

# National Asset Management Strategy update

November 2018

Several NAMS Council items were reported at the meeting held on the 30<sup>th</sup> November 2018. Of interest to readers and members are:

## **1 Strategic and Business Planning**

### **1.1 Strategic Plan, Business Plan and Annual Report**

The current 2017-2020 Strategic Plan and Business Plans are now half way through their three (3) year term and discussion was had on the timeliness of a major review. It was agreed that the review should start with the next iteration focused on high priority programs and projects and include appropriate KPI measures and accountabilities for a 3-5 year rolling period updated annually.

The 2017-2018 Annual Report was adopted and has been uploaded to the NAMS website.

## **2 Project Reports**

### **2.1 The National AM Congress**

The inaugural National AM Congress took place in August 2018. It was attended by 100 delegates and included presentations by many eminent speakers addressing a range of asset management issues. Outcomes from the Congress has allowed the IPWEA Board to adopt a “Public Infrastructure Action Plan” with the following key headings:

1. Increase competency in infrastructure asset management
2. Maintain funding at adequate levels for local government to deliver sustainable asset management plans
3. Promote effective knowledge sharing
4. Embrace emerging digital technology
5. Drive organisational culture improvement
6. Build right place, right time projects
7. Provide investment and planning certainty
8. Integrate and coordinate national infrastructure planning

It is anticipated that these will be incorporated into the NAMS Strategic Plan.

### **2.2 Asset Management Basics**

Asset Management Basics (AMB) – Applying Infrastructure Asset Management Principles has been completed and is now available in hard copy or as part of the new E-Library. AMB is designed as a companion document to the IIMM and has been written to assist people and organizations that are new to asset management and need a grasp of the basic requirements of asset management planning. It is designed to be a resource that can be used by a variety of staff and elected members starting the journey of understanding the requirements of base and core level asset management planning.

## **2.3 ISO Asset Management Standards**

The new ISO 55010 aligning Financial and non-Financial Functions is progressing well with the next version recently completed and comments submitted. There was a good response from IPWEA reviewers which was much appreciated. It is still due 2<sup>nd</sup> quarter of 2019. A new 55011 on setting Government Policy for AM is at draft stage and has also recently been open for comment. Other ISO works in the pipeline include ISO 41001, Financial Management systems – Requirements with guidance for use.

## **2.4 International Infrastructure Financial Management Manual**

The document has now advanced to a final draft ready for review by a selected team of reviewers including our NAMS experts and several international reviewers. We have had acceptance from the International Federation of Accountants based in New York to also review the document. It is intended that reviewers will have until the end of October to carry out such review. Final editing will then take place. This means it unlikely the finished document will be launched until early in the new year 2020.

## **2.5 Resource Development**

### **Elected Member Training Resources**

The training materials for both elected Member awareness and Introduction to AM have been temporarily placed on hold to ensure that our team efforts are both consistent with AMBasics and our strategy to communicate credible and consistent messaging to elected members.

### **Undergraduate and Postgraduate Education Programs**

Professional Honours and Postgraduate programs are run in partnership with the University of Tasmania and the Centre for Pavement Engineering Education (CPEE). Details can be found at: <https://www.pavementeducation.edu.au/study/programs/programs/>

Investigations continue on expanding the program and to also develop further courses at AQF5 level to build the capability of technical officers in Asset Management.

### **Training Programs**

#### Professional Certificate in Asset Management Planning

The Professional Certificate in Asset Management Planning is delivered across the globe and supported by the American/Canadian Public Works Association, Canadian Network of Asset Managers, Finnish Association of Municipal Engineering and the International Federation of Municipal Engineering.

The course includes:

- 8 live webinar presentations held over 10 weeks
- Forum challenges
- Multiple choice questions
- Two assignments
- 'How to' videos and resources
- Qualification of Professional Certificate in Asset Management Planning

Details are available at <http://info.ipwea.org/professional-certificate-asset-management-planning> and Members are encouraged to promote the short YouTube video that is an excellent promotion of the Course.

The course is currently in its 5<sup>th</sup> year of operation with registrations totalling 992 participants to date. The average completion rate is 75%.

A NAMS Canada specific course commenced late September 2018. Details can be found in the International Activities report.

Planning is underway to conduct courses in 2019. Details can be found at: [www.ipwea.org/certificate](http://www.ipwea.org/certificate).

### **3 Information Exchange**

#### **3.1 Asset Management Study Tour to New Zealand**

The 2018 NZ Study Tour was originally planned to take place in conjunction with the NZ AM Forum scheduled for 5-6 November 2018. This did not take place and is currently on hold as discussions occur on the format and timing. The concept of a tour in March-June and broadening the audience beyond Engineering Asset Managers will be tested.

#### **3.2 Strategic Alliances**

IPWEA is continuing discussions with AMC, and EA to seek to develop a consistent professional certification scheme for asset management practitioners. Through regular contact with AMC we are advised they are undertaking a mapping exercise of prerequisite competencies.

#### **3.3 International Activities**

The following Report from Chris Champion (Director International IPWEA & Secretary General IFME) on International Affairs for asset management is presented to keep NAMS Council informed on what is transpiring globally.

Chris Champion reports:

##### **Activities in Progress**

- **Canada.** The 2<sup>nd</sup> Professional Certificate in Asset Management Planning is 80% subsidized by the Canadian Government and commenced on 25 September 2018. This is the first course under the second round of the FCM Municipal Asset Management Program (MAMP).
- There are 204 registered participants in this 12<sup>th</sup> delivery of the course.
- Up to 4 Professional Certificate courses will be delivered in English and 1 in French over the period to 31 December 2019 as part of the MAMP2 funding.
- **United States.** The IPWEA Australasia & NZ Presidents, IPWEA CEO and Director International attended the APWA PWX Conference & Exhibition in Kansas City, 26-29 August 2018. This year's Congress & PWX was held in association with the IFME 19th World Congress on Municipal Engineering. Many meetings were held in association with

the Congress. The CEO and Director International continued up to Canada to meet with the NAMS Canada team.

#### Evaluation and Outcomes from the 1<sup>st</sup> Canada Only Professional Certificate

- The final report for our first “Canada Only” Professional Certificate has been submitted to the Federation of Canadian Municipalities (FCM).
- Project Statistics and Outcomes included
  - 200 registered participants and 150 municipalities across Canada
  - 152 Professional Certificates Awarded and 152 Asset Management Plans developed; 76% successful completion rate
  - Significant peer-to-peer interaction
  - 94% municipalities improved asset management capacity
  - 95% met or exceeded their expectations; 95% recommend course
- FCM (similar to ALGA) has indicated that it partnered with IPWEA and NAMS Canada for the second round of the MAMP program for a number of reasons:
  - Practical style of training using a municipalities own data,
  - It builds internal knowledge and capacity with assignments that are usable (asset management plan) and relevant,
  - The online learning platform allows for people from cities to remote communities to take the training with their peers without the burden of travel, and
  - The testimonials FCM have received from those who have participated speak for themselves – the NAMS training works!

