<td>solar panel array as a demonstration Wind Farm.</td>
</tr>
<tr>
<td>October 2017</td>
<td>Sutherland Shire Council Emergency Services Centre</td>
<td>Iconyx, SES gave a presentation of the Kurnell mini cyclone and how the centre and SES volunteers responded.</td>
</tr>
<tr>
<td>February 2018</td>
<td>Newington Armoury Precinct at Sydney Olympic Park</td>
<td>There was a tour of the Armoury store. Sponsor was ITS Pipetech</td>
</tr>
<tr>
<td>June 2018</td>
<td>Mascot</td>
<td>Site tour of the new Banksmeadow waste transfer station. Presentation by Randwick City Council. SPOOK FISH was the sponsor.</td>
</tr>
</tbody>
</table>

We must mention that we celebrated Forum number 100 for the Southern and Northern Metropolitan IPWEA groups at the National Maritime Museum in Sydney where the Hon Natasha Maclaren-Jones and Cr Linda Scott opened by addressing the attendees. A very broad program was presented followed by an excellent dinner adjacent to the harbour with guest speaker Mr Jonathan O’Dea, Parliamentary Secretary to Premier and Treasurer spoke on behalf of the NSW Premier, Gladys Berejiklian.

Tony Reed
Group Chair
Bill Woodcock
Secretary
Peter Shields
Secretary
Todd Clarke
Young IPWEA (NSW) Representative

---

Central West Regional Group
During 2017-18 the Central West Regional Group held four meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 2017</td>
<td>The Coventry Room, Parkes Library</td>
<td>18</td>
<td>John Holland Civil Projects</td>
</tr>
<tr>
<td>December 2017</td>
<td>Wellington Caves</td>
<td>19</td>
<td>ITS Pipetech</td>
</tr>
<tr>
<td>March 2018</td>
<td>Racine Vineyard, Orange</td>
<td>48</td>
<td>IPWEA (NSW) Regional Forum</td>
</tr>
<tr>
<td>June 2018</td>
<td>CSU Bathurst Campus</td>
<td>13</td>
<td>CSU Engineering</td>
</tr>
</tbody>
</table>

The Central West group of IPWEA (NSW) has had another productive year. Whilst attendance at our group meetings is down on previous years we continue to see a higher than average attendance from our young IPWEA (NSW) members, a testament to the active presence of this group in our region. We also continued our annual combined meeting with the Orana group of IPWEA (NSW), providing greater opportunities for members from both groups to network and discuss common issues. On behalf of the IPWEA (NSW) central west committee, thank you to all our group members for your ongoing support and engagement over the last year.

Joshua Devitt
Group Chair

Geoff Paton
Secretary

Ben Coultas
Young IPWEA (NSW) Representative

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New England North West Regional Group
During 2017-18 New England North West Regional Group held three meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2017</td>
<td>Guyra</td>
<td>11</td>
<td>Geofabrics Australia</td>
</tr>
<tr>
<td>March 2018</td>
<td>Tenterfield</td>
<td>33</td>
<td>Regional Forum</td>
</tr>
<tr>
<td>June 2018</td>
<td>Armidale</td>
<td>9</td>
<td>Fulton Hogan</td>
</tr>
</tbody>
</table>

This year, the New England North West Group has changed its format thanks to the input from our Secretary. Rather than meeting at 10.00am and then going out to lunch, the meetings have generally started at about 2.00pm with lunch, followed by the meeting and then a site inspection. This was done to allow members additional time in the morning to catch up with essential tasks before leaving to travel to the meeting venue.

At the Guyra meeting, members went on a tour of the Costas Tomato farm – a 10-hectare glasshouse, whilst at Tenterfield, an inspection of the dam strengthening works underway was carried out and finally in Armidale, a tour of the water treatment works which utilises Ozone was undertaken.

Thanks to John Roydhouse, Mick Savage and the team from LGEA as well as our sponsors for the meetings.

