



City of Ryde

Lifestyle and opportunity
@ your doorstep



Macquarie Park Forum

20 February 2020

Agenda

Welcome / endorsement of previous minutes
Macquarie Central - John Holland
Macquarie Park Transport Access Plan
Venture Café Update
Smart Cities – City of Ryde
Macquarie Park Special Levy Projects
(2019-20)
Macquarie Park Car Parking Strategy
Macquarie Park Marketing Plan Update
General Business

Macquarie Square

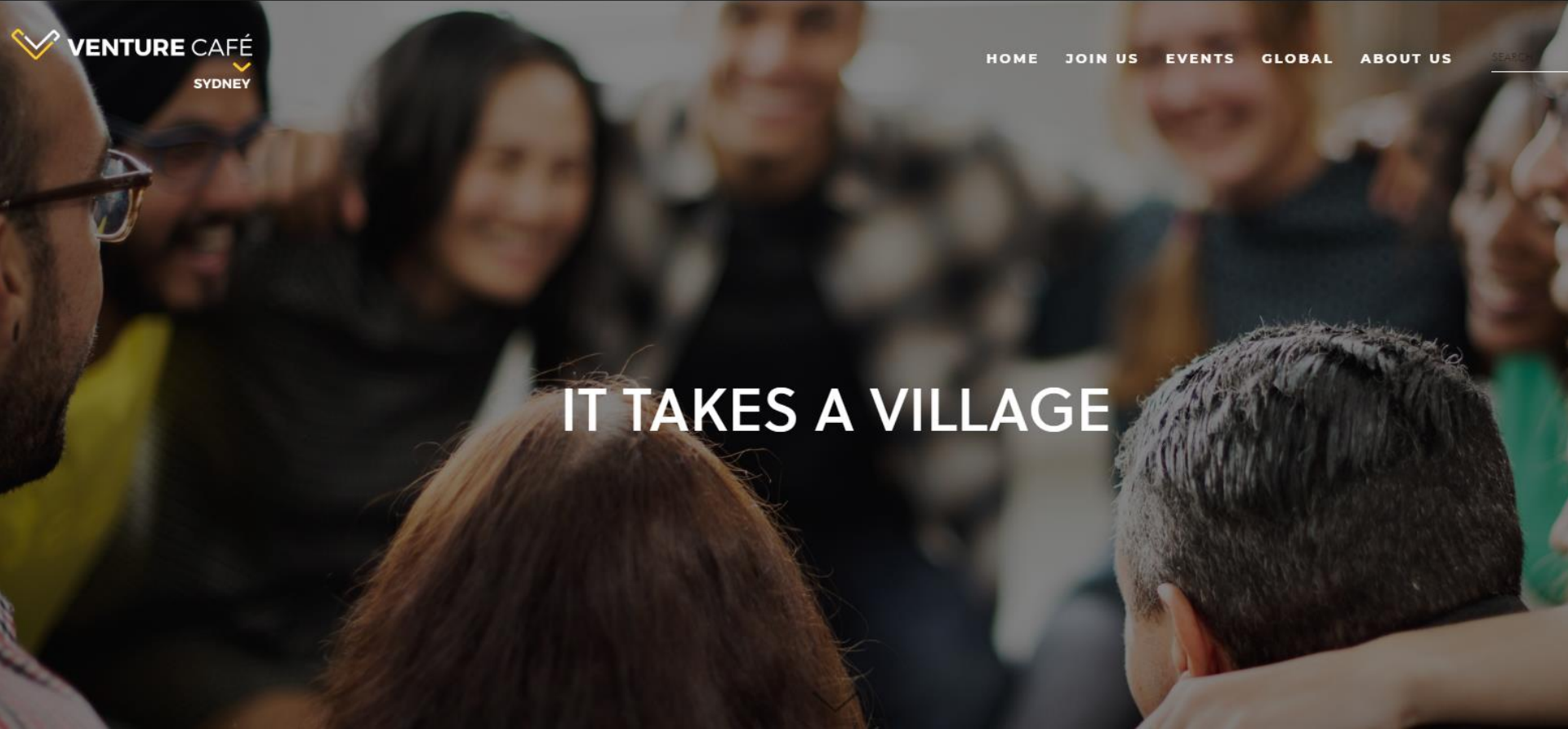


Transport Access Plan



Venture Cafe

HELLO@VENTURECAFESYDNEY.ORG - JOIN US EVERY THURSDAY TO FIND OUT WHAT'S ITS ALL ABOUT - +61 2 9850 4041



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IT TAKES A VILLAGE



Smart Cities



City of Ryde - Smarter City 2020



Smarter City 2020 Working Group composition, and Steering Committee members

Technology Providers and Industry

Eg: Cisco, Optus, CSIRO, Fujitsu, 2 x Tech Start-Ups.



