

What is the purpose of the program?

To provide the City of Joondalup with increased leafy canopy cover through street tree planting in order to mitigate the environmental impact of climate change and rapid urban growth.

Why is the City planting street trees?

Street trees are an important natural asset which helps maintain liveable urban environments and provide a wide range of environmental, aesthetic, economic and social benefits to the community. Increasing canopy cover throughout the City will create cooler, inviting green urban spaces that will improve the comfort of pedestrian movement and reduce the 'urban heat island' effect generated by existing hardstand surfaces.

How have the street trees been selected?

An assessment was undertaken to investigate the existing site conditions, such as, existing soil and weather conditions, existing infrastructure and services, water availability and existing trees in the area to inform tree species selection for the suburb. These investigations and appropriate tree species selection for the suburb will ensure the healthy development and longevity of the City's leafy canopy.

What are the benefits of planting trees in our suburban streetscapes?

Some of the benefits of street trees include:

- Reducing ambient air temperature
- Cleaning air by absorbing polluting gases
- Improving visual street amenity
- Creating safer walking environments
- Reducing cooling energy consumption costs
- Saving water through reduced evaporation rates
- Improving mental health and well being

How have project sites been selected?

In February 2016, canopy cover and land surface temperature data was independently captured and used to prioritise project sites which were identified as 'hot spots'.

To view the canopy cover and land surface temperature maps, please visit the City's website.

What works are currently being proposed?

New trees will be planted on the verges across the City to increase leafy canopy cover through street tree planting. Tree species have been selected based on information and recommendations presented by the City's arborist.

Street treatments will depend on road classifications as detailed below.

Local Distributor Roads: A dominant species for the verge will be selected to create a consistent tree lined boulevard aesthetic. The City will inform residents of the street tree chosen to be planted within the verge.

Local Access Roads: A dominant species for the verge will be recommended. However, residents will be provided with one alternative choice if the dominant species is not preferred. Areas with powerlines will be allocated a specific tree species to ensure compliance with Western Power requirements.

When will the works take place?

The planting of street trees will occur during the winter planting months of May to September.

The project sites for 2019 are:

Selected streets in Heathridge and Woodvale.
Works will occur between April – June 2019.

Selected streets in Kingsley and Greenwood.
Works will occur between May – August 2019.

Approximately one week prior to the installation date, the proposed location of the tree will be marked on-site.

How will this project be funded?

The Leafy City Program forms part of the Capital Works Program.

Who will be responsible for maintaining the street tree?

The City is responsible for maintaining street trees. To ensure the best chance of establishment, trees are planted in the wetter, cooler months, the City will also provide establishment support, including watering, formative pruning, weeding and fertilising over the first two summers. If you are concerned about the health of your street tree contact the Infrastructure Services Customer Relations Team on **1300 369 972**.

How can I help care for my street tree?

To ensure your tree grows healthy and strong you can provide an additional deep weekly watering during the summer months to reduce heat stress and ensure water is reaching its roots. Also keep the tree trunk free of weeds and grass to reduce moisture loss and competition.

What happens to my existing landscaping/ paving/synthetic turf?

Residents will be informed of the tree planting four weeks prior to works commencing. Approximately one week prior to the installation date, the proposed location of the tree will be marked on site. This will give residents the opportunity to remove any plants they would like to keep.

- On planted verges, turf and plants will be removed to allow for a 1.2m x 1.2m tree planting area.
- On hard-stand verges, paving/synthetic turf will be cut to form a 2m x 2m square tree planting area.

Can I request an alternate planting location?

Appropriate tree planting locations have been identified based on:

- Underground service locations;
- Traffic sightlines;
- Tree offsets to the footpath/property boundary/kerb;
- Pedestrian thoroughfare; and
- The overall alignment of trees to be planted in the street.

Any proposed variation to the tree planting location will need to be in line with the above considerations.

What if I don't want a tree?

The trees will not be planted on private property. All trees will be planted on the verge which is part of the road reserve. The tree will therefore be located on Crown Land as a City asset.

Who do I contact for more information on the project?

For further information please contact Infrastructure Services Customer Relations Team on **1300 369 972** or **info@joondalup.wa.gov.au**