

SA Climate Ready & Climate Resilience Initiatives

Item # 4

Community Health Committee

May 19, 2025



Agenda



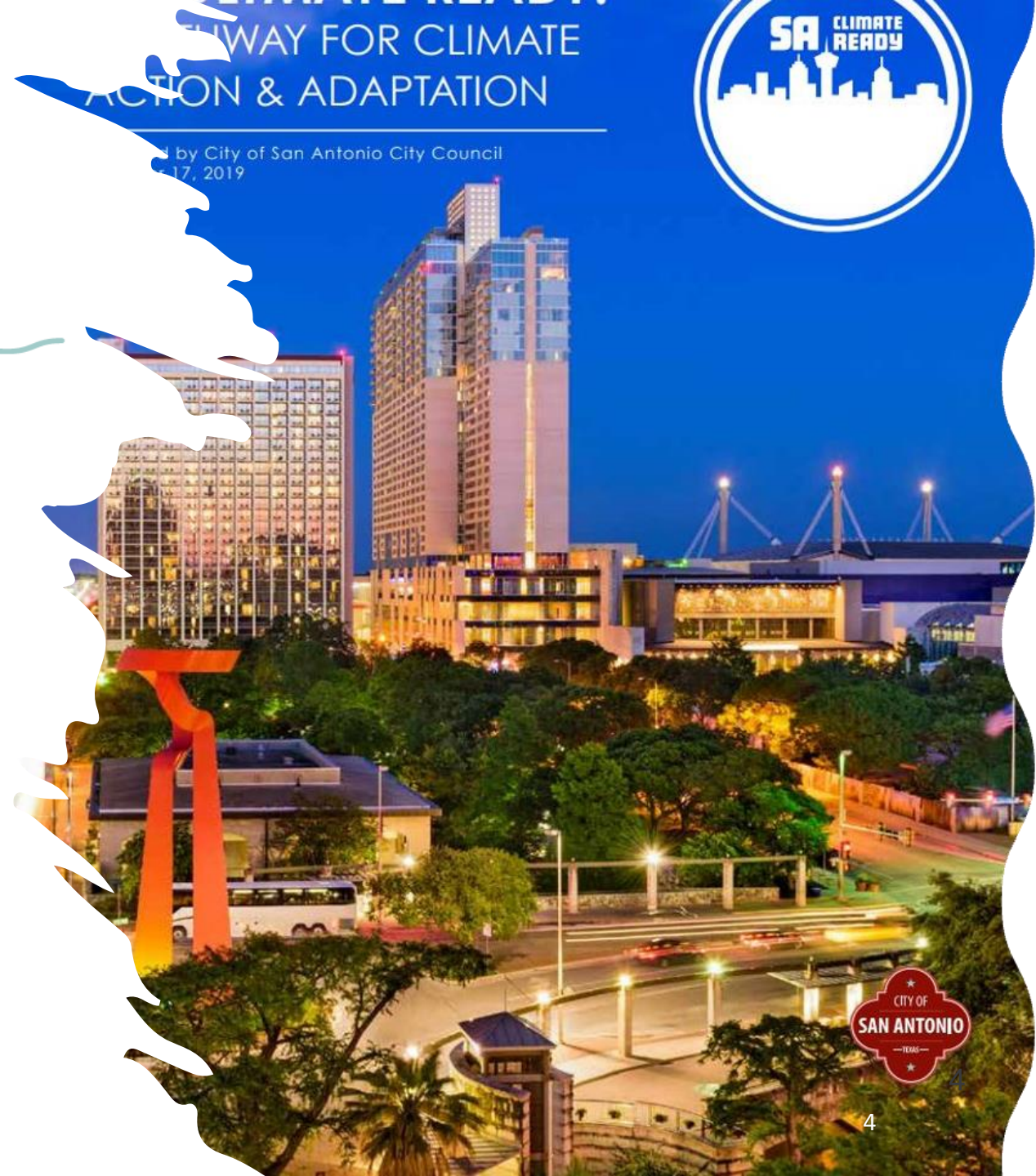
- SA Climate Ready Background & 2025 Update
- Municipal On-Site Solar Program
- Community Climate Resilience Programs
 - Community Action Fund
 - Climate Ready Neighborhoods
 - Low-Income Community Resilience Program
 - Low-Income E-Bike Rebate Pilot Program



SA Climate Ready

SA Climate Ready Background

- 2017: City Council set a goal to become carbon neutral by 2050 & to adapt to climate impacts.
- 2019: City Council approved the Climate Action and Adaptation Plan (CAAP).
- The CAAP is the City's roadmap to achieve carbon neutrality and to adapt to current and future climate impacts.
- Required to be updated every 3-5 years as per adopted plan.



