



Presented by: Douglas Melnick, AICP, ISSP-SA, CNU-A
Community Health & Equity Committee - January 28, 2021
Item #3

SA CLIMATE READY Implementation Update & an Agreement with TXC Texas Creative, LTD

SA Climate Ready Overview





Paris Climate Agreement

On June 22, 2017, City Council passed Resolution No. 2017-06-22-0031R in support of the Paris Climate Agreement; directing city staff to develop a plan to help San Antonio meet the objectives of this agreement. Approximately two years later, on October 17, 2019, City Council adopted the CAAP by Ordinance 2019-10-17-0840.



United Nations
Climate Change

Office of Sustainability

City's Commitments

- Climate equity
- Carbon neutral by 2050
- Climate adaptation
- Reporting requirements



Biden Climate & Environmental Justice Agenda



Federal investment of \$1.7 trillion over the next ten years

100% clean energy and net-zero emissions by 2050

Resilient infrastructure investments to ensure infrastructure can withstand the impacts of climate change

Provide every American city with 100,000 or more residents with high-quality, zero-emissions public transportation options.

Make climate change a core national security priority.

Secure environmental justice and create an equitable economic recovery.



SA Climate Ready (CAAP)



MITIGATION

Actions to reduce or prevent emissions from greenhouse gases

Greenhouse Gas Reduction 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 & Empower

- **28 Community Strategies**
- 12 Near-Term initiated by 2021
- **13 Municipal Strategies**

ADAPTATION

Actions that 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

- **45 Community & Municipal Strategies**



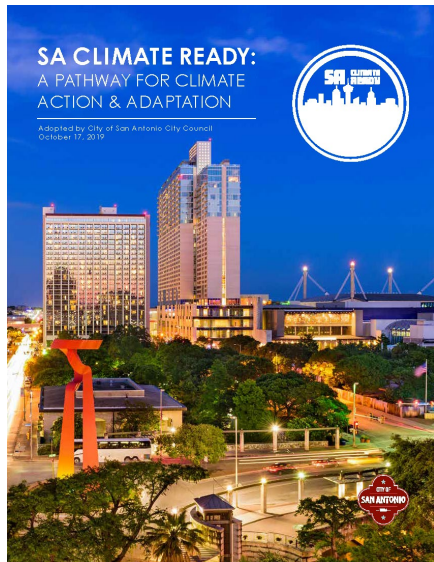
CLIMATE EQUITY



Recognitions



The SA Climate Ready Climate Action & Adaptation Plan recognized by APA TX for 2020 Planning Achievement in the category of *Resilience – Gold*



Texan by Nature
2020 honoree in the
municipal services sector



Graded an A by the Carbon
Disclosure Project (CDP) and
placed on an exclusive A-list.



One of 10 U.S. Pioneer cities
in new CitiesWithNature
Network

External SA Climate Ready Implementation Funding



American Cities Climate Challenge extended through June 30, 2021

- \$215K in direct support for local initiatives
- Access to nationally renowned consultants in transportation and energy efficiency
- 2 Climate Advisors for 2 years to augment OS staffing
- Research and data analysis assistance

- **SA Climate Ready Advisory Committees Race Equity Training**
\$25K by Energy Foundation
- **Benchmarking Education**
\$25K by Energy Foundation
- **Office of Sustainability Equity Consulting and Capacity Building**
\$25K by Holloman Price Foundation
- **Mayor's Youth Engagement for Climate Initiative**
\$75K by Holloman Price Foundation
- **CAAP Training for City Leadership**
\$50K by Energy Foundation
- **CoSA Employee TDM Initiative**
\$15K by NACTO

Governance



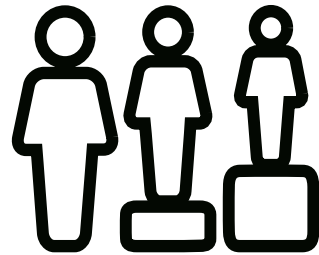
Governance Implementation



Launched ✓

Technical/Community Advisory Committee

- Representatives from lead agencies and key-stakeholders
- Advises city staff and provides input on implementation



Launched ✓

Climate Equity Advisory Committee

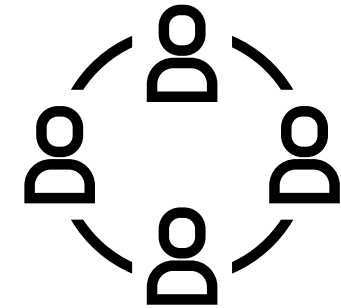
- Coalesces diverse stakeholders
- Ensures climate equity considerations in all actions
- Tracking and reporting climate equity metrics