#### **New Initiatives**

- **Malaysia.** The Director International was invited as a Keynote Speaker at the 3rd National Asset & Facility Management Convention held in Kuala Lumpur, 8-9 October 2018. The Convention was hosted by the Minister for Works.
- The Director is presenting on Integrating Asset & Financial Management, and on The Institute as a Change Agent in Asset & Facility Management.

#### **Other Notes for consideration by NAMS Council, initiatives, ideas, feedback**

- **NAMS Canada.** Joleen Callum, from Manitoba, has been appointed as Technical Advisor with NAMS Canada in support of Nicole Allen, NAMS Canada Executive Director. This position will provide technical assistance and other support to NAMS.PLUS subscribers in Canada. It will also assist in managing the discussion forum within the Professional Certificate and a new Forum for NAMS.PLUS subscribers in Canada. The position is 100% funded under the Canadian MAMP program to 31 December 2019.
- Troy Sykes, Calgary, has become an additional resource in Canada to facilitate and present the Professional Certificate in Canada.
- Back office support for NAMS Canada (accounting, marketing, administration, subscriptions, database) is being more closely integrated into IPWEA’s systems. This assists in increasing resilience and support for NAMS Canada.

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## **4 Product & Publications Report**

### **4.1 International Infrastructure Management Manual (IIMM)**

The 5<sup>th</sup> Edition (2015) of the globally acclaimed International Infrastructure Management Manual (IIMM) has been driven largely by the introduction of the new ISO 55000 Asset Management Standards.

Recognising that the ISO Standards are very much the ‘what to do’, the IIMM provides the practical ‘how to’ in terms of applying the standards for infrastructure asset management. Refer [www.ipwea.org/iimm](http://www.ipwea.org/iimm)

### **4.2 Australian Infrastructure Financial Management Manual (AIFMM)**

The Australian Infrastructure Financial Management Manual 2015 edition was launched in October 2015 and continues to be well received. The Manual was developed by IPWEA in collaboration with the National Local Government Financial Management Forum.

A project has commenced on the development of an International version of the Infrastructure Financial Management Manual (IIFMM) based on the AIFMM.

The AIFMM 2015 Glossary is available as a free download at: [www.ipwea.org/aifmm](http://www.ipwea.org/aifmm) under *Supporting Material* as a reference point for national consistency.

### **4.3 NAMS.PLUS – Online guided pathway for Asset Management Planning**

NAMS.PLUS is an annual subscription service that provides access to tools, templates, maturity models and other online resources to develop and update asset management policy, strategy and plans based on the International Infrastructure Management Manual and ISO 55000.

At the end of October 2018 there were 392 subscribers to NAMS.PLUS, an increase of 16 (4%) since October 2017.

Access for registered users is via the IPWEA Single-Sign\_On at: [www.ipwea.org/namsplus](http://www.ipwea.org/namsplus)

### **4.4 Buildings.PLUS**

Buildings.Plus is a web-based software application designed for facility and property managers in any type of organisation that has a significant portfolio of buildings. It is also designed for managers of other assets including parks open spaces, play grounds, recreational centres, houses and educational facilities.

At the end of March 2018 there were 29 subscribers to Buildings.PLUS.

For 2018-19 the following features were released for Buildings.PLUS customers.

- The NEXT generation user interface was released which has received positive reviews from customers.
- Subscribers now have access to the NAMS Property e.Manual. Emails were sent out to each subscriber informing them of their access.

## 4.5 Practice Notes

Practice Notes are developed to provide consistent guidance to practitioners by way of articulating and applying principles and procedures supported by case studies on areas of interest.

A list of current Practice Notes can be found on the website - see [www.ipwea.org/PracticeNotes](http://www.ipwea.org/PracticeNotes)

PN12.1 – Climate Change Impacts on Useful Life has been a new addition.

Practice Notes being considered:

- Disaster Recovery Data Management
- Data Management (In conjunction with work by NZ Division and Austroads on data harmonisation)
- Marine and Waterways structure
- Street Tree Management
- Natural Assets/Waterways
- Water Sensitive Urban Design (WSUD) operations and maintenance
- Coordination of works programs with spatial data
- Parks sub-note 'Water Resources and Irrigation'
- A Public Lighting PN.
- Boardwalks and Bridges Timber Longevity and Maintenance Practices in Australia.
- Life Expectancy, Design Consideration, and Maintenance of Plastics for Public Infrastructure Structures.
- Condition Assessment of Signs

## 4.6 AUS-SPEC

AUS-SPEC is a technical specification system that assists local government in the life cycle management of their assets providing a range of templates for preparing contract documentation. Managed by NATSPEC (a national not-for-profit organisation whose objective is to improve the construction quality and productivity of the built environment through leadership of information) it is developed by the industry, for the industry and IPWEA encourages local government to subscribe to any of the AUS-SPEC packages.

AUS-SPEC is now available in eight packages, each consisting of a number of Templates. At the end of October 2018 there are 147 subscribers to the AUS-SPEC package.

### ***2018 AUS-SPEC October Update***

The annual AUS-SPEC update includes a total of 422 worksections, comprising of:

- *19 Planning and design*
- *70 Construction - Civil works*
- *133 Construction - Building and landscape*
- *92 Branded worksections*
- *108 Maintenance*

Additional AUS-SPEC resources include: 11 TECHguides, 12 TECHnotes, 7 Papers and 1 Commentary and 1 *NATSPEC Maintenance Reference*.

Documents cited include: 490 AS Standards, 105 Austroads and 410 other national and international publications.

In addition to the annual AUS-SPEC October Update, the 2018 Update includes a new *AUS-SPEC Rural Roads Package* package for the design construction and maintenance of sealed and unsealed roads for Rural Councils in Australia. The existing road reserve worksections comprising of 10 design, 63 construction and 45 maintenance were reviewed to include information for rural council roads and the following worksections were reissued:

**Reissued worksections**

- *1113 Stabilisation*
- *1143 Sprayed bituminous surfacing.*
- *1146 Microsurfacing*
- *1602 Maintenance schedules – road reserve*

**New AUS-SPEC Rural Roads Package**

The new *AUS-SPEC Rural Roads Package* covers planning and design, tendering, contract preliminaries, construction, maintenance and operations of local roads in rural and remote councils. The new *AUS-SPEC Rural Roads Package* has been developed to assist rural and remote councils to effectively design, construct, maintain and operate the local roads. More information on the new *AUS-SPEC Rural Roads Package* can be found on the NATSPEC website [www.natspec.com.au](http://www.natspec.com.au).

This is a simplified version of the existing *AUS-SPEC Roadworks and bridges* package and includes 6 new worksections, 11 cut-down worksections and 111 existing worksections amended to include additional information for sealed and unsealed roads for rural councils.

