

Impact Summary

Greening Watts
Watts, Los Angeles, CA
TreePeople



Project Goals

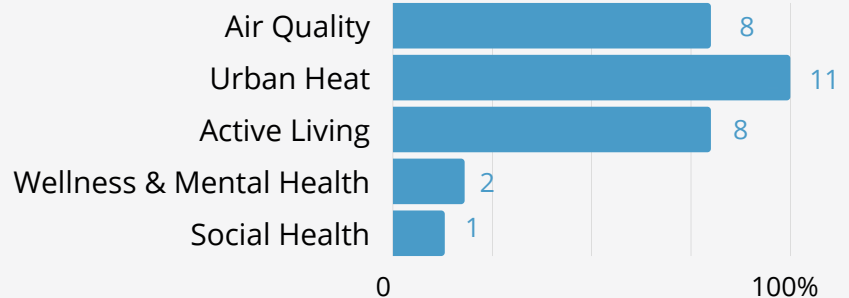
In partnership with the Watts Rising Collaborative, TreePeople planted 30 trees in the Watts neighborhood of Los Angeles in Spring 2022. The goal of this project was to increase tree equity and reduce health disparities in Watts, a predominantly Black and Latino community that has one of the lowest median incomes and highest pollution burdens in the state. Trees were planted along high-density residential streets close to schools, community centers, and parks. The trees will improve air quality, provide shade to mitigate urban heat, enhance the pedestrian experience, and beautify two previously unshaded streets.



Human Health



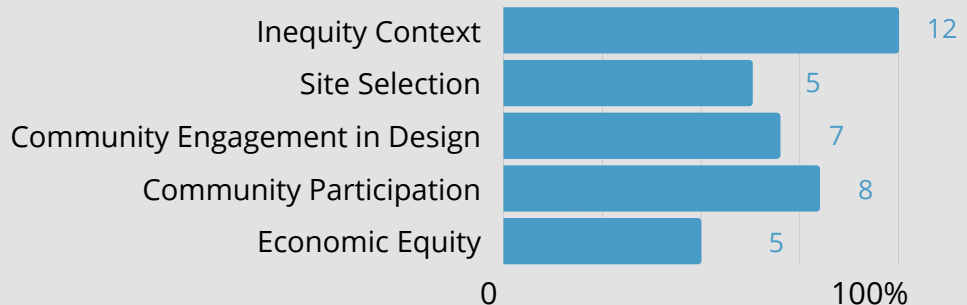
30/50
Excellent



Social Equity



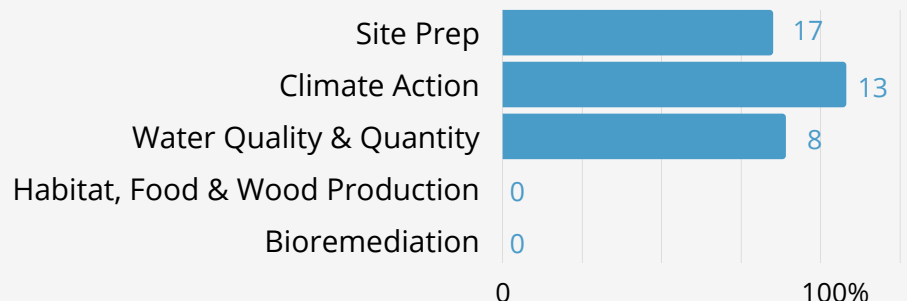
37/50
Excellent



Environment



38/50
Excellent



Impact Summary

Greening Watts Impact Project



Credits: TreePeople

Improve human health, reduce air pollution, and promote walkability

Through TreePeople’s community engagement plan, residents’ priorities were the driving factor in planting site selection. With pollution as a major concern, trees planted will form a green streetscape that reduces air pollution from the nearby I-105 freeway, major roads, and the cargo train route. This planting ties into a larger effort known as the Watts Rising Collaborative, a group of more than forty community-based organizations, nonprofits, and public agencies seeking to collectively improve the quality of life in Watts.

UN Sustainable Development Goals

<p>3 GOOD HEALTH AND WELL-BEING</p>	<p>6 CLEAN WATER AND SANITATION</p>	<p>8 DECENT WORK AND ECONOMIC GROWTH</p>	<p>10 REDUCED INEQUALITIES</p>	<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>
<p>Improve health and well-being for residents</p>	<p>Increase water capture and infiltration</p>	<p>Local hiring</p>	<p>Increase tree canopy and benefits for all</p>	<p>Inclusive public engagement</p>
<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>	<p>13 CLIMATE ACTION</p>	<p>15 LIFE ON LAND</p>	<p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p>	<p>17 PARTNERSHIPS FOR THE GOALS</p>
<p>Reduce urban heat and energy needs</p>	<p>Deliver local climate action, quantify benefits</p>	<p>Support climate resilience</p>	<p>Community-led design and process</p>	<p>Community-based partnerships</p>

Quantified Benefits

Projected values (avoided costs) for ecosystem benefits per year in 25 years

Carbon Sequestration

9.63 metric tons of CO₂
\$240.65 (at \$25/ton)

Rain Interception

34.03 m³/year
\$16.45 per year

Air Quality

O₃: 0.0045 t/yr
NO_x: 0.0021 t/yr
PM₁₀: 0.0026 t/yr
\$531.62 per year

Energy Savings

Electricity - 1,170.14 kWh/yr
Natural Gas - 1,041.68 kBtu/yr
\$204.07 per year