



Information Sheet

Asset Services Information Sheet 26

Street Tree Benefits

Introduction

A thriving urban forest supports sustainable growth in population, property and our environment and therefore the health and lifestyles of the Town's diverse community. The retention and enhancement of green infrastructure will not only add to the urban liveability for current generations, it sets the precursor for healthy communities for the future.

Benefits

- Cleaner Air - trees provide us with oxygen
- Lower energy cost – trees can reduce the air conditioning and heating needs
- Reduce the effects of climate change - trees absorb carbon dioxide (CO₂) and release oxygen into the air
- Lower surface and air temperatures - by providing shade and cools the air
- Reduce air pollution – filters harmful gases, car fumes and airborne pollution
- Storm waste controls - reduces the impact of flooding and erosion
- Increased property values – street trees add value to properties
- Vital to wildlife habitat – provides habitat to a wide range of bird and animal life
- Improved visual amenity - compliments the local roads and environment, enhancing our assets
- Enrich health and wellbeing - connects people with nature, reduces stress, makes us feel relaxed, lowers heart rates and provides shade to protect from harmful UV rays. Street trees encourages outdoor activities and brings communities together.

- Traffic calming - providing a barrier between roads and pedestrians and can moderate traffic flow and excessive speed.
- Provide local area identity – Oak Trees on West Road, Flooded gum Trees on North Rd and Jacaranda trees on Broadway

Examples of street tree benefits in local streets providing shade, shelter for wildlife, producing oxygen, absorbing CO², lowering energy costs, reducing air temperatures, softening the landscape, enhancing our environment, providing shade from harmful UV rays, increasing property values, providing a strong sense of identity in Town of Bassendean, connecting people with nature to reduce stress, and bring communities together.

