



## Automated Waste Collection System Station, Maroochydore

Kane was engaged by Sunshine Coast Council under a Design and Construct contract to deliver Australia's first high-tech underground Automated Waste Collection System (AWCS) within the new Maroochydore City Centre.

The system transports waste from public inlets across the precinct through 6.5 kilometres of underground steel vacuum pipes, moving at speeds of up to 70km/h to a central collection facility. The technology improves recycling outcomes and reduces truck movements, congestion and noise within the city centre.

The purpose-built facility houses specialised plant across two levels, along with dedicated staff amenities. Acoustic performance was a key design focus, with tilt panel construction adopted to achieve noise targets and streamline delivery. The site was also future-proofed with strategic service provisions to support surrounding development.

As one of the first completed buildings in the new city centre, the AWCS plays a critical role in supporting the precinct's long-term commercial and residential growth.

Kane Constructions Pty Ltd  
[kane.com.au](http://kane.com.au)

### Client

Sunshine Coast Council

### Consultants

Advisory Services (QLD)  
Hames Sharley  
Calibre Group

### Location

Queensland

### Value

\$10M

### Awards

2021 Master Builders Queensland Excellence in Construction for Community Service Facilities