

# Smart City Projects and Initiatives



The City of Casey Smart City team have implemented various projects since the Smart City Strategy was endorsed in 2017. Further information on the Smart City Journey can be found on Council website, link [here](#).

## Project initiatives:

<b>Project name</b>	<b>Smart Connected Street Furniture</b>
Location	Aboriginal Gathering Place, Doveton
Challenge	The local community accessing the centre has limited access to public or private internet.
Smart City solution	Smart Connected Street Furniture was installed at a public park located adjacent to the Aboriginal Gathering Place. The smart connected bench provides free public Wi-Fi, charging stations and seating to those using the space.
<b>Project name</b>	<b>Facilities space utilisation – sensors and data</b>
Location	Bunjil Place, Casey Race, Casey Arc
Challenge	Community facilities not being used to their full potential and a lack of data to understand how buildings are being utilised across the municipality.
Smart City solution	Software and sensors are placed in the above facilities to monitor usage and number of visitors to help improve and enhance facility space and resources, providing further insights for peak times and where staff resources can be best placed.
<b>Project name</b>	<b>Casey Fields BMX Track and artificial intelligence</b>
Location	Casey Fields, BMX Track
Challenge	Casey Fields BMX track being damaged by illegal motorbike use, which causes excessive repair costs.
Smart City solution	Artificial intelligence and video data analysis is used to better understand when illegal activities are occurring to help Council Officers prevent damage.
<b>Project name</b>	<b>Solar barbeque</b>
Location	Berwick Springs
Challenge	Park recreational facilities being under utilised due to maintenance response times and accessibility.
Smart City solution	The solar barbeque provides insights into its usage and informs Council when it requires cleaning or repairs. The initiative allows prompt responses to

	maintenance, increases sustainability due to the solar functions, and allows frequent use of the barbeque.
<b>Project name</b>	<b>Smart Bins and litter sensors</b>
Location	Various locations across the municipality
Challenge	Limited understanding of public waste bin usage and collection of waste not at full bin capacity at routine collection dates.
Smart City solution	Smart bin sensors that collate data from sensors and notify Council when it needs emptying, which also provides a cost-effective efficient service that improves collection schedules.
<b>Project name</b>	<b>Sustainable Facility Infrastructure</b>
Location	Various locations
Challenge	A fast-growing municipality which requires new facilities that have associated ongoing operational costs.
Smart City solution	The development of facilities and services that draw on sustainable and renewable energy sources and technology to operate them, along with technology for the community to interact with, such as those in Selandra Community Hub and Bunjil Place.
<b>Project name</b>	<b>Smart Parking</b>
Location	Bunjil Place
Challenge	Finding parking in busy community spaces such as Casey's Central Business District near Fountain Gate and Bunjil Place.
Smart City solution	Smart Parking sensors has been installed at Bunjil Place and Casey Arc car parks, which provides real-time information about parking availability, making it easier and quicker to find an available car park.
<b>Project name</b>	<b>Solar Lighting</b>
Location	Various locations - parks and recreational areas
Challenge	Lights in park and recreational areas are constantly on, which has high energy consumption and impacting the environment.
Smart City solution	To align with Council Sustainability goals, solar lighting is being implemented across various parks and recreation areas. The solar lighting initiative will automatically detect movement and turn on, once there is no movement of people in the area, the lights will dim. This will allow efficient use of the lights, reduce energy consumption and generate power via solar panels.

#### Contact City of Casey

03 9705 5200

TIS: 131 450

NRS (for the deaf, hearing or speech impaired):

Visit [internet-relay.nrs.call.gov.au](http://internet-relay.nrs.call.gov.au)

 [facebook.com/CityOfCasey](https://facebook.com/CityOfCasey)

 [@CityOfCasey](https://twitter.com/CityOfCasey)

 [linkedin.com/company/city-of-casey](https://linkedin.com/company/city-of-casey)

 [@CityofCaseyCouncil](https://www.instagram.com/CityofCaseyCouncil)

PO Box 1000  
Narre Warren VIC 3805

**Narre Warren**  
Bunjil Place  
2 Patrick Northeast Drive

**casey.vic.gov.au**  
[caseycc@casey.vic.gov.au](mailto:caseycc@casey.vic.gov.au)

**Cranbourne**  
Cranbourne Park Shopping Centre  
125 South Gippsland Highway