

His Worship the Mayor
Councillors
CITY OF MARION

NOTICE OF INFRASTRUCTURE AND STRATEGY COMMITTEE MEETING

Council Chamber, Council Administration Centre
245 Sturt Road, Sturt

Tuesday, 02 April 2019 06:30 PM

The CEO hereby gives Notice pursuant to the provisions under Section 83 of the Local Government Act 1999 that a Infrastructure and Strategy Committee meeting will be held.

A copy of the Agenda for this meeting is attached in accordance with Section 83 of the Act.

Meetings of the Council are open to the public and interested members of this community are welcome to attend. Access to the Council Chamber is via the main entrance to the Administration Centre on Sturt Road, Sturt.



Adrian Skull
Chief Executive Officer



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OPEN MEETING**KAURNA ACKNOWLEDGEMENT**

We acknowledge the Kaurna people, the traditional custodians of this land and pay our respects to their elders past and present.

ELECTED MEMBER'S DECLARATION (if any)**CONFIRMATION OF MINUTES****Confirmation of the minutes for the Infrastructure and Strategy Committee Meeting held on 5 March 2019**

Originating Officer Executive Assistant to General Manager Corporate Services - Louise Herdegen

Corporate Manager Manager Corporate Governance - Kate McKenzie

Report Reference: ISC190402R01

RECOMMENDATION:

That the minutes of the Infrastructure and Strategy Committee Meeting held on 5 March 2019 be taken as read and confirmed.

ATTACHMENTS:

#	Attachment	Type
1	ISC190305_Draft Minutes	PDF File

**MINUTES OF THE INFRASTRUCTURE AND STRATEGY MEETING
HELD AT ADMINISTRATION CENTRE
245 STURT ROAD, STURT
ON TUESDAY 5 MARCH 2019**



PRESENT

Elected Members

Councillor Luke Hutchinson (Presiding Member), Councillor Ian Crossland, Councillor Tim Gard, Councillor Bruce Hull, Councillor Matthew Shilling

His Worship the Mayor Kris Hanna

Independent Member

Mr Christian Reynolds

In Attendance

Councillor	Maggie Duncan
Councillor	Nathan Prior
Councillor	Jason Veliskou
Councillor	Joseph Masika
Mr Adrian Skull	Chief Executive Officer
Ms Abby Dickson	General Manager City Development
Mr Tony Lines	General Manager City Services
Mr Vincent Mifsud	General Manager Corporate Services
Ms Fiona Harvey	Manager Innovation and Strategy
Mr Greg Salmon	Manager City Activation
Ms Megan Hayward	Manager City Property
Mr Mathew Allen	Manager Engineering and Field Services
Mr James O'Hanlon	Unit Manager Sport & Recreation Facilities
Mr Glynn Ricketts	Water Resources Coordinator
Ms Rebecca Neumann	Senior Environmental Planner
Mr James Carly	Water Research Laboratory, University of New South Wales
Ms Ann Gibbons	Environmental Sustainability Manager
Ms Louise Herdegen	Executive Assistant to General Manager Corporate Services / Minutes

1. OPEN MEETING

Councillor Hutchinson opened the meeting at 6.32 pm

2. KAURNA ACKNOWLEDGEMENT

We acknowledge the Kurna people, the traditional custodians of this land and pay our respects to their elders past and present.

3. ELECTED MEMBER'S DECLARATION (if any)

The Chair asked if any Member wished to disclose an interest in relation to any item being considered at the meeting.

NIL

4. CONFIRMATION OF MINUTES

Confirmation of the minutes for the Infrastructure and Strategy Committee Meeting held on 5 February 2019 (Report Reference: ISC190205R01)

Moved Mayor Hanna

Seconded Councillor Crossland

That the minutes of the Infrastructure and Strategy Committee Meeting held on 5 February 2019 be taken as read and confirmed.

Carried Unanimously

5. BUSINESS ARISING

Review of the Business Arising from previous meetings of the Infrastructure and Strategy Committee Meetings.