SA Climate Ready Framework



MITIGATION

Actions to reduce or prevent emissions from greenhouse gases

Mitigation Strategies

1. Increase Carbon-Free Energy
2. Reduce Building Energy Consumption
3. Reduce Transportation Energy Consumption
4. Advance the Circular Economy
5. Promote Biodiversity and Healthy Ecosystems
6. Educate and Empower

ADAPTATION

Actions to help reduce the negative effects of climate change

Adaptation Strategies

1. Increase Infrastructure Resilience
2. Strengthen Public Health Systems
3. Enhance Emergency Management & Community Preparedness
4. Promote, Restore, and Protect Green Infrastructure & Ecosystems
5. Protect Local Food Security
6. Increase Resiliency Awareness & Outreach
7. Ensure Equity in Adaptation

The SA Climate Ready includes over 90 mitigation strategies and 45 adaptation strategies

SA Climate Ready Update Goals

ICLEI ClearPath 2.0



Build upon the 2019 plan and utilize the update process as an opportunity to engage and educate.



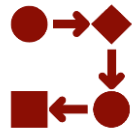
Update GHG reduction target based on current climate science and best practices.



Develop prioritized implementation plan focused on short and mid-term strategies.



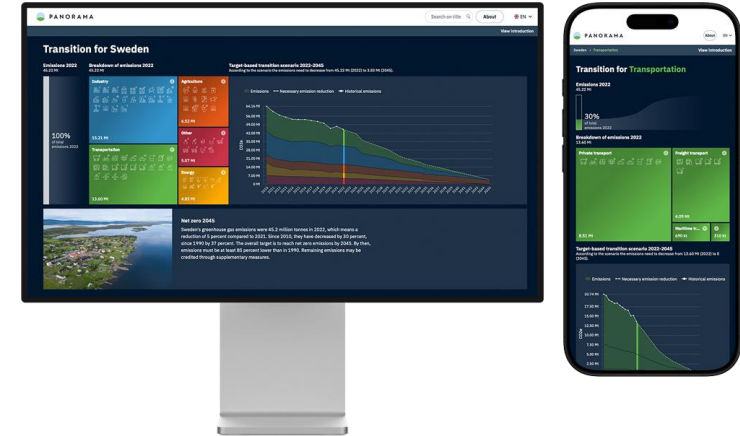
Identify more robust indicators to ensure transparency in tracking implementation.



Utilize real-time visualization tools as part of the plan update process & ongoing implementation tracking/reporting.



Evaluate the cost-benefit of priority implementation measures.



Set target



Set target for 2045

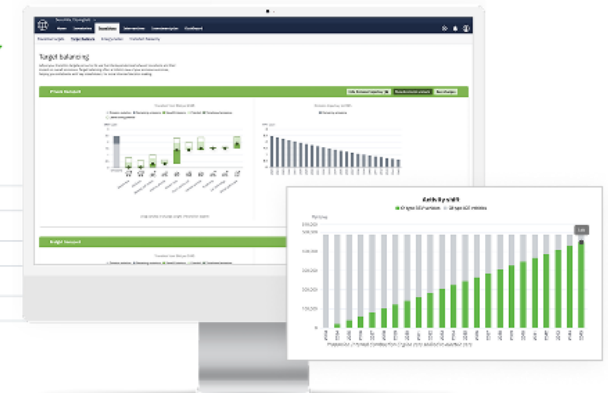
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Target type

Target potential

Trajectory curve type

Linear



SA Climate Ready Update Timeline



Phase One

October 2024 – June 2025

- Conduct 2019 CAAP Assessment
- Best Practice Research
- Complete 2023 Greenhouse Gas (GHG) Inventory
- Create Plan Update Subcommittees



Phase Two

July 2025 – February 2026

- Conduct robust & equity-focused Community & Stakeholder Engagement
- Determine new GHG reduction targets based on current climate science
- Identify priority strategies & indicators to meet short and mid term targets
- Conduct Economic/Cost-Benefit Analysis for priority strategies
- Develop implementation plan



