



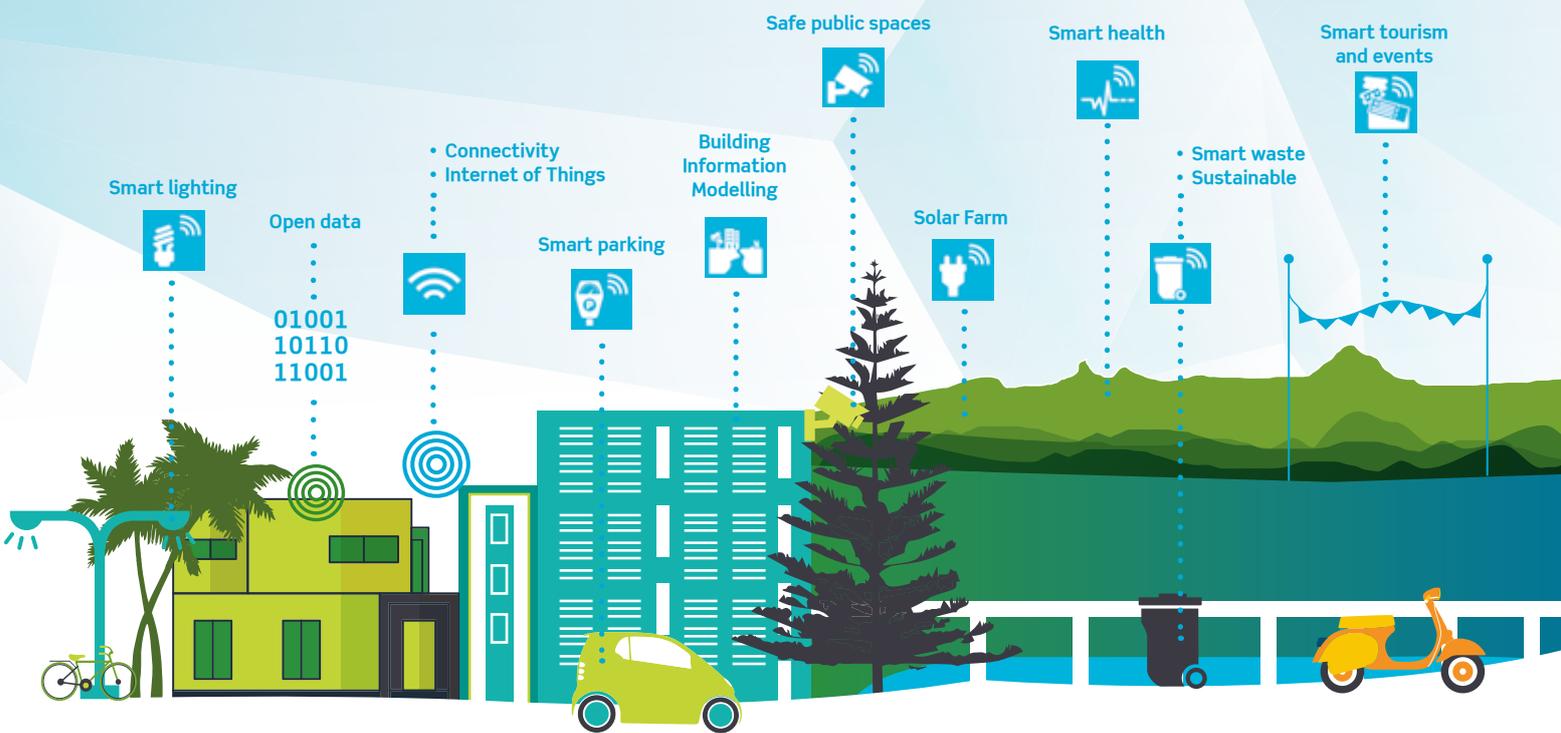
**AN INTERNATIONAL
SMART 21 CITY
FOR 2017**

A SMARTER SUNSHINE COAST

Smart City technologies build a stronger economy and a safer community, and improve service delivery to our residents, businesses and visitors.

The Smart City Program enables Sunshine Coast Council to use technology to deliver services more efficiently and improve the lifestyle of residents while realising our vision to be Australia's most sustainable region – healthy, smart, creative.

On 8 December 2016, Sunshine Coast Council adopted the Smart City Implementation Program (SCIP) to guide the deployment of Smart City solutions in a staged manner across the region. By using information and communications technology to connect people, processes, data and things we are able to improve quality of life, stimulate economic growth and ensure environmental sustainability throughout our region.



What is a Smart City?

A Smart City is one where there is effective integration of physical, digital and human systems in the built environment to deliver a sustainable, prosperous and inclusive future for its citizens.

The smartness of a city is therefore not about technology but rather about how well technology is used in an integrated way to help the city function more effectively and sustainably.

Areas of focus

The Sunshine Coast's Smart City Implementation Program includes six areas of focus:



Smart Waste



Smart Parking



Smart Tourism and Major Events



Smart Transport



Smart Business Intelligence



Smart WiFi

Smart City benefits

Creating a Smart City has many benefits for ratepayers and the environment including:

- reduced carbon emissions, traffic congestion and consumption of resources
- improved standard of services and quality of lifestyle for residents
- reduced costs of service delivery for council
- increased safety
- improved council work-flow and processes
- data driven design and planning
- attracting and retaining investment and increasing local business competitiveness
- building strong partnerships between businesses and the community.