**New Design worksections**

- *0051 Geometric rural road – sealed.*
- *0052 Geometric rural road – unsealed.*
- *0053 Rural pavement design – sealed.*
- *0054 Rural pavement design – unsealed.*

**New Construction worksections**

- *1130 Rural concrete base.*
- *1140 Wearing course, base and subbase – unsealed.*

**Reissued Maintenance worksection**

*1602 Maintenance schedules – road reserve*: This spreadsheet and includes 10 worksheets for work cost review, bitumen reseals, seal preservation, proposed construction, road reserve assets, gravel pit testing, gravel resheeting, schedule of rates and samples for plant hire and labour for road maintenance.

**New TECHreport**

- *TR08 Management of council gravel pits in country areas – A case study*: This TECHreport focusses on blending of gravels from marginal gravel pits to produce defect free unsealed roads particularly focussing on impermeability and waterproofing for longer pavement life.

**New TECHnotes**

- *NTN GEN 026 Otta seal – A different approach to road sealing.*
- *NTN GEN 027 Maintenance of unsealed roads.*

### ***New reference specifications***

- *AUS-SPEC Design reference* specifications including design checklists and a scoring sheet that will assist the rural councils to decide if they need to seal an unsealed road based on different factors.
- *AUS-SPEC Construction reference* and schedules including Summary of Hold points and Witness points, Test frequencies and additional requirements for rural road assets.

All the new AUS-SPEC worksections were reviewed by selected IPWEA contacts in each State, Austroads, AustStab, Australian Asphalt and Pavement Association (AAPA), Australian Road Research Board (ARRB), Councils and the Roads and Transport Directorate

### **Other activities**

- AUS-SPEC article *Pavement preservation for more sustainable local roads* was published in the August edition of the IPWEA inspire magazine, available at: [inspire.partica.online/inspire/inspire-august-2018/flipbook/58/](https://inspire.partica.online/inspire/inspire-august-2018/flipbook/58/)
- AUS-SPEC article *4 ways to achieve better pavement preservation for local roads* featured in the IPWEA intouch newsletter on 18<sup>th</sup> September, available at: [www.ipwea.org/blogs/intouch/4-ways-to-achieve-better-pavement-preservation](http://www.ipwea.org/blogs/intouch/4-ways-to-achieve-better-pavement-preservation)
- Article on the release of the new AUS-SPEC Rural Roads Package was published in the intouch newsletter [www.ipwea.org/blogs/intouch/2018/11/01](http://www.ipwea.org/blogs/intouch/2018/11/01).
- *Guide to Codes and practices for Streets opening* and the *Model Agreement for Councils and utility service providers* published by the Streets Opening Coordination Council (SOCC) have now been released and are available at <http://www.streetsopening.com.au/resources/>. Nandini Mehta actively participated in the revision of these publications which cite the relevant AUS-SPEC documents.
- SBEnrc project: NATSPEC has been invited to participate in the *SBEnrc Project 2.64: Unlocking Facility Value through Lifecycle Thinking* <https://sbenrc.com.au/research-programs/2-64/>. The first Project Steering Group inaugural meeting was held in October 2018.

## **5 NAMS Consultant Supporters Roundtable**

The NAMS Consultants Supporters Group are integral to the success of NAMS by providing both subscription support but also wider industry input to the direction of NAMS Council.

The Consultant Supporters Group currently comprises:

- Aecom
- Assetic
- Aurecon
- AUS-SPEC (Complimentary)
- Cardno
- CT Management
- Morrison Low
- WSP
- SPM Assets
- TechnologyOne

In addition, Advisian Worley Parsons have provided a commitment to commence as a Supporter from 1<sup>st</sup> January 2019.

## 6 Austrroads - Assets Task Force & Projects

The following provides a summary of activities for the period May to November 2018:

The Austrroads Task Force met in Darwin on 21-22 August 2018.

### Guide to Asset Management (GAM)

Austrroads' Guide to Asset Management (GAM) provides guidance to road agencies on the application of contemporary 'whole of organisation' asset management practice to road networks.

This third edition of the GAM, published in July 2018, is based on the overarching asset management principles of the International Standard ISO 55000 which has a strong customer and strategic focus. The GAM includes the impact of autonomous vehicles on the road and digital infrastructure, measures to reduce the environmental impact of asset management and the practice of reliability centred maintenance. The GAM also documents the outcomes of Austrroads funded research undertaken since 2009 covering asset condition monitoring equipment, asset performance prediction models and practices that account for risk.

The GAM consists of 15 Parts across three broad themes: Management Overview, Asset Management Processes, and Technical Information and includes some 62 case studies demonstrating how asset management is practiced.

The Guide to Asset Management comprises of:

- Guide to Asset Management – Overview Part 1: Introduction
- Guide to Asset Management – Overview Part 2: Managing Asset Management
- Guide to Asset Management – Processes Part 3: Scope of Asset Management
- Guide to Asset Management – Processes Part 4: Customer Needs, Expectations and Levels of Service
- Guide to Asset Management – Processes Part 5: Strategic Approach to Managing Road Networks
- Guide to Asset Management – Processes Part 6: Defining and Understanding Asset Requirements
- Guide to Asset Management – Processes Part 7: Program Development and Implementation
- Guide to Asset Management – Processes Part 8: Financial Management
- Guide to Asset Management – Processes Part 9: Asset Information Management Systems and Data
- Guide to Asset Management – Processes Part 10: Implementation and Improvement
- Guide to Asset Management – Technical Information Part 11: Techniques to Reduce Social and Environmental Impacts
- Guide to Asset Management – Technical Information Part 12: Pavements
- Guide to Asset Management – Technical Information Part 13: Structures
- Guide to Asset Management – Technical Information Part 14: Other Assets
- Guide to Asset Management – Technical Information Part 15: Technical Supplements

Austrroads Data Standard: Knowledge Sharing Framework

Publication no: AP-T338-18

To support ongoing data harmonisation objectives, work has been completed to understand the knowledge sharing business requirements, gaps in people (capability), technology, processes and data; and where tools or existing artefacts may be available in the market to support required outcomes.

The purpose of this document is to draw together the findings from a:

- recent business requirements gathering activity
- gap assessment
- market scan.

In drawing together these documents, a holistic view of the business requirements, supporting existing artefacts, available technology components and overall approach for a proof of concept (POC) activity can be understood in line with indicative costings to consider the development of a knowledge sharing platform as a component of the broader knowledge sharing framework.

#### Guide to Pavement Technology Part 2: Pavement Structural Design

Publication no: AGPT02-17

Provides advice for the structural design of sealed road pavements. The advice has been generally developed from the approaches followed by the Austroads member agencies. However, as it encompasses the wide range of materials and conditions found in Australia and New Zealand, some parts are broadly based.