8:46 pm Business Arising Statement - Action Items
(Report Reference: ISC1900305R02)

Moved Councillor Crossland

Seconded Mayor Hanna

That the Infrastructure and Strategy Committee:

1. Notes the business arising statement.

Carried Unanimously

6. CONFIDENTIAL ITEMS

7: 31 pm Confidential Cover Page - Marion Golf Club

(Report Reference ISC190305F01)

Moved Councillor Crossland

Seconded Councillor Shilling

That:

1. Pursuant to Section 90(2) and 3(b) (i) and (ii) of the *Local Government Act 1999*, the Council orders that all persons present, with the exception of the following persons: Adrian Skull, Vincent Mifsud, Abby Dickson, Tony Lines, Kate McKenzie, Glynn Ricketts, James O'Hanlon, Mathew Allen, Megan Hayward, Louise Herdegen, be excluded from the meeting as the Council receives and considers information relating to the report *Marion Golf Club*, upon the basis that the Council is satisfied that the requirement for the meeting to be conducted in a place open to the public has been outweighed by the need to keep consideration of the matter confidential on the grounds that the report contains information of a commercial nature that would on balance, be contrary to the public interest.

Carried

7.32 pm the meeting went into confidence

Moved Councillor Crossland

Seconded Councillor Shilling

That:

1. In accordance with Section 91(7) and (9) of the *Local Government Act 1999* the Council orders that this report, Marion Golf Club and the minutes arising from this report having been considered in confidence under Section 90(2) and (3)(b) (i) and (ii) of the Act, except when required to effect or comply with Council's resolution(s) regarding this matter, be kept confidential and not available for public inspection for a period of 12 months from the date of this meeting. This confidentiality order will be reviewed at the General Council Meeting in December 2019.

Carried Unanimously

8.46 pm the meeting came out of confidence

7. REPORTS FOR DISCUSSION

6:34 pm Hallett Cove Sea Pool Technical Feasibility Study - Feedback and Discussion (Report Reference: ISC190305R03)

6.34 pm Senior Environmental Planner and Water Research Engineer from University of NSW entered the meeting to provide an update on the progress of the Hallett Cove Sea Pool Feasibility Study.

The following is a summary of the discussion:

- Presentation included advantages, limitations, pool types, sea level rise / tidal conditions, wave overtopping of pool walls, safety considerations, lifecycle expectations, maintenance, usage estimates, water quality.
- Estimated costs and lifecycle, initial capital, refurbishment and maintenance costs.
- Embankment protection – stepped concrete wall shown as an example.
- Potential pool size has been based on best practice and feedback from other community areas indicate that is what works well for ocean pools.
- The ocean are generally unfenced. Fencing is only used for the few pools that charge admission.
- Lifeguards were discussed. In NSW some pools use lifeguards depending on the popularity of the pool. Further advice on the need for lifeguards at a pool in Hallett Cove would need to be sought.
- In severe weather events, signage is used to close the pool.
- Location selected due to shelter from headland, winter sun, access to the pool. Cost to relocate stormwater relatively minor versus having the pool in the right location.
- Ecological and coastal heritage study includes the whole Heron Way embankment.
- Car parking studies are underway but further consideration would be needed with the existing Boatshed Café, coastal boardwalk and recreational users.
- Only at the feasibility study stage at this point and no detailed design has been considered. It is a State Government project that we are assisting with.

Moved Councillor Gard

Seconded Mr Reynolds

The Infrastructure and Strategy Committee:

1. Receives a presentation on the progress of the Hallett Cove sea pool technical feasibility study
2. Provides feedback and comments for inclusion in a final report to be considered by General Council.

Carried Unanimously

8: 47 pm Marino Hall - Update on Development Options
(Report Reference: ISC190305R04)

8.47 pm Manager City Activation entered the meeting to provide an update of potential options for the development of the Marino Hall and adjacent land.

Discussion consisted of potential vision for the future use of the Hall and site, including:

- New Manager City Property has recently come on board and is looking at the options and best use of the land as part of a whole city Strategic Asset Management Plan. This could take 8 months or more to develop but when completed it will provide a clear direction for future decisions of council assets.
- Part of the process will be to look at the changing needs of the assets, demographic data, broader opportunities for council to go beyond what they would normally have done. The aim is to get maximum value for money of our sites.
- Will be seeking extension to grant funding so council has certainty about the future of the property.
- Community engagement – suggest the planning is done first and then present clear ideas to the community for feedback.
- Balance best value between local community needs and council assets. Members will add value to tap in to local knowledge.

Moved Councillor Hull

Seconded Councillor Crossland

That the Committee:

1. Notes the status of the project.
2. Recommends that this redevelopment opportunity comes into the City Property Strategic Asset Management Plan.
3. Provides feedback on the approach to redevelop the site.

