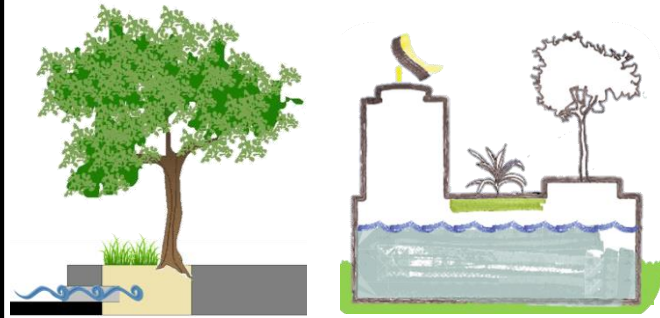


Two ways to cool your street

Streetgardens and ecoPOPs



Business as usual



Streetgardens

ecoPOPs

<p>How it works</p>	<p>Cities replace vegetation with dark, built surfaces which get very hot and do not absorb rainfall. This is the main cause of Urban Heat Islands.</p>	<p>Grow trees, plant gardens and harvest rainwater on your street. Streetgardens and ecoPOPs bring vegetation, increased tree canopies and rainwater collection to an otherwise unshaded, hot, and wasteful street.</p>
<p>Cooling streets</p>	<p>Average air temperatures of a city with 1 million people or more can be 1 to 3°C warmer than its rural surroundings. In the evening, the difference can be as high as 12°C.</p>	<p>Research shows that a 10% increase in urban green space can cool surface temperatures by up to 4°C. Shade trees can reduce surface temperatures by up to 19°C. Streetgardens and ecoPOPs cool streets by increasing shade.</p>
<p>Cutting energy use</p>	<p>Urban Heat Islands increase electricity demand, especially on summer afternoons when offices and homes are running cooling systems, lights, and appliances.</p>	<p>Studies show that every 1°C temperature reduction means around 5% energy savings through reduced cooling load. This amounts to significant savings in your fridge and aircon bills.</p>
<p>Managing stormwater</p>	<p>21.6 BILLION LITRES of stormwater pollute Sydney's harbours every year because city roads and verges are impermeable.</p>	<p>Streetgardens divert street runoff into a patch of soil on the curb to irrigate trees and plants. ecoPOPs can collect up to 2,000L of rainfall and use it to water the built-in gardens and trees.</p>