

The Benefits of Trees in King Township



Trees are vital natural assets that provide numerous benefits to King's community. They are the green lungs of the town, enhancing our health and wellbeing, saving us money, and providing food and sanctuary for wildlife. King has approximately **9.6 million trees** that cover 34% of the municipality.

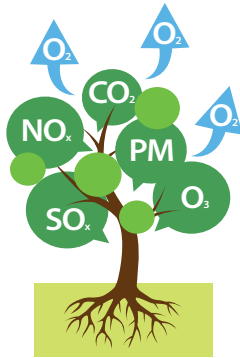


The Township's trees provide shade and shelter, reducing annual energy demands for owners and tenants, providing a savings of **\$440,000**.



Trees absorb and filter rainwater, which helps improve water quality and reduces flash flooding. The township's forest **keeps 140,000 m³ of stormwater out** of storm sewers.

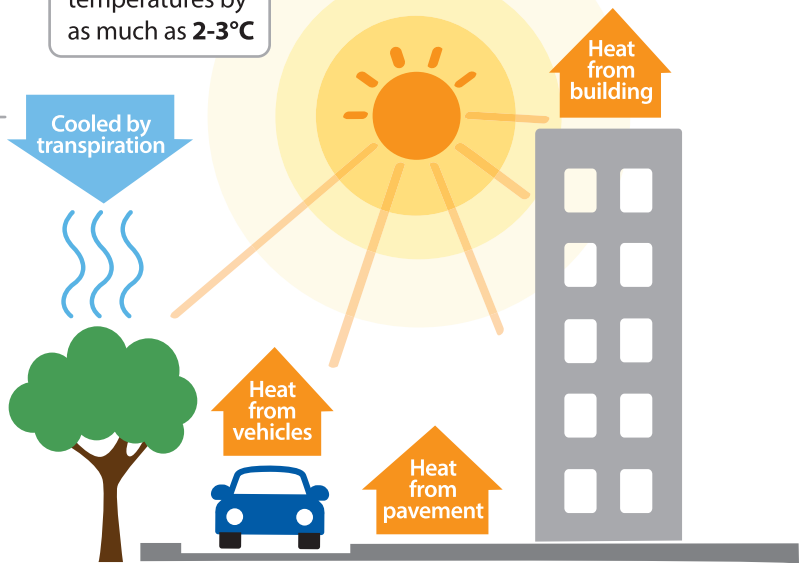
King's forest improves the air we breathe by **removing 468 tonnes** of air pollutants annually and produces **34,000 tonnes** of oxygen.



Roads, buildings, parking lots and hard surfaces **make up 5%** of King's area.

Trees cool air temperatures by as much as **2-3°C**

Cooled by transpiration



The forest provides shade and cooling, **reducing the average UV index by 52%** in residential areas in King. Paved and hard surfaces trap heat, making them warmer than surrounding natural areas. This is called the Urban Heat Island Effect.



Forests help King mitigate climate change, **removing 46,900 net tonnes** of carbon dioxide per year from the atmosphere. This is equivalent to taking **11,000 vehicles off the road**.

Green spaces and trees provide opportunities to **enjoy the outdoors** such as walking and play sports. Spending time outside has been linked to **improved physical, mental, and emotional well-being**.



For more information visit King.ca