SCC App

Download council's free app from Google Play or Apple stores to access the award winning Disaster Hub for real-time information about storms and road closures. The app also provides a wide range of information about local events and allows residents to submit a service request to council, such as pot hole repairs and fallen trees.



Visit the Smart Centre and Living Lab

63 Bulcock Street, Caloundra

Council's Smart Centre and Living Lab showcases examples of Smart City technology at work. Technologies currently being tested range from parking apps and free high speed public WiFi to transport information and environmental water

sensors, all providing data in real-time.

The Smart Centre is open Monday to Friday from 12pm–4pm or you can contact smartcity@sunshinecoast.qld.gov.au to book a visit. School and corporate bookings are available.



Australia's first Smart Street!

In 2017, Bulcock Street Caloundra will be Australia's first Smart City urban streetscape demonstration and testing facility.

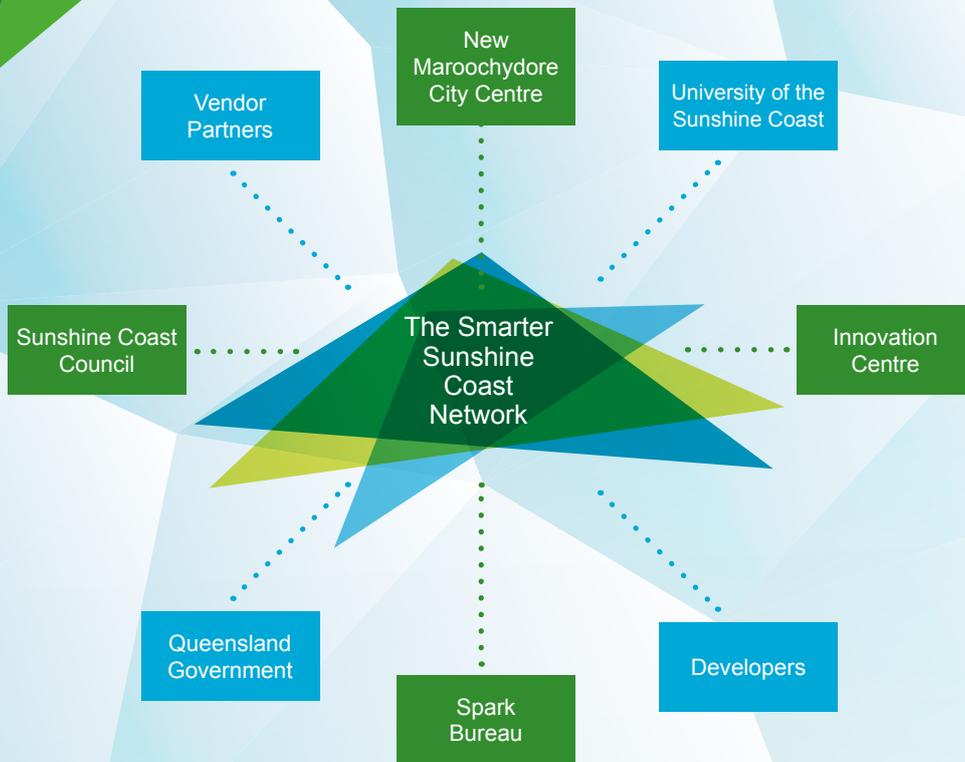
What does this mean?

A range of smart technologies including smart street lighting, waste and parking sensors will be installed as part of council's streetscaping projects at various locations across the Sunshine Coast. Prior to permanent installation, council integrates these trial technologies into the infrastructure on the testing and demonstration street so that they can be tested in a realistic setting, exposed to the elements and on-show for the community to see and experience first-hand. Smart street features include:

- free public WiFi access points which collect data and allow council to understand how public spaces are used to inform future design and planning

- multi-function poles which house the smart city communications and electrical requirements
- council owned and controlled optic fibre network protected through a Telecommunications Carrier Licence
- LED lighting using smart controls and other systems
- bin sensors to measure waste levels and provide data to council for more cost effective waste management services
- the ability to control various components on the street remotely via smart phone or tablet.





1st Bulcock Street will be the first urban streetscape demonstration and testing street in the Southern Hemisphere

100% Australia's first local government to offset 100% of its electricity consumption from clean energy (Sunshine Coast Solar Farm at Valdora)

200 WiFi access points by late 2017

1st council in Australia to have its own Telecommunications Carrier Licence

72% of local businesses have implemented or considered implementing Smart City technologies including sensors, real time data collection and integrated technology solutions

Top 21 Sunshine Coast voted in the top 21 Smart Cities globally from over 400 submissions

2.4% Sunshine Coast population forecast to grow 2.4% each year

2018 Delivery of Australia's first CBD-wide underground automated waste collection system in the Maroochydore City Centre

24 billion IoT devices forecast to be connected to the internet by 2020*

Source: Business Insider, 29 August, 2016

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Tell me more!

Visit www.sunshinecoast.qld.gov.au/smartcities for further details about the Sunshine Coast's Smart City Implementation Plan, specific project information, technology updates and for updates on what council

is doing to make the region smarter. Share your own innovative ideas via council's website or on social media using #SmarterSunshineCoast.

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