This Part covers the assessment of input parameters needed for design, design methods for flexible and rigid pavements and gives guidance on the economic comparisons of alternative pavement designs.

#### AustPADS

In association with the revised 2017 edition of the Austroads Guide to Pavement Technology Part 2, pavement design software incorporating a finite element method-based pavement response to load model has been developed.

This web-based software tool, AustPADS, is currently being finalised and it is expected to be made available early in 2018 for use by member road agencies and industry organisations working with road agencies.

A user name and password is required to access the software. Advice on establishing access to the AustPADS software tool will be provided when the software is available.

A 12-month member agency focussed trial of the AustPADS software has been agreed by the Austroads Pavements Task Force to commence in early 2018.

The primary target users for AustPADS are Austroads member road agencies in Australia and New Zealand and industry organisations working with member road agencies. During the trial period, access credentials will be prioritised for this target user group. Access may not be granted to other potential users until a later date.

#### Appropriate Use of Marginal and Non-standard Materials in Road Construction and Maintenance

Publication no: AP-T335-18

This report considers the use of marginal and non-standard materials in road construction and maintenance. It concludes that considerable evidence exists, both nationally and internationally, that supports the wider use of marginal and non-standard road pavement materials in sealed roads. It also identifies evidence from studies of unsealed roads which demonstrate the effective selection of unsealed road wearing course materials, and the benefits of good-quality construction and maintenance practices.

The report provides the basis for the use of marginal and non-standard materials in sealed roads and considers the factors affecting performance. It includes national and international case studies which provide supporting evidence of the successful use of marginal materials.

Increased focus on the quality of design, materials testing, and construction is seen as a pre-requisite to optimise the use of marginal and non-standard materials. The project findings support the wider use of preliminary materials assessment techniques and the report proposes a materials assessment protocol for low volume roads.

Each section of the report provides summarised take-home messages for asset managers to aid the application of the report's findings in different circumstances.

A webinar on this project is also available.

### 2018-19 Projects

The following projects have been approved:

- Marginal Materials and Sustainable Roads: Mick Savage, Shane Tepper.  
Focus on making marginal materials work to create sustainable roads as a next step from AAM2101. Topic covers fit for purpose use of materials eg lime / cement / stabilisation / blending of materials, use of additives, rejuvenators.
- Prolonging the life of assets: Tom McHugh, Mick Savage  
Detailed investigation of pavement performance data derived from AT1064 (Long Term Pavement Performance) and AT1932 (Network trend analysis), data mining, works effects - durability of treatments.
- Freight Efficiency: David Darwin / Ramon Staheli  
How far can the assets be pushed and what needs to change to accommodate this while maintaining sustainability? Covers vertical loading - shear forces – wide single tyres - multiple axle loading - links to economic benefits – contribution of roads to GDP – strategies for predicting heavy vehicle loads and demand. e.g. harvesting of blue gum forests in green triangle of Victoria.
- Operating costs for operational data (Catherine Dear / David Jansen).  
Investigation of a range of current and emerging cheaper options for asset data collection. What data is available and of interest? How might we acquire this data? How might this data be used to support asset decisions?

### Pavements Task Force Projects

TT2037: Development of a sprayed seal binder cracking test

TT2044: Encouraging pavement design innovations

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TT2046: Improving the cost effectiveness of foamed bitumen-stabilised pavements

Information on these and all other Austroads projects is available on the newly launched Austroads website.

NOTE: From 30th June 2018 all Austroads publications can be downloaded free of cost from the website. Registration by email is available to anyone wishing to download publications or webinars.

The next meeting of the Assets Task Force is due to be held in Hobart on 27-28 February 2019.

## **7 Around the Divisions**

### **7.1 New South Wales Division**

#### Activities in Progress

The last six months has seen dialogue continue with both sides of the NSW State Government and advocacy promoting a qualified Engineer at each Local Government entity as well as the changes with the Auditors Generals auditing Councils. The Division is promoting the importance of qualified engineers and has called on the Government to introduce a requirement for all local government authorities to have a suitably qualified engineer similar to that in Queensland and Victoria.

More importantly the NSW Division has continued the dialogue of promoting good AM practice across NSW Local Government entities, NSW Government, and the NSW OLG with an emphasis of NAMS, IIMM at the forefront of our discussions.

The enhancement of the NSW AM Panel has allowed work to continue with issues unique to the NSW Local Government reform. At our NSW AM Panel meeting held on the 27 July 2018 we were fortunate to have a representative from the NSW Audit Office who discussed AM findings from the Audit Office report titled "Report on Local Government 2017"- 20 April 2018 as well a representative from the NSW OLG who provided a presentation on 2016 Council Audit Preparedness Assessments.

NSW Audit Office: "*Report on Local Government 2017*"- 20 April 2018;

- There has been confusion regarding the role of the Audit Office. The panel was advised that the Audit Office audits and prepares a report but does not set or advise on policy. Does not provide guidelines - just audits (Performs financial audits and performance audits).
- Accuracy of asset registers was identified as a problem by the AO. There is no source of truth in some of the organisations. Some Councils are still relying on spread sheets that can be accessed and altered by multiple people. Assets not recorded in the asset register.
- In some organisations the finance and asset staff doesn't talk.
- Revaluation process – the quality of the process varies significantly. All valuations need a QA review. An external valuer should be managed by staff to ensure that valuation product is acceptable. Council needs to monitor the scope of the valuation. Both finance and AM staff need to be involved in engaging the valuer and developing the brief, to ensure the needs of both groups are met in the valuation product. Don't wait until 30

June. If you complete the revaluation early, you have more time to complete the financial statements and review before the October submission deadline.

- When financial statements are presented to Council, best if accompanied by a covering Council report. Explain the useful lives to the Councillors. Explain any significant differences to previous years.
- More alarming is the fact that some Councils still do not have an AM Policy, AM Strategy and AM Plans.
- The topical issue of RFS Assets was discussed. The OLG advised: – there has still been no decision made on this matter – there was a recent email to all GM's advising that a position has not been determined as yet. In the interim, If Councils consider that they control the RFS assets, then they need to be included in the asset register. Assets are considered to be “vested into Council”. If Council doesn't control them, ensure that there is adequate documentation as to why Council does not control them.
- The Audit Office staff had been provided with training in AM by Common Thread Consultancy. Because the AO also audits, RMS, Sydney Water, they are still learning about intricacies of local government.

NSW OLG – “2016 Council Audit Preparedness Assessments”;

The OLG are working with the AO to determine the best way forward. The panel were advised that a meeting with key report people is to be scheduled to determine best way to implement recommended improvements.