Councillors

Eg: Mayor, Chair of the EDAC, Cross-Party representation.



University & Research Institutions

Eg: Macquarie University, The Northern Sydney Institute of TAFE.



Community Representatives

Eg: Riverside Business Chamber, Youth, Seniors, Disability, Multicultural groups.

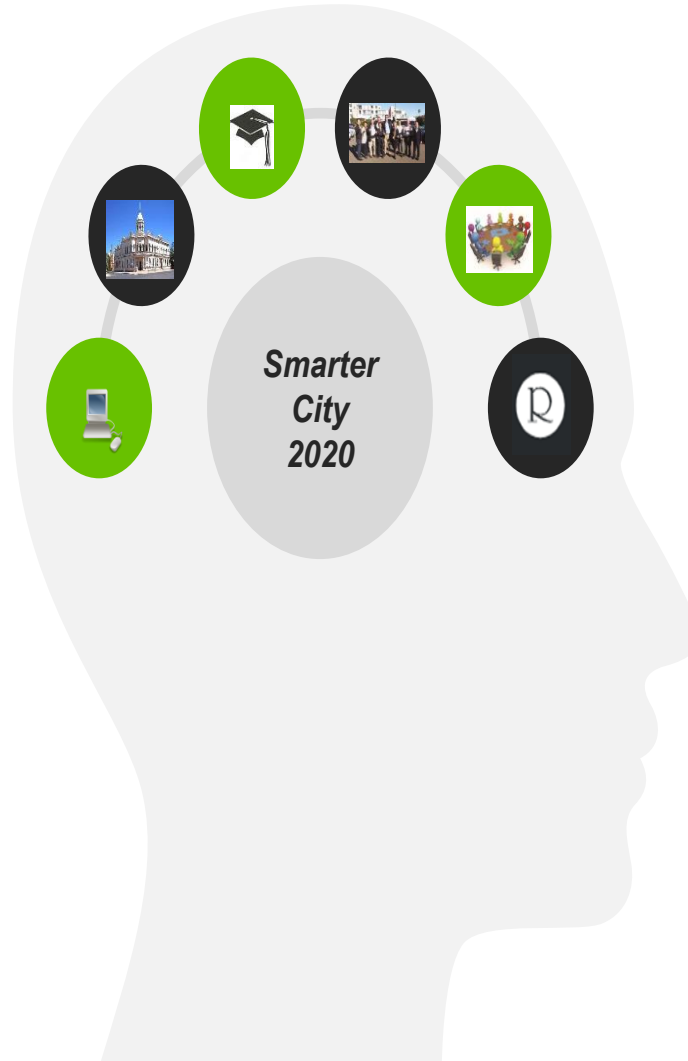


Project Steering Committee

EM of Strategy and Innovation, plus one selected Manager from each of Council's directorates.



City of Ryde Executive



Strategy

Key Governance items

Engagement Outcomes

A succinct engagement outcomes chapter will be prepared to describe the communications and engagement processes and provide an analysis of the issues raised, and the recommendations through all streams.

This information will act as a bridge between the various stages of the engagement process and will form a key part of the report back process for any future reviews of the Strategy.

The chapter will demonstrate that the input provided by stakeholders has been heard and has been taken into account in the drafting of the final Strategy and, ultimately,



Smarter City 2020 will enable the City of Ryde to deliver better services to their community and stakeholders through collaboration and embracing the benefits of technology for infrastructure and public services.

It will position Council strongly to be competitive in securing funding from the NSW and Commonwealth governments, who will continue to increase the quantum of funding and investment for Smart City initiatives, and other opportunities that will exist through the sharing of information, regulatory changes, and investment from private investors.

In the near future, as part of the finalisation of their Community Strategic Plans and delivery program process, Councils will be encouraged to prepare and include a Smart City/Digital and Innovation Strategy as part of their Plans. This will also include a commitment to provide data to a proposed web-based information sharing platform, or at least provide a report on standard data sets.

The NSW government is also considering the establishment of a 'go to' "Smart Cities" office in the NSW bureaucracy, housed by either Infrastructure NSW or the Department of Premier and Cabinet: a central point of contact for Councils and Federal government agencies, the private sector, academia, and industry to collaborate and share data on a common platform, provide assistance on pilot programs, and in applying for grants. Overall accountability for Government will rest with the Department of Planning.

Councils need resources for smart cities strategy development, as credible investable projects cannot exist without that work. Councils need funding from the State government regarding the 'ideation' stage of smart cities. This would provide a great complementary investment program alongside the Federal Smart Cities investment, as the latter is looking for deliverable projects which the former investment program could help councils develop. Council's Smart City Strategy will place them in good stead to access funding from a mooted NSW Smart City 'research and development' funding stream for local government.

