SmartSA Vendor Summit

Sustainability
What is Sustainable San Antonio?

• A **sustainable San Antonio has a thriving economy, a healthy environment, and is an inclusive and fair community.**
San Antonio’s Environmental Priorities

• Air Quality
• Water Quality
• Solid Waste

• Energy
• Climate Change
Air Quality

San Antonio has a goal to be in attainment of Federal Air Quality Ozone Standards by 2020.
Water Quality

The San Antonio River Watershed drains over 4,194 square miles and its reach includes 14 counties and 8,800 streams.
San Antonio’s Solid Waste Management Department (SWMD) provides collection services to over 354,000 residential households and collects over 1 billion pounds of material each year. Including; garbage, recycling and organic materials, large brush, oversized bulky items and hazardous waste materials.

San Antonio has a goal to increase our residential recycling rate to 38% by 2020 and 60% by 2025.
Energy

CPS Energy Electric Generation by source

CPS Energy Flex Path
Climate Change

Climate Projections

<table>
<thead>
<tr>
<th>Year</th>
<th>2040</th>
<th>2070</th>
<th>2100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall</td>
<td>-3</td>
<td>-3</td>
<td>-4</td>
</tr>
<tr>
<td>Days over 100°F</td>
<td>+24</td>
<td>+91</td>
<td>+94</td>
</tr>
<tr>
<td>Summer maximum temperatures</td>
<td>+4°F</td>
<td>+7°F</td>
<td>+11°F</td>
</tr>
</tbody>
</table>

Fewer inches of rainfall annually
Days over 100°F
Summer maximum temperatures

“The City of San Antonio indicates its commitment to reducing greenhouse gas emissions and joins other U.S. cities in the Mayors National Climate Action Agenda network in adopting and supporting the goals of the Paris Agreement adopted on December 15, 2015.” - City of San Antonio, Resolution 2017-06-22-0031R

GHG Emissions

85% of the opportunity to reduce GHG emissions lies within Transportation & Buildings