

**OFFICERS' ADVICE****SMART CITY OPPORTUNITIES**

Submitting Councillor: Crs Pang Tsoi and Fergeus

**MOTION**

*That Council:*

1. *Notes that the Commonwealth and Victoria Government signed a Memorandum of Understanding as identified in the 17 January 2018 Prime Minister's media release which states that:  
  
"City Deals in Victoria are a step closer following a Memorandum of Understanding being signed between the Commonwealth and Victorian Governments.  
  
The agreement paves the way to establish Victoria's first City Deal in Geelong, which will involve all three levels of government working with the private sector as part of the Commonwealth's Smart Cities Plan to grow jobs and boost investment."*
2. *Notes that a Smart Cities Plan was launched by the Federal Government in 29 April 2016.*
3. *Provides in principle agreement to explore opportunities for funding from both Federal and State Governments in seeking and exploring opportunities for bringing Smart City plans and ideas to City of Monash,*
4. *Supports officers to continue to look at grant opportunities in upcoming Smart City rounds and determine the date for the next round of funding.*

**BUDGET IMPLICATIONS**

Smart City technologies are likely to have a higher upfront capital expense than the traditional methods. The majority of the Smart City initiatives will be more financially viable over the duration of the asset while providing a higher level of service to the public.

**IMPACT ON INTERNAL RESOURCES**

Utilisation of Smart City technologies will improve efficiencies on certain services delivered by the organisation; however, the increased service levels to the community will result in higher service level expectations. At this stage, we are investigating opportunities and the impact of these technologies, it is difficult to predict the impact.

Any Smart City initiatives would benefit from being reviewed by a multi-disciplinary team that will enable a holistic view of the opportunities and challenges.

**COUNCIL PLAN AND COUNCIL POLICIES**

The Smart City initiatives relate to Council's strategic objectives for "A Liveable and Sustainable City" and "Responsive and Efficient Services".

Council's Integrated Transport Strategy, adopted in February 2017, acknowledges the potential benefits and opportunities of current and emerging transport technologies, such as autonomous vehicles and on demand public transport services.

**RELEVANCE TO WORK ALREADY UNDERTAKEN BY OFFICERS OR COMMITTEES**

The City of Monash has collaborated with Monash University to design, develop and build a smart connected precinct in Oakleigh themed “i-Sense Oakleigh: The Smart Connected Precinct”.

“i-Sense Oakleigh: The Smart Connected Precinct” project aims to design and build a smart connected precinct that enables the collection of big data and the development of applications and services to improve user experiences, liveability and sustainability. The project will work closely with end users to design, prototype, trial and refine a range of connected, “smart precinct” solutions to enhance the citizen well-being, local businesses and council services. These will start with smart traffic and parking monitoring and management, and flow onto other services such as smart street lighting, on-demand mobility and a suitable ecosystem for future connected and autonomous vehicles.

Council has applied for federal funding through Department of Industry, Innovation and Science’s “Smart Cities and Suburbs Program Round 2” to enable this project.

Council has nominally identified \$965,000 in the budget for Atherton Road, Oakleigh Reconstruction Project for works that enable the use of smart technologies. Monash University, in addition to providing the technical expertise, has committed \$70,000 cash funding for the project, subject to the grant application being successful. The table below is breakdown of the funding:

Monash Council Contribution	\$965,000
Monash University Cash Contribution	\$70,000
Total Government Grant Request	\$700,000
Total Project Budget	\$1,735,000
Government Grant Percentage	40.35%

The Government will announce the successful applicants in mid-November 2018.

**FURTHER CONSIDERATIONS**

Any Smart City initiatives would benefit from being reviewed by a multi-disciplinary team that will enable a holistic view of the opportunities and challenges. This team would typically comprise of representatives from the following departments:

- Engineering
- Strategic Asset Management
- Business Technology
- Economic Development and
- Urban Design