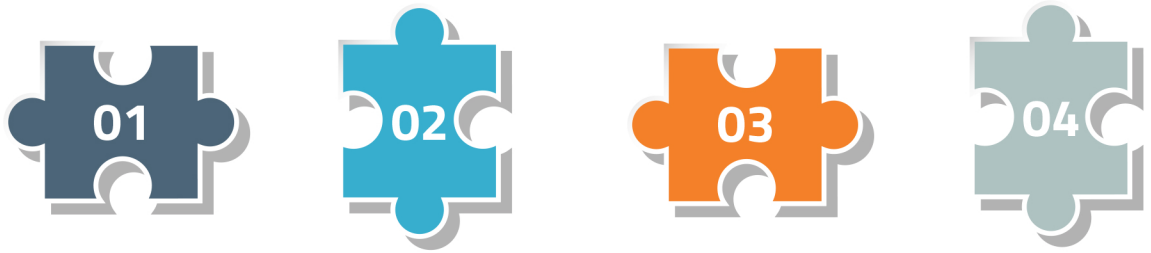
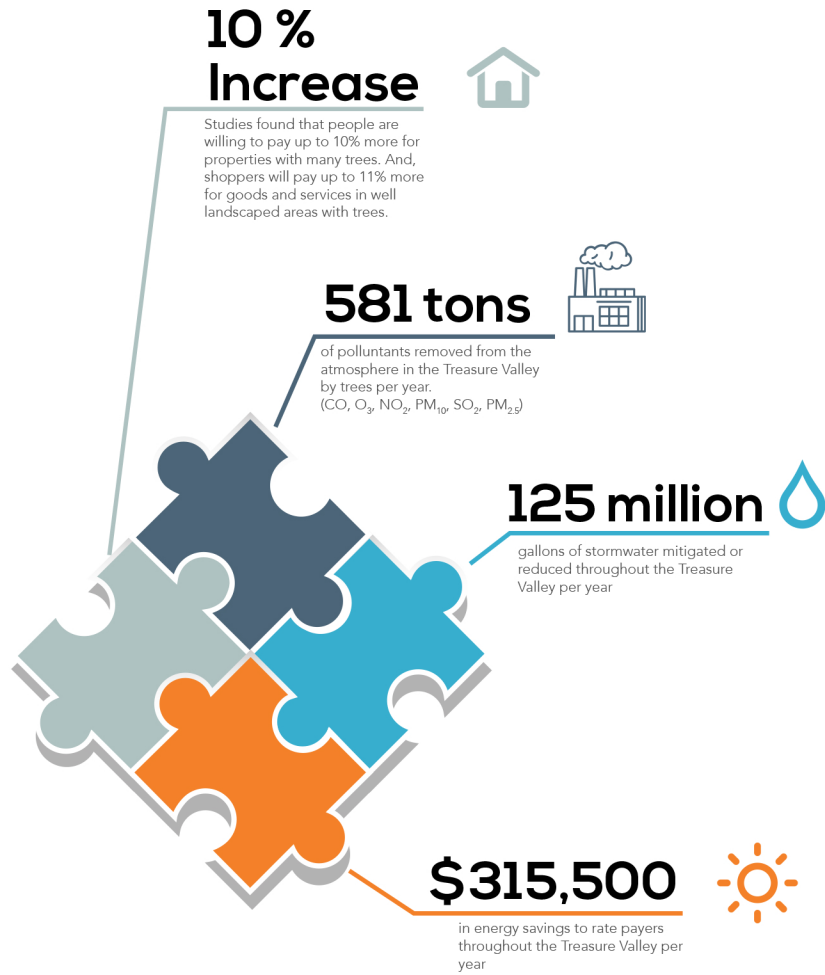


TREE CANOPY

in Idaho's Treasure Valley

Tree Canopy Benefits



| 01 Greenhouse Gas | 02 Water | 03 Energy | 04 Social |
|---|---|---|---|
| <p>Trees reduce greenhouse gas emissions by:</p> <ol style="list-style-type: none"> Absorbing atmospheric carbon dioxide as they grow, storing carbon in their roots, wood and leaves. Reducing energy use (for heating and air conditioning) and subsequent pollutant emissions from power plants. Lowering air temperature, which reduces the production of ozone. | <p>Urban forests slow stormwater runoff and reduce water pollution by:</p> <ol style="list-style-type: none"> Intercepting and holding rain on leaves, branches and bark. Reducing soil erosion by slowing rainfall before it strikes the soil. Increasing infiltration and storage of rainwater through the tree's root system. | <p>Trees in an urban forest reduce energy use by:</p> <ol style="list-style-type: none"> Shading buildings and streets, thus reducing the amount of heat absorbed and stored by structures and asphalt. Converting liquid water to water vapor, which cools the air – also called evapotranspiration. Reducing wind speed, thereby reducing heat loss during the winter. | <p>Trees growing in urban areas contribute to social well-being by:</p> <ol style="list-style-type: none"> Increasing property “curb appeal”, which increases property values. Improving local economies – people tend to spend more money in shopping districts with trees. Absorbing traffic noise, increasing privacy and alleviating mental fatigue. |



www.tvcanopy.net

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