Carried Unanimously

9:06 pm Infrastructure and Strategy Committee 2019 Focus
(Report Reference ISC190305R05)

9:06 pm General Manager City Development and Manager Innovation and Strategy entered the meeting to facilitate a discussion on the priorities and schedule over the annual program.

Discussion points is as follows:

- Options for meeting structure and thoughts on major projects.

- The masterplan for Cove Sports is on the extranet for members to revisit (under Major Projects).
- Ensure members are kept informed and reports are received in a timely manner where timeframes permit.
- Suggestion that reports contain hyperlinks to previous reports where there is a lot of history for informed decision making.
- Need to give more time to the broad city activation agenda through these meetings ie Westfield Marion redevelopment, Oaklands Smart Precinct, other activation projects.
- Challenges of waste & recycling now and in the future is a valuable topic for Committee.
- Part of the committee's role is to look at the strategy over the short, medium and long term and think about areas where taking a strategic approach is most valuable.
- This Committee is a smaller group and allows issues to be debated. More information can then be shared at council to allow efficient decision making at that level.
- Data and information will continue to be an important focus area to support informed decision making and helps achieve strategic outcomes.
- Would be good to hear from SLT and what other Councils are doing in their area around best practice. Links to innovative ideas register.
- Keep adopted meetings scheduled but focus every second meeting as more of an open agenda or bring a manager in to share innovation, vision, projects, process improvement happening in their area. Potential guest speakers suggested to link in outward thinking. Spend more time on one topic.
- Alternative suggestion to the meeting structure is to split the meeting between the agenda items and project discussion ie 2 hours project, 1 hour agenda items and alternate for next meeting.
- Draft agenda to be developed for consideration by Chair and Committee

Moved Councillor Crossland

Seconded Councillor Gard

That the Infrastructure and Strategy Committee participates in a workshop to finalize its 2019 work program.

Carried Unanimously

9:51 pm Emerging Innovation and Ideas (Report Reference 20190305R06)

9:51 pm General Manager City Development and Manager Innovation and Strategy entered the meeting to share the first iteration of a register of innovative and emerging ideas, products and services gathered from across the organisation for consideration and future direction. Points of discussion were as follows:

- Some projects have funding requirements and others are being progressed through the administration. Any ideas the Committee would like further information can be brought to a future meeting.
- Suggestion to inform every alternate meeting how we can innovate.
- Staff have a regular rewards program for innovative ideas. Committee interested in seeing a summary of award recipients for information purposes.
- City of Marion has been shortlisted as finalists in 3 categories for the annual LG Professionals Awards – Excellence in Cross Council Collaborative partnerships, Innovative Management Initiatives, and Excellence in People and Culture.
- City of Marion is collaborating well other councils in a number of areas.
- Potentially work towards collaborating better with State Government.
- This is an exciting opportunity with lots of potential to attract more commercial and residential interest in the council area.

Moved Councillor Crossland

Seconded Councillor Gard

That the Infrastructure and Strategy Committee:

1. notes the register of innovative and emerging ideas
2. identifies any initiatives the Committee would like further information on.

Carried Unanimously

8. REPORTS FOR NOTING - Nil

9. WORKSHOP / PRESENTATION ITEMS – Nil

10. OTHER BUSINESS - Nil

11. MEETING CLOSURE

The meeting was declared closed at 9:55 pm.

12. NEXT MEETING

The next meeting of the Infrastructure and Strategy Committee will be held at 6.30pm on Tuesday 2 April 2019 in the Council Chamber, 245 Sturt Road, Sturt.

BUSINESS ARISING

Review of the Business Arising from previous meetings of the Infrastructure and Strategy Committee Meetings

Business Arising Statement - Action Items

Originating Officer	Executive Assistant to General Manager Corporate Services - Louise Herdegen
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Abby Dickson
Report Reference	ISC190402R02

REPORT OBJECTIVE

The purpose of this report is to review the business arising from previous meetings of the Infrastructure and Strategy Committee meetings, the meeting schedule and upcoming items.