- Since 2016 Audit Preparedness Assessment, Council mergers have taken place and the landscape had significantly changed in NSW. Merged Councils have had to start from scratch and they have faced new challenges.
- There have been some improvements across the industry but there are still many issues. Council elections mean many new Councillors who need to be familiarised with AM retraining is required.
- On-going problem with asset data. Reliance on desktop revaluation with no inspections. Age based condition data. Asset condition data is therefore not reliable. Not good for decision making. Asset valuation data is not always up to date and in some cases, there are multiple asset registers in the organisation.
- In some circumstances, the Council waits until revaluation to update data. Could mean financial statements are inaccurate for up to 5 years. Councils may not have the resources to keep asset register up to date.
- Note; asset valuations no longer following a mandated timetable. Newly merged Councils need to revalue their assets, thus not coinciding with the timetable. Councils must revalue assets at a maximum of every 5 years. This will be chased up by auditors.
- AM Plans first cut was in 2012, subsidised by Government, these were very basic. Councils should have more data now and should be developing better AM Plans.

The OLG were appreciative and happy with the development of the cheat sheet for the drafting of an AM policy which promotes the NAMS template and examples of good NSW Council policies.

At our NSW AM Panel meeting held on the 19 October 2018, we commenced a review for the AM Panel Strategic Action Plan 2018 – 2020. The AM Panel itemised several further projects that are unique to NSW LG. The consensus of the NSW AM Panel was to further investigate:

- To take on a project to provide more clarification on the “Bring to satisfactory” in the Special Schedule 7 reporting, the methodology on how to calculate BTS relevant to the

community as there is a vast difference from a what rural community may consider satisfactory to that of an urban or city community.

- How to improve 20-year asset management planning with better alignment to LTFP
- Further guidance on the development of Unit Rates for Fair Value ASB113 Compliance i.e. what should and shouldn't be included. A one-page cheat sheet to help practitioners with revaluation compliance.
- Operational Planning (operations & maintenance) templates / guidelines

### New Initiatives

The NSW Auditor General are now auditing all the NSW LG entities. The AO recently called tenders for the auditing of LG entities and advised Councils who their auditor's will be for 2018/19. The IPWEA NSW Division has maintained a good working relationship with the NSW OLG and the NSW Auditors Advisory Group to develop the appropriate templates, definitions and guidelines to assist in this process. We have maintained a consistent approach to promoting the linkage and use of;

- Australian Accounting Standards
- ISO 55000 Asset Management Standards.
- International Infrastructure Management Manual (IIMM). Institute of Public Works Engineering Australasia (IPWEA)
- IPWEA NAMPLUS Advanced Risk Register Template
- IPWEA NAMSPLUS Asset Management Plan Template

We see this as an opportunity to further the IPWEA brand as leading recognised agency in the field of AM in particular the recognition of NAM's as a best practice tool.

## **7.2 New Zealand Division**

### Activities in Progress

#### NAMS Partners Meeting 14 February 2018

The 6 monthly NAMS Partners meeting was hosted at WSP Opus Wellington Office.

#### Roundtable Discussion – following discussions noted:

Dukessa Blackburn-Huettner (NAMS Committee and Auckland Council)

- Water Reform – how it works in Asset Management
- Focus & aligning to UN sustainable development goals – considering how we incorporate the opportunities to get involved.
- Climate change – need to build resilience to work with communities

Kathy Dever-Tod (NAMS Committee)

- Asset Mgmt Training – good to see new people coming to introductory sessions
- Asset Mgmt for ICT – challenges in applying ISO 55000 to ICT
- Reviewing Asset Management Plans – noted that consultants are using old style AMP templates

Brian Smith (NAMS Committee)

- Involved in Procurement
- Contract risks – rising prices
- More emphasis on long term tenders
- Infrastructure Agency – need to be involved

Jerome Edwards (Beca)

- Public sector – lacks consistency in NZ compared to UK. Noted a low level of understanding of Asset Management & Best Practice.

Tony Anderson (Calibre)

- LAPA (Local Authority Property Association) Conference & NZRA (New Zealand Recreation Association)

Kathy - need to renew relationships between IPWEA and these organisations who were founding members of NAMS in New Zealand.

Grant Holland (Waugh Infrastructure)

- Review of Infrastructure strategies
- AMPs - disconnect with OAG
- LTP process not viewed as a suite
- Lack of consistency – Audit NZ & OAG
- Challenges – Austroads material – available to download free in Australia but not in NZ

Peter Higgs – IPWEA currently looking at e-books and combining products with Australasia

Gary Porteous (WSP Opus)

- REG funded for another 3 years to December 2021
- Opportunity to work with NZTA on Digital Engineering & Metadata Standards
- Change in Government Transportation Policy Statement in operational maintenance and funding in cycle and pathways

Ian Martin (Aecom)

- Asset management maturity assessments for central govt as part of the investor confidence rating. Recent assessments are resulting in lower scores than those undertaken in the early rounds so it appears that organisations have gone backwards. This is causing a few challenges at ministerial level with a risk that the credibility of the framework will be questioned. While the moderation process has generally worked well across different assessors and different agencies, the early interpretation of the framework was “generous”, industry understanding of the framework has strengthened, ISO 55001 has assisted “draw a line in the sand”, and expectations are that AM practice continues to improve (what was good is now acceptable).
- Evidence that there are some newcomers to AM consulting who may be confidently vocal, but whose experience is limited with a paint-by-numbers approach.
- Beware of the Liquid Learning type organisations – non-industry groups in competition with a profit focus rather than a Best-for-industry focus.

Peter Higgs provided an update on the training programme.

- Asset Management for Buildings training – well received
- Strategic Asset Management for ICT – low attendance, but exposed attendees to other course offerings, and a number have enrolled in other IPWEA courses
- RIMS Risk Management on Road Networks – postponed until funding available for training material
- Peter in discussions with Weltec regarding joint training offerings

- Brian noted that Funding the Gap training has been well received and more training is required in this area

Partners to inform IPWEA if any other training offerings required?

Ian Martin noted – ICR process – lack of support and opportunities in this space. There is a growing interest in ICR ratings.

There was a discussion around why Auckland was not a suggested venue for training? The reason being, the poor turnout at training seminars.

Update of ODM Manual

Peter Higgs spoke to this item.

A Better Business Case has been drafted for the update of the ODM manual and is being reviewed by the NAMS Committee. It was noted that AECOM provided an offer of service for update of the manual in 2014 and the starting point would be for AECOM to propose what that might look like in 2018.

NAMS NZ Project Update

Status is as follows.

Project	Description	Status
1	Review Existing IPWEA Material	Complete
2	Review Australian Infrastructure Financial Management Manual (AIFMM)	Scoping complete. Was considered could be an addendum to the IIFMM but business case for NZIFMM under review.
4	Asset Management Maturity	Current priority for NAMS Committee to scope
7	Update Optimised Decision-Making Manual	Business Case under review.
8	Support Meta Data Standards	Watching brief – no sponsor
11	Simplify Guidance Material/Style Guide	Common to all projects
12	AM101 Guideline*	Complete – Published as AMB – Asset Management Basics (Co-funded by NAMS AU.)
13	Fostering our Future Talent	Underway

Advancing Asset Management Forum Held 5 & 6 November 2018 at the Intercontinental in Wellington.