Key focus areas for consultation and engagement:

- Economic development
- Equity considerations and Social inclusion
- Liveability
- Environmental sustainability
- Data governance
- Mobility; Personalised transport solutions
- Education and Health



In past research, focus areas usually perceived as a greater priority overall by the wider community are **education and health**, and **liveability**. Surprisingly, **economic development** and **equity considerations/social inclusion, even though important**, are usually deemed lower priorities by the community.

Participants in Smart Cities processes are usually interested in technologies that:

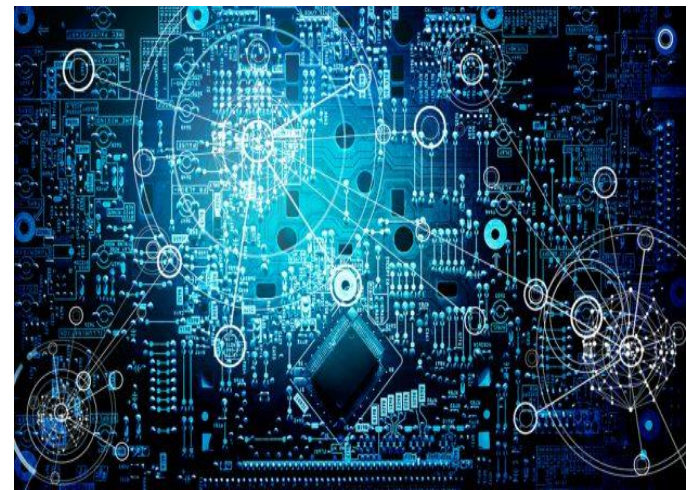
- Help people communicate (e.g. video lectures in schools, remote medical consultations)
- Connect people to services (e.g. centralised patient information, smart internet-connected public kiosks)
- Enable more informed decision-making (e.g. self-monitoring health equipment, gathering data to support local planning)
- Reduce resource use (e.g. smart street-lights, sensors for building maintenance)
- Support safer and cleaner environments (e.g. recycling incentive technologies, road accident notification software, improved surveillance technologies)
- Streamline and improve end-user experiences (e.g. navigation software, sensors on-board public transport vehicles). and Help businesses grow (e.g. faster cash transfers)

Issues of concern about technologies generally include privacy issues, security risks, overexposure to information, fear of new technology and the need for adequate supporting infrastructure (i.e. reliable, fast and affordable internet access). The wider community generally want control over and oversight of their information, secure storage, protection against cybersecurity, improved search functions for navigating information, and education on how to use technologies.



Key areas of focus across the working groups will be:

- Data
- Funding and financing
- Standards and Regulation
- Customer experience
- Procurement
- Web-based information-sharing portal
- Opportunities and Challenges



Examples of Pilot Initiatives that could arise from the Ideation Session or consultation and engagement process include:

Done before...

- Smart Commuter Parking
- Smart cycle ways
- Waste bin RFID chips

More innovative...

- Combined BIM and IoT strategy for a Smart Precinct
- Precinct Digital Engineering Discovery
- Next Gen Planning Gateway
- Augmented Reality 3D City Model of Future Developments
- Collaborative Fibre Asset Mapping and Pilot Shared Access Framework
- 5G Gigabit City Business Broadband
- Networked wearable and medical devices
- Networked NSW air quality sensing
- Sensing animals
- Local Government Data Sharing Platform
- Cool Places: Urban Oasis
- Empathy Engine
- Regional Digital Micro Cells Connectivity
- Robotic Supported City (Autonomous Vehicles and Local Government)





Key elements of *Smarter City 2020*:

- **Community-focused** – making an area ‘smarter’ is all about improving the quality of life for people, and responding to the problems and opportunities that matter most to people
- **Data-driven** – data is the fuel for a Smart City, and access to data, consistent with privacy requirements is critical to identifying problems and opportunities that a smart place can address
- **Technology-enabled** – a smart strategy looks at ways to harness technology to improve the performance of the city and drive economic activity
- **Governance** – putting in place a strong governance and management is critical to the success of Smart City approaches
- **Iterative implementation programs and roadmaps** – the timing, phasing and prioritisation of initiatives is critical, and the approach needs to be scalable and flexible.

Macquarie Park Special Levy Projects 2019-20

- Footpath upgrade Giffnock Ave (southern side)
- Funding support for 'Connect' and 'Venture Café'
- Funding to implement the Macquarie Park Marketing Plan
- Support 'Place Making' activation in Macquarie Park ...Wilga Park community event – Music, Food, Drink and Entertainment (29 November)
- Continue the Embellishment Planting Program

Sunset at Wilga



City of Ryde

SUN SET **SOUNDS** *at Wilga Park*

Live music.
Garden bar.
Food trucks.