North Coast Regional Group
During 2017-18 North Coast Regional Group held two group meetings and hosted one regional forum.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 2017</td>
<td>Lismore City Council Chambers</td>
<td>22</td>
<td>LGEA, Downer Group and Lismore City Council</td>
</tr>
<tr>
<td>March 2018</td>
<td>Lismore Gallery</td>
<td>20</td>
<td>plus 12 sponsors</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cr Isaac Smith, Mayor, Lismore; Hon Catherine Cusack MLC, Boral; Vintage Pipes; Food Recycling; RMS; CMAA; Slashertec, LGP;</td>
</tr>
<tr>
<td>June 2018</td>
<td>Casino Community Centre, Casino</td>
<td>27</td>
<td>Ballina Shire Council, Lismore City Council, Byron Shire Council, Tweed Shire Council and Richmond Valley Council</td>
</tr>
</tbody>
</table>

It’s been a big year! Not one but two Young IPWEA Members put their hand up to represent the North Coast. And, a new meeting format was proposed to help reinvigorate the group and improve attendance. Each meeting now focuses on key areas of interest to better enable subject matter experts to invest time to travel and attend. The first new format meeting in June 2018 achieved higher attendance and saw a number of new faces who specifically attended for the topics of interest. Most importantly it attracted a “critical mass” of subject matter experts that enabled ideas from across the region to be shared in informal conversations over lunch afterwards. The next twelve months looks to build on this foundation.

Ralf Stoekeler
Group Chair
Mark Burgess
Secretary
Dylan Reeves
Young IPWEA (NSW) Representative

North Coast Supervisors Regional Group
During 2017-18 NCSC Regional Group held three meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 2017</td>
<td>Warners Bay</td>
<td>21</td>
<td>Humes</td>
</tr>
<tr>
<td>February 2018</td>
<td>Evans Head</td>
<td>17</td>
<td>3M</td>
</tr>
<tr>
<td>June 2018</td>
<td>Evans Head</td>
<td>16</td>
<td>Neofarma</td>
</tr>
</tbody>
</table>

One of the biggest issues facing the northern areas is the disposal of ENIM, VENIM and contaminated soils, the cost for the treating, testing and disposal for these materials are adding exorbitant costs to Local Government projects. The disposal of these materials is limited along the coastal fringe which means the materials have to be trucked to other locations. Road Reserves are filling up at an alarming rate & this is just not in NSW.

Councils are trying different methods and trials to treat and reuse the material to reduce these costs and at this stage the results are looking very promising.

Hunter Regional Group
During 2017-18 Hunter Regional Group held two meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 2017</td>
<td>Warners Bay</td>
<td>21</td>
<td>Humes</td>
</tr>
<tr>
<td>March 2018</td>
<td>Warners Bay</td>
<td>46</td>
<td>Regional Forum</td>
</tr>
</tbody>
</table>

In the 2017/2018 financial year we have had two IPWEA / LGEA meetings. Though in August 2017 Lake Macquarie City Council took us on a site inspection at Glendale Interchange with the night’s meeting held at Warner Bay. The meeting was a “water” theme with special guests Professor George Kuczera providing an overview of the new Australian Rainfall and Runoff. Humes sponsored the night and provided a suitably water themed presentation.

Our second meeting was held following the March 2018 IPWEA Regional Meeting where Lake Macquarie City Council again took us through the Warners Bay Foreshore works adjacent to the Warners Bay CBD. Our own Josh Bennie who spoke on behalf of our YIPWEA representative Ben Jenkins at this meeting.

The March meeting also saw the retirement of the very colourful Wayne Cone who not only made a massive contribution to engineering, emergency management, leadership and community service across his career, but also heavily contributed to IPWEA. No words could do justice for what Wayne has done in these fields. Thank you, Wayne.

Other meetings were unfortunately postponed ready for the new financial year. The Hunter is also fortunate to have a healthy number of YIPWEA Members.