The theme for the Advancing Asset Management Forum was ‘Game Changers: Are you ready for tomorrow’s infrastructure? Our theme challenges us to identify how asset management can

fortify our infrastructure, and our industry, for radical disruptive change. What are the Game Changers for you and how do we get ready for it? The six key sub-themes were:

- TECHNOLOGICAL CHANGE
  - A CHANGING ENVIRONMENT
  - CHANGING REQUIREMENTS
  - CHANGING BUSINESS OR FUNDING RULES
  - SKILLS AND CAPABILITIES WE WILL NEED
- 
- 1.5-day format (positive feedback from previous forum).
  - There were 124 attendees (129 in 2016).
  - Attendees included, Local and Regional Councils, Consultants, Contractors, Land Information NZ, NZ Transport Agency, Ministry of Education, World Bank, The Treasury, Audit NZ.
  - Use of Slido and Google Documents was a new approach to capturing workshop feedback immediately and then polling the attendees on priorities from each workshop. This will then feed into the outcomes document.
  - Forum was opened by Shane Jones - Minister for Forestry, Infrastructure, Regional Economic Development, Associate Finance and Transport.
  - We have had so much positive feedback. Keynotes and workshop presenters were of high quality and relevance. There is a real buzz that we can collectively make a real difference and a step change.
  - The outcomes will greatly assist the NAMS committee (and, in turn, IPWEA NZ) in setting its priorities and works programme.

#### New Initiatives

All new projects, including training initiatives, are subjected to a Business Case process.

Since the last report, business cases have been developed for the following training courses based on existing Road Infrastructure Management (RIMS) Group guidelines:

- Pavement Strength Testing and High-Speed Data Collection
- Risk Management on Roding Networks
- Traffic Counting

The Traffic Counting courses have commenced, and the registration levels have exceeded the budget expectations.

The content for the remaining two courses is yet to be developed. RIMS have sought seed funding from the NAMS Group

### **7.3 Queensland Division**

#### Activities in Progress

The Department of Local Government, Racing and multicultural Affairs made an Asset Management presentation to the LGAQ Asset Management Advisory Group, making the following comments:

- Received funding in the State Budget to continue work on grant reform and to continue the 'Works for Queensland' program;

- Intends to promote skills transfer and employment outcomes for remote communities through asset management and capital works;
- Recognises the need to develop a strategic approach to manage the significant challenges in renewing / replacing council water and waste water assets;
- Recognises the need to improve councils' asset management capability, and will develop specific purpose 'toolbox' resources to assist councils in addition to continuing its education program through the tropical workshops and other targeted support;
- Is developing a project specification to engage the QTC to review the relevance of financial performance indicators including mandatory ratios;
- Will also consider a project to examine the appropriateness of the treatment of depreciation by councils for long-life public assets;
- Will convene a workshop(s) with the Queensland Audit Office to consider technical issues affecting the measurement of council financial performance, with a goal of having one set of financial statements that guide all local government management decisions.

The IPWEAQ State Conference was held at the Gold Coast on the 10-12th October was very successful with 485 conference participants, 50 exhibitors, four streams and 36 sessions over three days. The Asset Management stream provided good case studies of lessons learned in relation to Asset Management.

#### New Initiatives

In Partnership with Murray Erbs endeavouring to meet with the new Local Government Director General to discuss how the NAMS suite of products would assist the State Governments strategy to improve Councils asset management capability.

## **7.4 South Australia Division**

#### Activities in Progress

##### Working towards forming a NAMS SA / Asset Management Interest Group

Initial discussions have commenced with some key South Australian Local Government Asset Management Personnel with the view to establish a South Australian Interest Group aligned with IPWEA.

South Australia currently has an informal Asset Management Interest Group generally made up of practitioners and while the majority of these group members are IPWEA members, the group itself is not aligned via IPWEA and NAMS.

##### 2018 IPWEA (SA) State Conference & Excellence Awards Dinner

The 2018 IPWEA (SA) State Conference and Excellence Awards Dinner was held on Friday 25th May 2018 in Adelaide.

The celebration of IPWEA SA's Gala Dinner, including the presentation of the 2018 Excellence Awards to recognise innovation and excellence in the public works field followed the successful day conference.

A summary of the award winners was:

Excellence in Design and/or Construction of a Public Works Project - Civil Under \$1 million  
Winner - Eudunda Heavy Vehicle Town Bypass Project - Regional Council of Goyder

Excellence in Design and/or Construction of a Public Works Project - Civil Over \$1 million  
Winner - Aldinga District Centre - City of Onkaparinga

Excellence in Design and/or Construction of a Public Works Project - Water Over \$1 million  
Winner - Bickford Terrace, Major Drainage Project - Lucas Total Contract Solutions & City of Holdfast Bay

Excellence in Road Safety Engineering  
Winner - London Street Bridge Replacement - BMD & City of Port Lincoln

Excellence in Design and/or Construction of a Public Works Environmental Enhancement Project  
Winner - Willunga Mainstreet - City of Onkaparinga

Excellence in the Sustainable Solutions in Public Works  
Winner - The Five Year Plan for Dry Creek - City of Tea Tree Gully

Excellence in Asset Management Projects and Practice  
Winner - Managing Assets through Capability and Knowledge - City of Tea Tree Gully

Emerging Leader  
Winner - Ben Clark - City of Tea Tree Gully

Professional of the Year/Public Works Leader  
Winner - Kathryn Johnson - IPWEA SA Secretary

#### Infrastructure Guidelines: Standards and Requirements for the Design and Construction of Infrastructure Assets in South Australia

As reported in the May update report, over the past few years, IPWEA SA has been progressing the development of Infrastructure Design Guidelines for South Australia with funding from the Local Government Research and Development Fund.

The guidelines started as Land Division Design guidelines and quickly moved to Infrastructure Design guidelines as it became evident that works completed by Councils and developers should be to similar standards. Over time, the Infrastructure Design Guidelines will include standard drawings, specification references, checklists and proformas. The guidelines are intended to be a live document and will be updated over time as required.

We are now pleased to announce that the Infrastructure Guidelines are now available for use and a copy can be obtained in the Library section of IPWEA (SA) website.

Copies of The Infrastructure Guidelines for use in targeting consistency in design and construction of new developments were posted to all 68 South Australian councils in late 2017. The SA Government Department responsible for the new Planning Development and Infrastructure Act is referencing the Guidelines and in time may mandate them.

A challenge for IPWEA SA is keeping the Guidelines updated as there is no income stream to fund this. Whilst discussion has occurred with the Department on funding for updates no position has yet been reached.