Phase Three

March 2026 – June 2026

- Develop Draft 2025 SA Climate Ready Update Document
- Conduct robust & equity-focused Community & Stakeholder Engagement
- Finalize 2025 SA Climate Ready Plan Update
- Present to City Council for Consideration



Municipal On-Site Solar

Municipal On-Site Solar Scope



- Approved by City Council on November 9, 2023
- 13 MW rooftop and canopy solar PV systems
- Project Cost: \$30M
- Project Timeline: FY24-FY26
- Annual Estimated Savings: \$1.8M
- Offset approx. 11% of city's total electricity usage
- Reduce city's building-related emissions by 18%

Municipal On-Site Solar Progress



FY 2024 Completed Projects	Council District
1. Jean Yates Community Center	4
2. Southside Lions Senior Center	3
3. West Police Substation	6
4. Melendrez Community Center	5
5. Southwest Service Center	5
6. Pre-K 4SA East	2

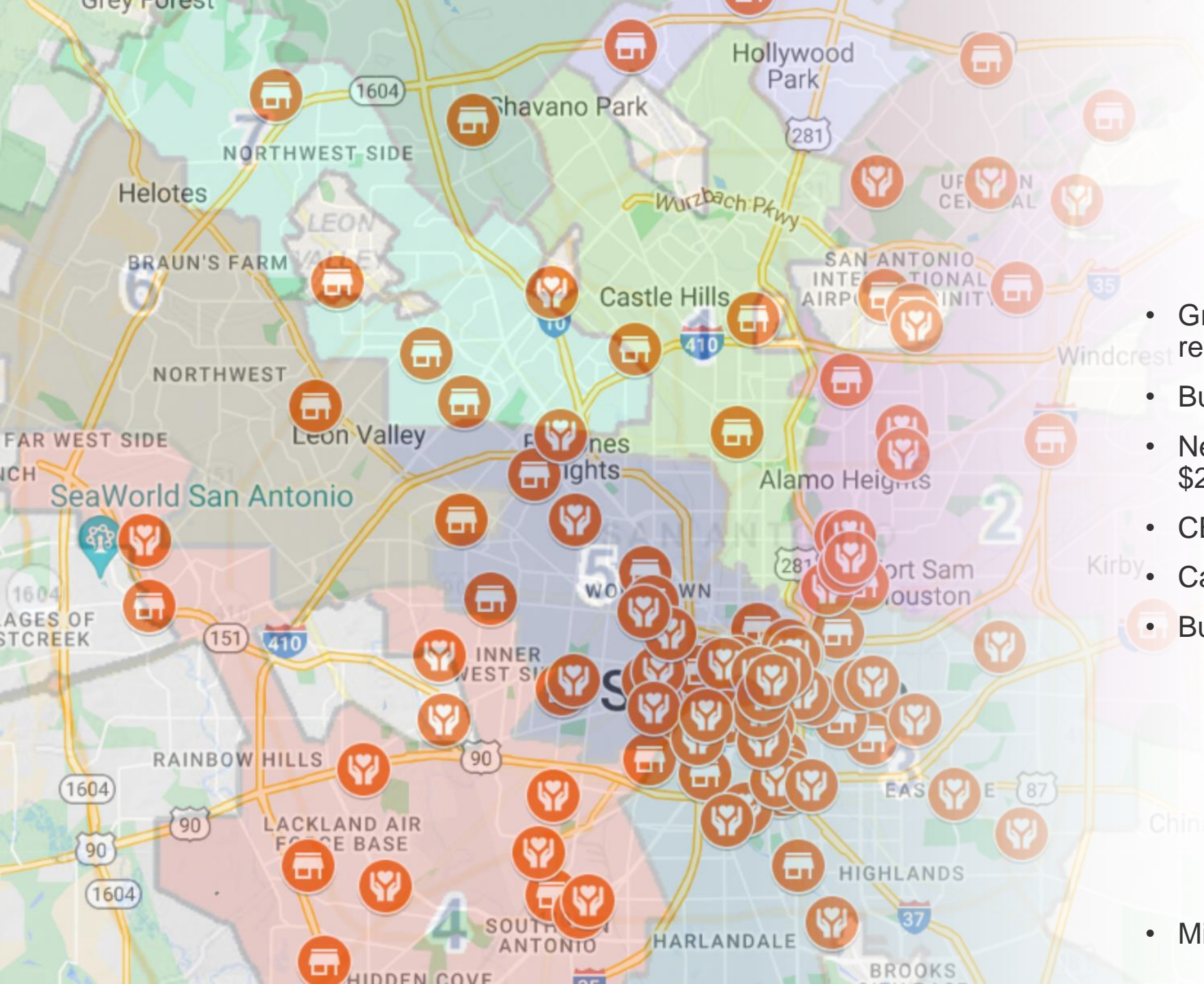
**4.1 MW
Installed**

FY 2025 Completed Projects	Council District
1. Cliff Morton Development & Business Services Center	1
2. Fire Station #37	8
3. Garza Community Center	7
4. Northeast Senior Center	10
5. Public Safety Answering Point	3
6. John Igo Library	8
7. SAPD Service Garage	6



Community Climate Resilience Programs

- Community Action Fund
- Climate Ready Neighborhoods
- Low-Income Community Resilience Program
- Low-Income E-Bike Rebate Pilot Program



Community Action Fund

- Grants for implementation projects related to CAAP goals
- Business Grants - \$2.5 million
- Neighborhood and Community Grants - \$2 million
- CBO Engagement Grants - \$125,000
- Categories:
 - Building Energy Reduction
 - Transportation Energy Reduction
 - Increasing the Circular Economy and Waste Reduction
 - Increase Biodiversity and Healthy Ecosystems