John Marettich
Group Chair
Adam Stewart
Secretary
Rick Mackenzie
Young IPWEA (NSW) Representative

Kerry John
Group Chair
Mark Ellis
Secretary

IPWEA NSW Division Annual Report 2017-2018
Mid North Coast Regional Group
During 2017-18 Mid North Coast Regional Group held three meetings and a Regional Forum.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
</table>
| August 2017  | Taree         | 24        | • From Data To Decisions - Yotta – Avesh Maharaj
               |               |           | • Mines Department – Angus McDouall – Inspector of Mines
               |               |           | • The BRP Road Patch - Downer – Jeff Burton – Downer Infrastructure
               |               |           | • IPWEA (NSW) Update – Mick Savage
               |               |           | • LGEA Update – Stuart Small
               |               |           | • Site Visit: Cedar Party Bridge - Wingham
| November 2017| Coffs Harbour | 21        | • Jetty Foreshores Parkland Development Project – Glen O’Grady – Coffs Harbour City Council/ AJ Pipelines & Construction
               |               |           | • Contaminated Lands Remediation – Brian Cork – GHD
               |               |           | • Public Lighting – Shey Andrew – Zumtobel
               |               |           | • Site Visit: Fitzroy Oval Sports Pavilion & Amenities and Jetty Foreshores Parkland
| June 2018    | Nambucca Heads| 39        | • Fortade Earthmoving – Wayne Pade
               |               |           | • Critical Water Main Assessment – Ty Cook – GHD
               |               |           | • Stabilcorp – Lisa McLeod and Ashligh Pincon
               |               |           | • Australian Precast Solutions – Steve Cruwys
               |               |           | • IPWEA (NSW) Update – John Roydhhouse
               |               |           | • LGEA Update – Gordon Brock
               |               |           | • Site Visit: ANZAC Pedestrian Bridge

Regular meetings were well attended and provided an opportunity for a number of technical tours and presentations. In addition, members were kept informed with regular updates from IPWEA (NSW) and the LGEA. One of the main benefits of the group meetings is an opportunity to network with neighbouring engineering counterparts and to discuss how others handle common work functions.

The group would like to recognise the contribution of Paul Gallagher from Nambucca Shire Council in his role on the IPWEA (NSW) Board and the two portfolios of Climate, Sustainability and Environment; and Public Works Technical Resources.

Duncan Clarke and Steven Pirlo from Port Macquarie-Hastings Council have occupied the roles of Chairperson and Secretary respectively since the start of 2017 and will hand over these responsibilities to staff from Kempsey Shire Council at the end of 2018.

Duncan Clarke
Chairperson
Steven Pirlo
Secretary
Joshua Roberts
Young IPWEA (NSW) Representative

South East Regional Group
During 2017-18 the South East Regional Group held two meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
</table>
| December 2017| Merimbula     | 10        | Hosted and Presentations by Bega Valley Shire Council

The SE Group welcomed a group meeting held in Canberra by the ACT – Transport Canberra and City Services. This was an opportunity for the group to mix with our ACT counterparts and to discuss the methods used by the ACT in constructing and managing their assets.

Our second group meeting was hosted by Bega Valley Shire Council in the beautiful coastal town of Merimbula. When not distracted by the lovely views Council staff made various presentations on both road and water/sewer projects.

Regional forums were held in both Pambula and the ACT with most regular members attending the Pambula forum. The SE group continues to encourage attendance by interested ACT staff and we hope to see them at our future group meetings.

Greg Miller
Group Chair
Hamish Scroope
Secretary
Mark Cutting
Young IPWEA (NSW) Representative

West Metropolitan Regional Group
During 2017-18 the Metro West Regional Group held two meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
<th>Attendees</th>
<th>Sponsors/Presentations</th>
</tr>
</thead>
</table>
| November 2017| Penrith       | 31        | Vantage Pipes
| April 2018   | Windsor       | 43        | Regional Forum

The Metro West Group recognises and welcomes the opportunities provided by the various forms of IPWEA initiated electronic information and communication services, but also recognises the value of personal networking and interaction; hence the Group looks forward to its next meeting in 2018 and any others which may subsequently eventuate.

The Group continues to welcome new members from all Councils within the Group.

The Group has appreciated the support of IPWEA NSW, Chief Executive Officer John Roydhhouse and other IPWEA representatives, during the past year, as well as the receipt of topical and informative advice from the LGEA on industrial matters.

On behalf of the Group, both the Secretary Alex Burjan, and I would like to thank all members for their continued support and interest in the Group’s activities.