4pm - 8pm

FRIDAY

29 NOVEMBER

ryde.rocks/wilga

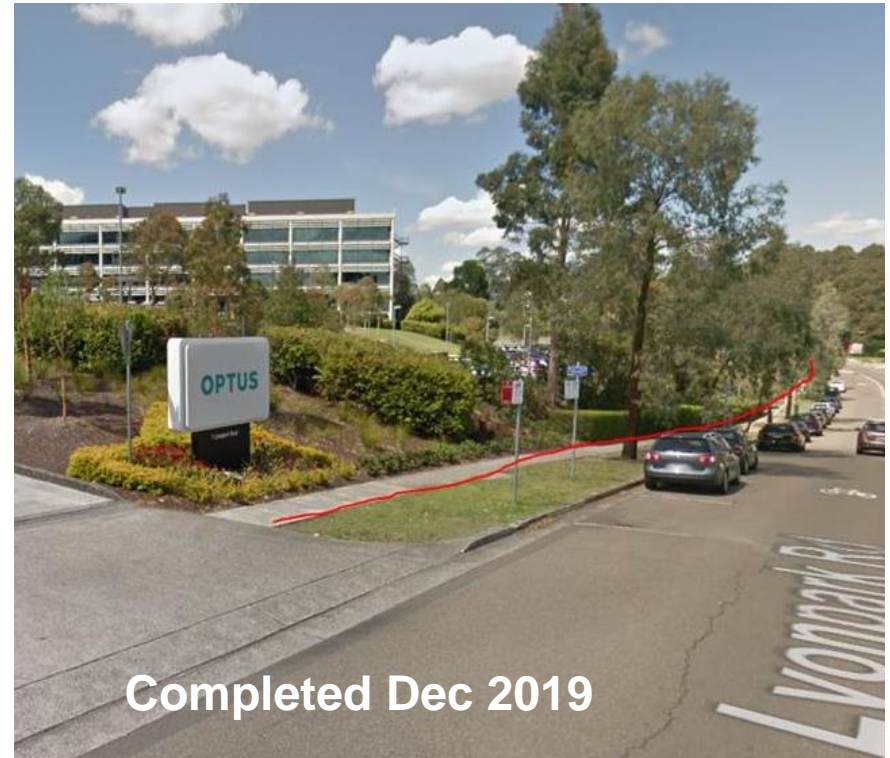


Starting Construction in March 2020

Hypothecated Fund Projects

- Footpath upgrade along Lyonpark Road
- More bike racks to support commuting the last km (including Santa Rosa Park)
- Behavioural change research project (delivered by Connect)

Hypothecated Projects





© City of Ryde

Car parking in Macquarie Park

Macquarie Park Key Facts

Resident population	2020	13,500
Projected resident population	2036	32,000 (up 137%)
Student population	2020	40,000
Projected student population	2036	55,000 (up 37.5%)
Jobs	2020	60,000
Projected jobs	2036	79,000 (up 31.7%)
Commercial office space	2020	1,000,000 m2
Projected commercial office space	2036	1,250,000 m2 (up 25%)

Macquarie Park Congestion Targets

- **North District Plan (NDP)** – aims to create a more sustainable transport system across Sydney’s North District, including the strategic centre of Macquarie Park.
- **Council’s Integrated Transport Strategy (ITS) 2016** – modal shift target

Macquarie Park Congestion Targets

Modal Split Private vehicle/public and active transport

Current

ABS Census 2016

72/28

Target

North District Plan
Integrated Transport Strategy

60/40

Car parking fee comparison

as at Feb 2020

Council	Year 19/20 Hourly Rate
Sydney City	\$5.20-\$7.40
North Sydney	\$5.90-\$7.80
Willoughby (Chatswood)	\$6.40
Olympic Park	\$6.00
Parramatta	\$4.00
Macquarie Park	\$3.50
Macquarie Centre	\$6.00

Recent History of Parking Fees

2016-17	car parking fees increased from \$2.50 p/hr to \$3.00 p/hr (while maintaining the cap)
2017-18	all day cap removed/ car parking fees remain \$3.00 p/hr
2018-19	car parking increased from \$3.00 p/hr to \$3.50 p/hr
2019-20	car parking fees remain \$3.50 p/hr
2020-21	proposed car parking fees increase from \$3.50 p/hr to \$4.00 p/hr

Marketing Plan 2020



Promotional Campaigns

Macquarie Park



Macquarie Park after Dark



General Business

Council can provide child minding facilities at its North Ryde Office for members of the Committee ...

Next Meeting

Ryde Council, North Ryde Office 7 May 2020