 - Enhance Community Climate Resilience
- Mid-year Report June 2025

Climate Ready Neighborhood Network

Climate Ready Neighborhoods is a network of community partners in San Antonio linking climate-resilience information, trainings, resources, and funding through a network of trusted community groups and spaces called Neighborhood Points of Distribution or PODs.

- Network currently has 24 PODs and is growing.
- Created community resources for the PODs a Community Climate Resilience Field Guide, Project Planning Module, and Community Connections Plan.
- Supports an increase in social cohesion which is an indicator for community resilience.



Microgrant Projects Funded:

- Eastside Sprout Garden Resilience Classes
- Nuevos Vecinos Chicken Tractor
- Beacon Hill Climate Readiness Fair and Fruit Tree Giveaway
- Thor Energy Renewable Energy Pop-ups
- El Templo Cristiano Community Resilience Fair and Tree Giveaway
- SA Mennonite Church Community Park Redesign
- Dignowity Hill NA Climate Resilience Outreach

Climate Ready Neighborhood Network

The Network will continue to focus on the following Climate Resilience Areas:

- Buildings and Landscapes
- Programs and Services
- Connectivity
- Accessibility and Transportation
- Power
- Operations



Through FY 2025 we continue to:

- Support Current PODs
- Communication and Operations planning
- Develop Building Energy audit tools
- Recruit new PODs
- Identify potential funding

Low-Income Community Resilience Program



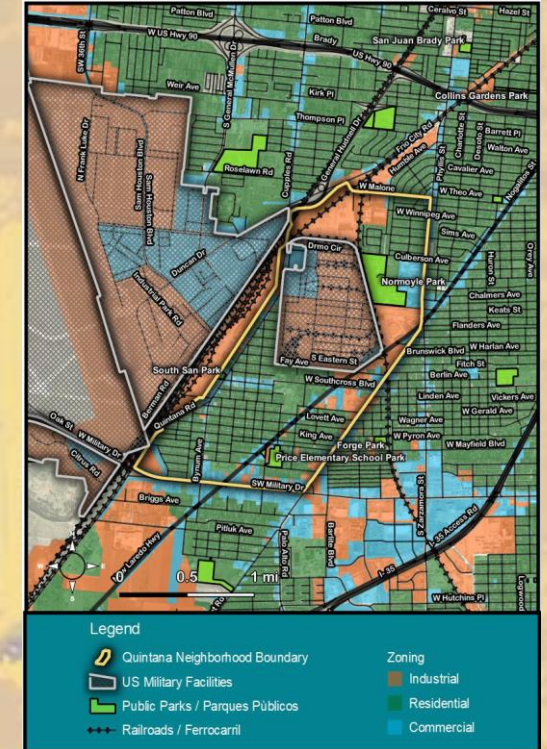
In FY24, \$825,000 was allotted for the Low-Income Community Resilience Pilot Program to utilize an expedited grassroots planning process coupled with implementation funds to increase community resilience.