RECOMMENDATION

That the Infrastructure and Strategy Committee:

1. **Notes the business arising statement.**

Attachment

#	Attachment	Type
1	ISC190402 - Business arising statement - action items	PDF File
2	ISC forward agenda	PDF File

	Date of Meeting	Item		Responsible	Due Date	Status	Completed / Revised Due Date
1.	7 August 2018	ISC070818R02	Export Marketing and Economic Development <ul style="list-style-type: none">Additional details be provided on the details of the Exports noted in the document <				

	Date of Meeting	Item		Responsible	Due Date	Status	Completed / Revised Due Date
4.	5 March 2019	ISC190305F01	Marion Golf Club <ul style="list-style-type: none"> Profiling of sports use report to be provided to members. 	James O'Hanlon	2/4/19		
			<ul style="list-style-type: none"> Copy of current lease to be shared with members. 	James O'Hanlon	2/4/19	Completed	
			<ul style="list-style-type: none"> Provide copy of original report that went to Council about the hand over responsibility of Belair Golf Club. 	Abby Dickson	31/3/19	Completed	26/3/19

* Completed items to be removed are shaded

Infrastructure and Strategy Committee 2019

Meeting schedule

5 February	6.30 – 9.30
5 March	6.30 – 9.30
2 April	6.30 – 9.30
7 May	6.30 – 9.30
4 June	6.30 – 9.30
2 July	6.30 – 9.30
6 August	6.30 – 9.30
3 September	6.30 – 9.30
1 October	6.30 – 9.30
5 November	6.30 – 9.30
3 December	6:30 – 9:30

Committee Membership

- Membership – 5 Elected Members + 1 Expert Member
- Quorum - 4 Committee Members

Presiding Member – Luke Hutchinson

Expert Member – Christian Reynolds

Members

- Ian Crossland
- Tim Gard
- Bruce Hull
- Matthew Shilling

Infrastructure & Strategy Committee Date: Tuesday, 5 February Time: 6.30pm – 9.30pm					
					Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible
Capital Works Review	Final report of review				Tony Lines
Oaklands Smart Precinct Project update	Quarterly update on Smart Precinct project				Georgie Johnson/Fiona Harvey
Committee Forward Agenda	Support the Committee's discussion on setting the forward agenda for 2019				Fiona Harvey

Infrastructure & Strategy Committee Date: Tuesday, 5 March Time: 6.30pm – 9.30pm					
					Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible
Hallett Cove Seapool Feasibility Study	Presentation on feasibility study	Presentation	60 mins	James Carly UNSW, Water Research Centre	Rebecca Neumann
Committee 2019 Work Program	Workshop to consider work program for remainder of the year.	Workshop			
Marion Golf Club					Mathew Allen
Quarterly Emerging Innovations and Ideas	Topic Focus to be determined				Fiona Harvey
Marino Hall	Progress report				Greg Salmon/Megan Hayward

Infrastructure & Strategy Committee Date: Tuesday, 2 April Time: 6.30pm – 9.30pm					
					Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible
Strategic Discussion/Innovation Opportunities	Future of lighting in the City of Marion Opportunities for smart lighting	W			Georgie Johnson/Fiona Harvey
Guest Speaker (if appropriate, aligned with Strategic Discussion)	SAPN				

Infrastructure & Strategy Committee		Date: Tuesday, 7 May Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	
Key Projects - SAEDB	SAEDB priorities and progress			Nikki Govan	Donna Griffiths	
Regional Collaboration and working across boundaries	Southern Region opportunities through partnerships/collaboration					
Updates: - Oaklands Smart Precinct Project - Capital Construction program - Grants Attraction Program - Seaview Heights Tennis facilities					Various	

Infrastructure & Strategy Committee		Date: Tuesday, 4 June Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	
Strategic Discussion/Innovation Opportunities – Waste and Recycling	Current challenges and Future opportunities				Alison Byrne Mat Allen Colin Heath	
Guest Speaker	SRWRA Rep				Vincent Mifsud	

Infrastructure & Strategy Committee		Date: Tuesday, 2 July Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	
Use of recycled material in roads					Tony Lines	

Infrastructure & Strategy Committee		Date: Tuesday, 6 August Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	

Strategic Priority – City Property Strategic Asset Management Plan	Progress update on development of Plan				Megan Hayward
Strategic Discussion – Innovation and Entrepreneurship	CoM's focus on Innovation Smart South Consortium (SAEDB) Energy Project (SAEDB) Export Marketing and economic development Workforce of the Future Attraction of business to CoM- eg Climeworks				Abby Dickson/ Fiona Harvey
Guest Speaker (Options- TBC)	Jim Whalley – Chief Entrepreneur John Spoeher - Factory of the Future Mark Fusco -Advanced Manufacturing Robert Dew – Innovation Management				

