

KAPUNDA's AWARD-WINNING SMART TOWN

Kapunda's Town Square development, completed in 2019, has won three awards to celebrate its success, which is a credit to the community, Ngadjuri Traditional Owners, businesses and Council who all contributed to deliver the project:

- Mainstreet SA Award for Public Space and Streetscape Design, which recognises street design and development work that enriches public spaces to create a cohesive and inviting main street, laneway, town centre or precinct.
- Mainstreet SA Award for Best Regional Mainstreet – equal winner with Uraidla.
- Planning Institute of Australia SA, Award for Best Planning Ideas (Small Project).

Following completion of the Town Square, Kapunda's Main Street precinct has now been transformed into a "Smart Town". A Free Public WiFi service "Kapunda Free WiFi" is provided and covers the entire Main Street, Town Square and Hill Street areas up to the Kapunda Museum.



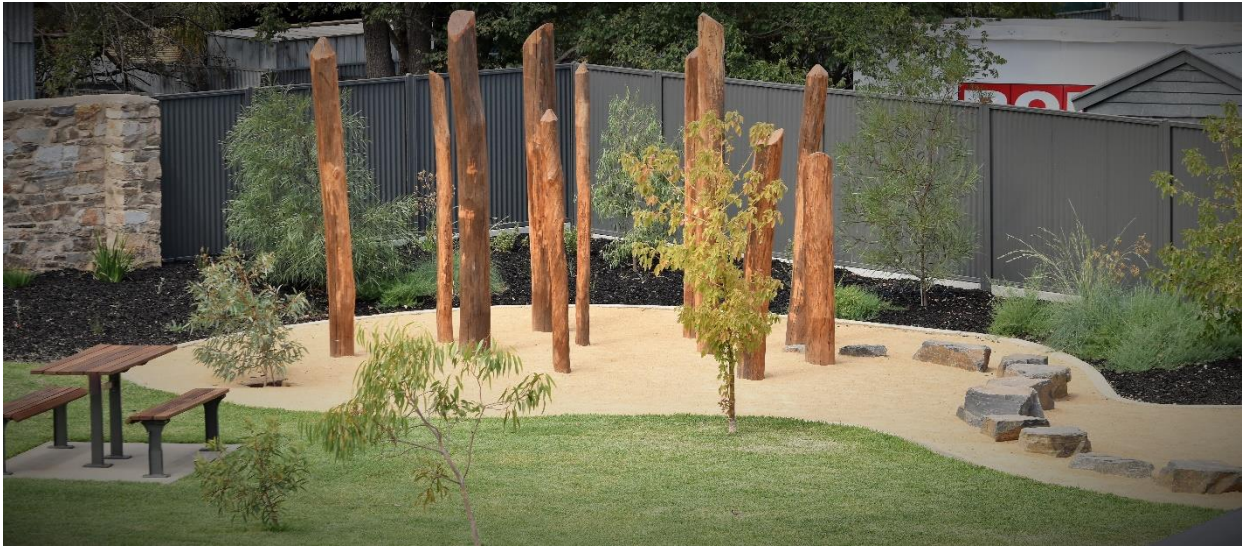
Approx. extent of the Kapunda Free WiFi Precinct

Be sure to check it out next time you're in this area, where you can also sit and recharge smartphone devices whilst surfing the internet or checking your socials for free.



Town Square Phone Charger

The WiFi network has enabled the irrigation system in the Town Square to be managed and monitored remotely, utilising predictive weather capabilities to increase, reduce or cease irrigation based on changing weather conditions. This ensures that the right amount of water is applied to keep the area green, without wasting water and also saving money throughout the year.



Part of the Kapunda Town Square co-designed with Ngadjuri Traditional Owners

The most recent smart technology to be added is a LoRaWAN Gateway, which enables a publically accessible low power, wide area network for connecting Internet of Things (IoT) devices. The beauty of this network is that it allows the Council or the public to deploy a range of sensors to capture data and better manage services through informed and evidence-based decision making.



LoRaWAN antenna being installed at Main Council office at Kapunda by Damacon Services Pty Ltd

Council's first use of the LoRaWAN gateway will be to collect on-street parking data in the Main Street over a 12-month period. With the opening of the new Foodland supermarket, parking behaviours are expected to change and this technology will help analyse peak times and precincts where on-street parking could be better managed. The project may

also identify under-utilised parking spaces that could be converted to caravan/RV/trailer parking spaces to encourage growth in the visitor economy.



The LoRaWAN Turbo Parking Sensor that will be used to detect vehicle presence

Mayor Bill O'Brien commented "Light Regional Council is excited to be entering the "Smart Cities" realm through these initiatives in Kapunda, with a view to learning how other towns and rural areas might be best served in the future. Council is also exploring how the use and availability of this technology and data could support better engagement and learning with our community, businesses, and research partners.

Ends

For further information please contact Ms Stacie Dickson, Economic Development Officer on 8525 3200 or EconomicDevelopment@light.sa.gov.au