Hans Meijer
Group Chair
Alex Burjan
Secretary
Craig Hopfe
Young IPWEA (NSW) Representative
Metropolitan North Regional Group

During 2017-18 Metropolitan North Regional Group held two meetings.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Venue</th>
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</tr>
</thead>
</table>
| September 2017 | Kuringai Council Pymble | 27        | • Yotta (Avesh Maharaj)  
• Optimal Stormwater (Murray Powell)  
• Duncan Mitchell - Nth Sydney Council - Major Projects  
• David Tetley - Catchment Simulation Solutions - The Hills Shire Urban Overland Flow Study  
• Anthony Ogle - Ryde Council - Smart City & Street Lighting |
| February 2018  | Northern Beaches Council PCYC Dee Why | 39        | • Sharpe Bros (Brad Greaves)  
• Diodrone (Zack Wasson)  
• SMEC (Roy Bartlett)  
• Michael England - Northern Beaches Council - PCYC & Car Park  
• David Munday - Northern Beaches Council - MacPherson Street Upgrade |

With the amalgamations issue settled, the Councils in the region started to settle back into business as usual and actual public works. Thanks to the efforts of our enthusiastic secretary, the group held two meetings which had excellent presentations from sponsors and a healthy showing of attendees. Parissa has focused on getting engineers from the member councils to present on projects and initiatives in their Councils as well as generally sharing on topics of interest.

Anthony Ogle  
Group Chair

Parissa Ghanem  
Secretary

Megan Schlotjes  
Young IPWEA (NSW) Representative

South West Regional Group

During 2017-18 South West Regional Group held three meetings and one Regional Forum.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>December 2017</td>
<td>Lockhart</td>
<td>9</td>
<td>AGM</td>
</tr>
<tr>
<td>April 2018</td>
<td>Wentworth</td>
<td>29</td>
<td>Regional Forum</td>
</tr>
<tr>
<td>June 2018</td>
<td>Culcairn</td>
<td>15</td>
<td>In Quick</td>
</tr>
</tbody>
</table>

This year has just flown by, the IPWEA Group have hosted some informative and valuable meetings. After much discussion the IPWEA SW group organised an information session on the Registered Professional Engineering certification. Mr Greg Blackie from Greater Hume Council, who was first to attend the new session, was the first to get Certification. The session turned out to be a great benefit for our members.

IPWEA is providing a resource of support and network opportunity in the south western part of NSW.

Mark Ellis  
Group Chair

Joanne Spicer  
Secretary

Justin Shortis  
Young IPWEA (NSW) Representative
## 2019 IPWEA NSW EVENTS CALENDAR

<table>
<thead>
<tr>
<th>Regional Forums</th>
<th>Towns (TBC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Coast</td>
<td>Evans Head</td>
</tr>
<tr>
<td>Mid North Coast</td>
<td>Port Macquarie</td>
</tr>
<tr>
<td>Hunter</td>
<td>Pokolbin</td>
</tr>
<tr>
<td>Central West</td>
<td>Cowra</td>
</tr>
<tr>
<td>North West (Orana)</td>
<td>Lightning Ridge</td>
</tr>
<tr>
<td>North West (New England)</td>
<td>Tamworth</td>
</tr>
<tr>
<td>South West</td>
<td>West Wyalong</td>
</tr>
<tr>
<td>South East</td>
<td>Batemans Bay</td>
</tr>
<tr>
<td>ACT</td>
<td>Canberra</td>
</tr>
<tr>
<td>Illawarra</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Metro West</td>
<td>Warwick Farm/ Liverpool</td>
</tr>
<tr>
<td>Metro North &amp; South</td>
<td>Cronulla/ Dee Why</td>
</tr>
</tbody>
</table>

| Local Roads Congress         | 3 June 2019               |
| State Conference             | 6 – 8 November 2019        |
| Annual General Meeting       | 7 November 2019            |

| Important Dates 2019         |                           |
| Excellence Awards Submissions Due | Monday, 22 April 2019 |
| Full Submissions Due         | Monday, 20 May 2019       |
| Call for Papers Due          | Monday, 10 June 2019      |
| Excellence Awards Gala Dinner | Thursday, 7 November 2019 |