Infrastructure & Strategy Committee		Date: Tuesday, 3 September Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	
ICT Digital Plan + Transformation project					Vincent Mifsud	
Edwardstown/Melrose Park Employment Precinct					Greg Salmon/Donna Griffiths	
Updates: - Oaklands Smart Precinct Project - Capital Construction Program					Various	

Infrastructure & Strategy Committee		Date: Tuesday, 1 October Time: 6.30pm – 9.30pm				Venue: Chamber
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible	
Strategic Discussion/Innovation Opportunities- Future City Transport/Mobility Planning						
Guest Speaker -TBC	Christian Reynolds Renmark Paringa Council – Autonomous vehicle trial experience					

Infrastructure & Strategy Committee Date: Tuesday, 5 November Time: 6.30pm – 9.30pm Venue: Chamber					
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible
Strategic Priority – City Property Strategic Asset Management Plan	Progress update on development of Plan				Megan Hayward
Updates:					Various

Infrastructure & Strategy Committee Date: Tuesday, 3 December Time: 6.30pm – 9.30pm Venue: Chamber					
Topic	Description	Presentation / Workshop	Duration	External Attendees	Staff Responsible
Strategic Discussion – The value of Data					Fiona Harvey
Guest Speaker (Options- TBC)	Peter Worthington Eyre – Chief Data Officer SA Government Aron Hausler /Matt Salier – NVI Nick Faulkner – Adelaide University				

CONFIDENTIAL ITEMS - Nil

REPORTS FOR DISCUSSION - Nil

REPORTS FOR NOTING - Nil

WORKSHOP / PRESENTATION ITEMS

[Left intentionally blank]

Presentation from SA Power Networks

Originating Officer	Governance Officer - Belinda Murch
Corporate Manager	Manager Corporate Governance - Kate McKenzie
General Manager	General Manager Corporate Services - Vincent Mifsud
Report Reference	ISC190402

Confidential Motion

REPORT OBJECTIVE

South Australian Power Networks has requested to present to Council providing an overview of some of the key changes occurring in the public lighting sphere and clarify current issues.

EXECUTIVE SUMMARY

SA Power Networks currently manages and provides public lighting services for approximately 240,000 public lights - 200,000 are located on our infrastructure and 40,000 are on customer infrastructure (ie. Councils, State Government). The delivery of public lighting services requires the ongoing maintenance, inspection, and operation of these public lighting installations, and the design, procurement and construction of new public lighting installations as requested by public lighting customers.

There are several developments that may be of interest to Councils, including:

- Pricing changes from July 2020 - The Australian Energy Regulator recently determined that public lighting services in South Australia would be classified as "Alternative Control Services" for the 2020-2025 period. This change essentially means the way prices are set will change to be consistent with the way prices are set in other States. The new classification and prices will come into effect on 1 July 2020.
- LGA/SAPN Public Lighting Working Group - a working group has been established to provide a representative group for Councils to work with the LGA and SAPN on public lighting matters. The working group is currently collaborating on pricing outcomes, the transition process and service level standards.
- LED regional rollouts - The transition of the public lighting fleets to LED luminaires. The transition to LED technology delivers significant energy, maintenance and cost benefits. There are multiple options available for Councils to participate in the transition.

Steve Wachtel, Manager Network Assets and Alex Lewis, Stakeholder Engagement Lead, will present on public lighting and outline some of the key changes that will be occurring over the next 18 months.

RECOMMENDATION

1. That the Infrastructure and Strategy Committee notes the presentation.

Future of Lighting

Originating Officer	Smart Cities Project Officer - Georgie Johnson
Corporate Manager	Manager Innovation and Strategy - Fiona Harvey
General Manager	General Manager City Development - Abby Dickson
Report Reference	ISC190402R05

REPORT OBJECTIVE

This report provides background information to assist the Infrastructure and Strategy Committee to participate in a discussion informing the strategic approach for future lighting in public spaces throughout the City of Marion.

EXECUTIVE SUMMARY

The City of Marion maintains public lighting assets throughout the City in spaces such as streets, shared use paths, reserves, ovals and council facilities.