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## 7.5 Tasmania Division

### Activities in Progress

Regional AM meetings have commenced again with the latest meeting held on 30 October. For this meeting an invitation was sent to all Tas councils as a way of including all organisation throughout the state. The meeting was well attended with 17 councils in attendance and another 6 as apologies. At the meeting a number of issues were discussed, and a short workshop session was run as both a networking and a small group session (in the same style as the CRT session in May).

Issues discussed at the meeting included; recognising the loss of AM knowledge and support for new people in the AM field; the General Managers Workshop; an update from LGAT on activities including the SAMP Template status, Extranet resources, Road and Jetties Act, LG Road Hierarchy, Climate Change office, and upcoming LGAT workshops; the asset rates and lives issue was put on the table again, it was agreed that a simple comparison table would be of some value; ownership and responsibility of street lighting poles; how asset managers can make better use of documents including the IIMM, AIFMM and Practice Summaries.

Much of the day was spent developing an action plan for the group. This session followed the CRT session format with the goal of identifying issues that keeps you up at night, identifying a small achievable list of actions for the group to work through over the next 12 months. Feedback from the meeting noted that it went well, and people seemed to get value from the half-day session. The next meeting is to be held in March 2019.

The action plan identified 10 actions, ranging from better use of audit panels, climate change effect, LGAT Intranet site and comms tool, unit rates and lives, CWP planning, an AM tool kit, training opportunities, community engagement project, and service level consultation.

### New Initiatives

Following the May NAMS Council an opportunity arose to present at the September General Managers Workshop run by LGAT on asset management. This presentation centred on lessons learnt from the 2014 NZ Study Tour and NZ approach to AM. Discussed on the day included matters such as the goal of AM, AM principles and the benefit of an organisational approach to AM. It is hoped that this presentation can help raise awareness of AM. Feedback from LGAT noted the presentation was received well and provided a good base from which LGAT can reengage councils in this space.

The Tasmanian State Government has announced that there will be a review of the LG Act. Currently feedback is being sort on the terms of reference for the review, however the formal review and update of the Act is expected to take several years to reach final completion. The Tas AM Group expressed an interest in forming a subcommittee to develop a submission to the state government on AM issues relating to the Act review.

## 7.6 Victorian Division

### Activities in Progress

1. 2019 IPWEA VIC State Conference

PWC19 will be held on the 9th and 10th of May 2019 at the Arts Centre Melbourne. It will focus on *Engineering Thriving Communities* and address smart technology, asset management, sustainable liveability and performance enhancement. It is planned to approach Graeme Emonson – Executive Director – Local Government Victoria, as a key note speaker. The timing coincides with the NAMS Council meeting and the aim is to foster some collaboration between the Division and the NAM Council and Consultant Group whilst the opportunity is available.

**2. IPWEA VIC Summer Asset Management Intensive - February 2019**

Following a successful pilot in 2018, SAMI will be presented again in 2019 subject to sufficient interest amongst Victorian local Councils. The Intensive comprises three IPWEA Training Courses and will be presented by independent experts supported by comprehensive reference material. This three-day program will cover the why, what and how of best practice asset management.

**3. Victoria – Overall Context**

**a. State of Engineering 2018 – Report**

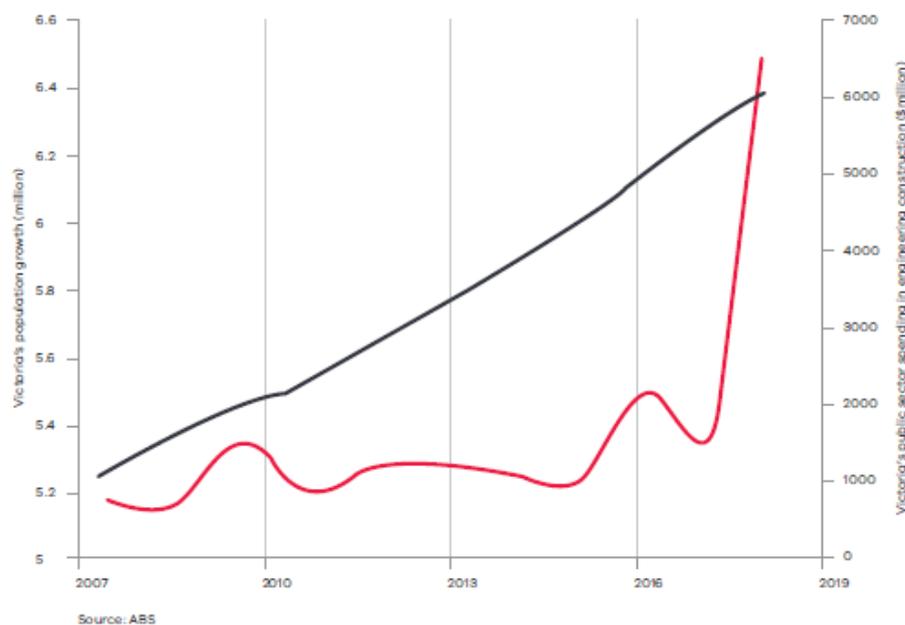
In October 2018, the Department of Treasury and Finance released the above report. The purpose of the report is to highlight the value of the engineering profession to environmental, social and economic benefits for Victoria, both now and into the future. “The report also details future challenges and current key initiatives that will enable the engineering profession to continue delivering creative solutions Victoria. With the support of the Office of Projects Victoria, the profession, what a government and other influential stakeholders, the Victorian Chief Engineer will continue to develop initiatives and programs to address the needs of infrastructure and engineering development in Victoria.”

Of particular interest is the massive increase in public sector spending in Victoria. An extract from the report is shown below in Fig 4.

**The public infrastructure boom**

Victoria’s population is expected to increase by around 50 per cent (more than 3 million) in the next 28 years. As our population increases, we must continue to build the infrastructure to meet our community’s needs.

**Figure 4: Population growth and public sector spending on engineering construction**



This will have a significant impact on Asset and Financial Management in Victoria.

The report can be accessed via <http://www.opv.vic.gov.au/Office-of-Victorian-Chief-Engineer/The-State-of-Engineering#>

b. Victorian Auditor General's Office (VAGO) – Audits

*September 2018 - Delivering Local Government Services*

The report concluded in part that “Each Council we audited has some good elements of service planning, review and evaluation. But none are sufficiently comprehensive or systematic to be assured that their service mix and costs meet the needs of the community.” It also states that “Better benchmarking would increase transparency about Council costs and allow councils, and the wider community, to compare efficiency over time.”

The key linkage between Service Planning and Asset Management was identified in the report: “Another important element of service planning is its link to asset management. Councils need to ensure they have the right facilities to deliver services.”

*2018/19 - Local Government Assets: Asset Management and compliance*

The objective of this audit is to determine whether local councils accurately document infrastructure assets in the Information Systems and use this data in the asset management and planning. The 79 Victorian councils control over \$100 billion of fixed assets.