The inaugural project focused on South San/Quintana. The community identified extreme heat as their top climate resilience priority. Collaboration with Fuerza Unida to develop community driven neighborhood cooling solutions, while empowering leadership in climate resilience.



Trusted community organizations, such as Fuerza Unida, South San residents and City departments were engaged through a series of community meetings to identify priority projects



Through FY2025 we continue to:

- Identify potential project sites to implement shade structures, trees, water fountains and green spaces
- Collaborate with City departments to leverage resources and availability of project work
- Engage with Fuerza Unida to strengthen stakeholder engagement and community trust

South San Heat Resilience: Implementation



Residential Weatherization and Cooling Programs: Improve quality of life, livability, comfort and reduce energy burden by increasing access to weatherization, air conditioning, and solar and battery storage programs for low-income households in South San.



Enhance Green Spaces: Improve local outdoor spaces to provide cooling, recreation, and green infrastructure that improve community health and resilience. Initial focus on: South San Walking Trail and South San Community Center



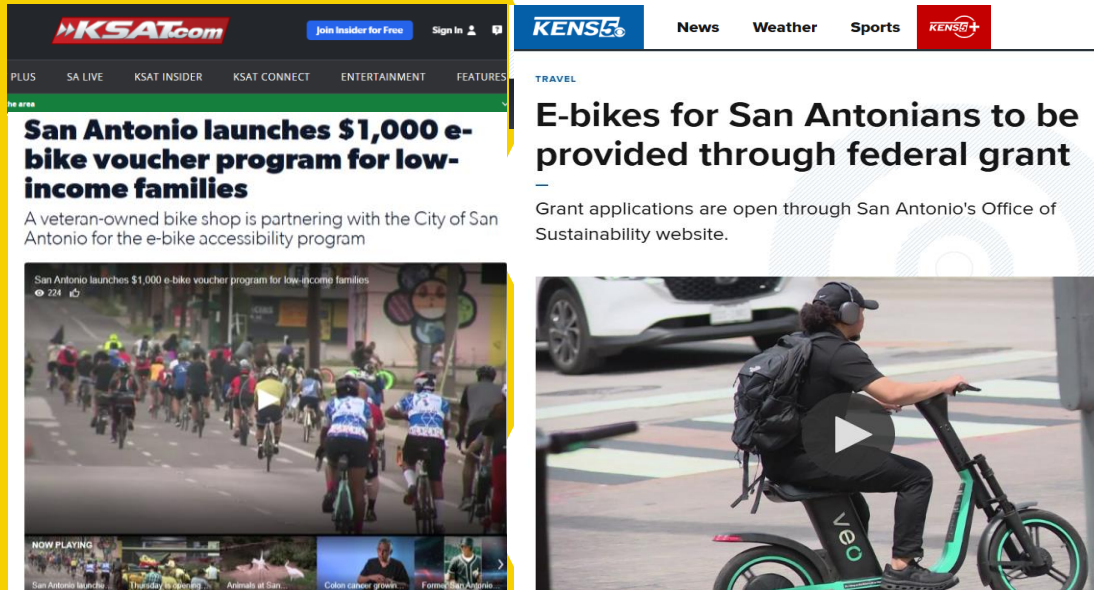
South San Cooling Committee: Establish a dedicated steering committee of residents, community leaders, environmental justice advocates, City staff, and research partners to guide cooling initiatives over a 3-year period, expanding on existing pilot programs and identifying new opportunities.



Partnerships with CoSA and External Organizations:

- Parks and Rec
- Planning
- NHSD
- Arts and Culture
- Port San Antonio
- Greater Edwards Aquifer Authority
- SARA
- CPS Energy
- Bexar Branches

Low-income E-bike Rebate Pilot Program



- The Low-income E-bike Pilot Rebate Program will:
 - Provide 244 vouchers of \$1,000 to qualified low-income individuals or households.
 - Program participants have been income-qualified individuals approved through an NHSD program or provide other approved income documentation.
 - 1,600 applications were received, 244 vouchers have been distributed across all council districts.



Thank you!
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