A number of drivers related to public lighting provide a valuable opportunity to review current practices and take a strategic approach to the development of principles, guidelines and an action plan to provide a high quality public lighting service to the community now, and into the future.

The Committee's input is sought into the development of public lighting principles and guidelines.

RECOMMENDATION

That the Infrastructure and Strategy Committee

1. notes the engagement of Ironbark Sustainability to support the development of Lighting Guidelines and a 10 year action plan
2. provides input into the development of the guidelines

DISCUSSION

The City of Marion maintains public lighting assets throughout the City in places such as streets, shared use paths, reserves, ovals, recreation facilities (e.g. skate park) and council facilities.

A number of drivers currently exist that provide a need/opportunity for City of Marion to undertake a strategic review of the provision and management of lighting across the City:

- energy efficiency and climate change mitigation;
- increasing community expectations;
- expansion of technology and innovation opportunities;
- sustainable asset and financial management; and
- changes in tariffs and ownership models across the industry and sector.

The inclusion of a smart lighting pilot project as part of the Oaklands Smart Precinct project provides a further opportunity to review current lighting principles and practices with a view to the future provision of lighting and associated technology across the City.

Community Expectations

The community has expectations in relation to public lighting across a range of areas:

- provision of lights e.g. in their streets or new developments, in the areas and facilities they use;
- public/personal safety e.g. lighting of car parks, particular public places and open spaces;
- supporting walking/cycling, public transport and driving eg ensuring roads are adequately lit for all road users, encouraging passive transport/mobility options; and
- economic and environmental sustainability through provision of fit-for-purpose, energy efficient assets that are well managed over their lifecycle.

A recent review of customer requests through the Customer Events System shows that approx 160 events have been raised over the last calendar year in relation to lighting. While some of those relate to internal processes for the managing of facilities, the Community requests are focused around brightness or replacement of streetlights, installation of lights on shared use paths and at reserve/oval locations.

Community expectations will vary over time, and from person to person. It is important that a consistent set of principles is adopted to address community expectations and that those principles then form guidelines and the delivery of on-ground actions.

Smart Lighting

Public lighting infrastructure has the potential to be both enhanced by smart city technology, and play a key role in providing an infrastructure platform to support broader smart city initiatives.

Smart lighting technology can provide additional benefits to public lighting in areas such as remote switching, dimming and fault reporting. The benefits of implementing these technology elements include maximising energy savings and financial efficiencies, and targeting lighting controls to meet customer expectations, as listed above. Use of technology provides flexibility in the way in which lighting assets can be used, and in turn the provision of services and community outcomes can be optimised. Technology also supports the collection of data for monitoring and fault reporting, resulting in customer benefits.

Given the spread of lighting infrastructure across the City, this provides a valuable network of poles to support smart city infrastructure. This could range from using existing poles to mount smart sensors, telecommunications infrastructure etc. through to upgrading some standard light poles to 'smart poles' which have the ability to provide many services such as lights, CCTV, people counters, air quality monitors, parking management, electric vehicle charging all in one consolidated asset. Smart poles may also include features that contribute the aesthetic of the public space such as interactive art, audio art forms and coloured lighting 'displays'.

The pilot project at Oaklands Smart Precinct will provide an opportunity to install some of this technology at a precinct level to test the benefits and community feedback.

Lighting Principles, Guidelines and Action Plan

The drivers and opportunities discussed above have resulted in a complex environment for considering provision and management of public lighting. To address this, City of Marion has engaged *Ironbark Sustainability* to develop Lighting Guidelines and a 10 year action plan.

The Lighting Guidelines will consolidate standards and current practices, ensuring the opportunity for including smart technologies to enable greater efficiencies in lighting and energy conservation. The guidelines will provide a consistent approach to the provision and management of lighting, taking into consider customer expectations and the changing nature of the industry

The action plan will enable prioritisation of the roll out and management of lighting, including smart lighting across the City as funding is available.

Committee discussion

Input from the Committee into the Lighting Guidelines will be sought for a range of elements, including:

- opportunities for dimming and shaping of lights, which would provide potential energy efficiency and

cost savings;

- opportunities to improve public safety;
- opportunities to improve use of facilities, open spaces and places; and
- opportunities to install smart lighting technology.

OTHER BUSINESS - Nil**MEETING CLOSURE**

The meeting shall conclude on or before 9.30pm unless there is a specific motion adopted at the meeting to continue beyond that time.