*May 2019 - Compliance with the Asset Management Accountability Framework*

This relates to public sector agencies which manage a portfolio of non-current assets comprising land, buildings, infrastructure, plant and equipment valued at over \$239 billion

*2019/2020 FY - Supporting Communities through Developer and Infrastructure Contributions*

The objective of this audit is to determine whether the development infrastructure contributions provide required infrastructure to new and growing communities is intended.

*2019/2020 FY - Planning and Managing Victorian Infrastructure*

The objective of this audit is to determine whether Infrastructure Victoria and the office of Projects Victoria have met their objectives

*2020/2021 FY - Local Government Assets: Maintaining Local Roads*

The objective of this audit is to determine whether local councils are achieving value for money in maintaining local roads. There are over 130,000 km of local roads and almost 6000 bridges and account for approximately 85% of the state's total road network.

c. Victorian Local Government Act

The current Victorian Local Government Act 1989 is the oldest local government legislation in Australia. It has been under review for the past couple of years. The new Local Government Bill 2018 was introduced into parliament in May 2018. It was passed in the lower house and moved to the upper house but the Victorian government is now in election caretaker mode and the bill has now lapsed. The outcome of the state election in November 2018 will determine the future of this bill.

This bill is important from an Asset and Financial Management perspective as it incorporated three key items that would become mandatory.

- 10 year Asset Management Plans per asset category
- 10 year Capital Works Programs
- 10 year Long Term Financial Plan

d. Victorian Council Sustainability – Overview (Source- CT Management Group)  
Councils in Victoria manage around \$102 billion of assets and invested \$2.2 billion in these in 2017/18- \$1.05 bn in renewal.

The NAMAf results indicate that many Councils would struggle to meet the proposed compliance hurdles in the new Act that are relevant to Council services - leadership, fundamental knowledge, and development of policy, strategy and plans.

NAMAf Competency scores are slipping back.

Renewal Demand is unknown in many Councils.

2016/17 FY - over \$0.5 billion CAPEX (26%) not delivered.

Huge variability and depreciation charges – 0.8% to 4.0% of infrastructure value.

Over a four-year period 2017/18 – 2020/21:

- 54 of 79 (68%) councils projecting underlying operating deficits
- 52% of Capex is on new and upgrade
- The majority of Councils are reducing their capital spending. CAPEX reduction 13.4%

e. Victorian Engineers Registrations Scheme

The new Victorian Engineers Registration Bill 2018 was introduced into parliament in March 2018. It was passed in the lower house and defeated in the upper house, but Victorian government is now in caretaker mode and the bill has now lapsed. The outcome of the state election being held in November 2018 will determine the future of this bill.

f. STEP Asset Management and Financial Sustainability PROGRAM 2018/19

The latest National Asset Management Assessment Framework (NAMAf) survey of Victorian Councils shows they are weakening across the 11 indicators – sector performance and knowledge is on the decline at a time when compliance requirements, community engagement and accountability are significantly increasing.

The MAV STEP Program 2018/19 recognises the changing landscape that Local Government in Victoria is facing:

- rate capping
- high staff turnover
- the impact of climate change, with increased floods and fire;
- the increasing compliance requirements of the new Local Government Act

are all demanding challenges for Councils.

The program is available to all councils in Victoria and will comprise individual site visits, regional meetings, regional forums to support organisational capacity building in financial and asset management. It also provides access to various financial sustainability and asset management benchmarking ratios.

One of the key drivers for the program is “Increased leadership – accountability of CEO and Executive for Asset Management performance including the NAMAf score, state of the assets, condition knowledge, depreciation rates, valuations, governance, etc

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## New Initiatives

### 1. Victorian Asset Management Working Group

Consideration is going to be given to the possibility of establishing an asset Management working group to focus practitioner issues around asset and financial Management via IPWEA VIC and act as a forum to collect and distil opportunities for improvement and how IPWEA can assist. This should provide a conduit of relevant and up-to-date information for NAMS Council consideration and action.

### 2. Interaction between NAMS Council and IPWEA VIC

It is seen as advantageous, where possible, to facilitate interaction between the NAMS Council and IPWEA divisions. Given the next NAMS Council meeting and the IPWEA VIC conference are being held at the same time the opportunity exists for interaction and collaboration. This could take the form of the NAMS Council and members consultant group attending the Awards dinner on 9 May 2019.

## **7.7 Western Australian Division**

### Activities in Progress

- The WA Asset Management Committee has been relatively inactive this year and has struggled to meet due to individual workloads.
- A proposal to undertake a student research project relating to asset management in WA was sent to a local university however a response has not yet been received.
- In relation to asset management related forums,
  - A half day workshop by Paul O'Docherty from Deighton Australia & Amy Wade from Talis Consultants on the topic of "Asset Deterioration Modelling & Life Cycle Cost Analysis – Concepts, Methods & Solutions" was held on the 18th April. This introduced modelling methods, data requirements, model inputs and objective function and optimisation techniques.
  - A workshop "Benefiting from Cost Effective Water Sensitive Urban Design" was held 17 October. The workshop presented by Martyn Glover, Jeremy Maher, and Martin Spencer, covered maintaining water sensitive urban design assets to achieve corporate goals of liveability, sustainability, resilience and productivity.
  - The IPWEA WA Training Week on 12 to 16 November 2018. Included a presentation titled "What is Your Asset Data Telling You?". Presented by Hein Aucamp, this covered the range of typical asset data that organisations collect, and how they can interpret the data using simple software tools.

### New Initiatives

- The WA Division is working on a Roadshow concept, to take the IPWEA message, including asset management, to regional areas. A preliminary presentation is being made to the Southwest Branch Conference to test the idea.
- The IPWEA WA Committee is trialling the production of summary notes for reference material. A wide range of standards and guidelines are released by various organisations through the year, and the Committee has identified an opportunity to provide a service to members, by preparing a summary sheet on the respective guidelines. The summary sheet can assist members to decide whether or not to read the whole guideline, and to find the

key information they may be seeking. The first of these is being edited prior to release through IPWEA WA.

**NAMS Council** is an initiative of the IPWEA.

The NAMS (National Asset Management Strategy) Council supports the IPWEA to be the peak professional association that enhances the quality of life in communities by providing consistent leadership, advocacy, and best practice in the sustainable management of public works infrastructure, community assets and services.

**NAMS Council** members are:

Chair

Murray Erbs, [murray.erbs@ipwea.org](mailto:murray.erbs@ipwea.org)

Division Delegates:

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## **8 Next NAMS Council Meetings**

Schedule for the next two meetings:

38 <sup>th</sup> NAMS Council meeting	Melbourne	Friday 3 <sup>rd</sup> May 2019
39 <sup>th</sup> NAMS Council meeting	Melbourne	Friday 10 <sup>th</sup> Nov 2019
Consultant Supporters Roundtable	Melbourne	Thursday 2 <sup>nd</sup> May 2019

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