Launched ✓

CoSA CAAP Executive Team

- Provides strategic direction
- Ensures organizational alignment around CAAP
- Develops policies and allocates budgets



Launched ✓

CoSA CAAP Delivery Teams

- Manages successful implementation of CAAP
- Translates strategies into actions
- Coordinates between disparate departments and stakeholders

SA Climate Ready Advisory Committees



Quarterly Advisory Committee Meetings

Kick-off Orientation Meeting

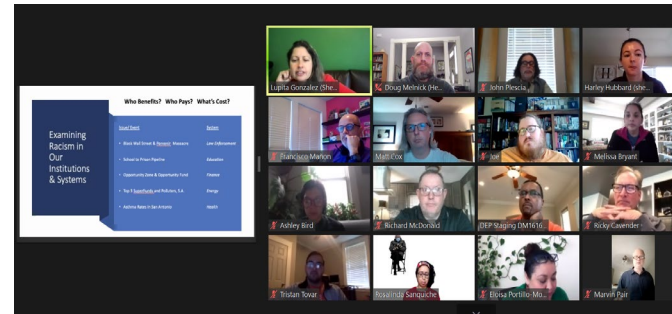
✓ November 17, 2020

Climate Equity Advisory Committee

- March 2, 2021

Tech & Community Advisory Committee

- March 3, 2021



Climate Change 101

Webinar with Dr. Andrew Dessler

✓ January 11, 2021

Racial Equity Trainings

Historical Truths Unveiled: An Intro to Racism in the U.S.

✓ January 16 & 23, 2021

Examining Power and Its Impact

- February 2 & 9, 2021

Coaching Skills as Race Equity Tools

- February 17 & 18, 2021

CoSA Climate Leadership Training



Municipal leadership begins with education and training.

- **GOAL:** Incorporate CAAP objectives into city operations and decision-making

**Spearheading the
SA Climate Action & Adaptation Plan**



Session 1 - Executive Team Introduction

Office of Sustainability

Note: This audio recording accompanying these slides is a re-recording of a session held on 16 November 2020 and accurately reflects the presentation and discussion.

Proposed Development and Delivery Plan



	2020				2021							
Month	9	10	11	12	1	2	3	4	5	6	7	8
Executive Team												
Delivery Team												
Webinars												

Convening leadership

Advancing action

Broader engagement across all City staff

SA Climate Ready Departmental Consistency Document
OFFICE OF HISTORIC PRESERVATION

Department Director: Shannon Miller
Sustainability Liaison: Cory Edwards

SA Climate Ready, Climate Action and Adaptation Plan (CAAP)

Purpose of the Departmental Consistency Document
As a major organization with diverse operations and 13,000 employees (about the same size as HEB in San Antonio, Texas Instruments, or Garmin), the City of San Antonio (CoSA) has an important role to play in creating and maintaining a sustainable community that is economically competitive, environmentally responsible, and socially equitable to its 1.5 million and growing residents. This consistency document is provided to aid City departments in aligning their work plans with climate strategies that require their leadership, partnership, participation or awareness. Ensuring work plans are consistent with the goals of SA Climate Ready will help CoSA meet climate commitments and help make San Antonio an equitable, resilient, and economically competitive community.

What is the CAAP?
On October 17, 2019, City Council adopted the SA Climate Ready, Climate Action & Adaptation Plan (CAAP) that has a goal of carbon neutrality by 2050 and prepares the community for present and future challenges related to climate change. The CAAP is a strategic document that outlines a collection of actions and policies that reduce greenhouse gas (GHG) emissions based upon a reduction target, as well as evaluates climate-related impacts to our community and provides strategies to adapt and build resilience.

Direction from the Mayor and City Council:
[Paris Climate Agreement Resolution 2017-06-22-00318](#)
[CAAP Council Resolution 2019-10-17-0040](#)

Departmental-Specific Strategies
The strategies below require different levels of involvement that range from leadership to awareness. Please see a brief description below.

ROLE:
Lead - The success of the climate action strategy depends on your department's leadership.
Support - Your department's support is needed to develop or implement this strategy.
Awareness - Consider this strategy when planning, implementing programs and policies, or in decision-making.

STATUS:
A - Acknowledged
NAP - No activity planned
I - Initiated
C - Completed

Below the Office of Sustainability has identified priority strategies from the CAAP. It is our hope that we can identify existing efforts that are already contributing to these strategies or to place them on your radar for potential implementation. A complete list of strategies that pertain to your department can be found in the full [CAAP](#).

COMMUNITY MITIGATION STRATEGIES
Measures implemented at the community level to reduce the amount and speed of future climate change by reducing emissions of heat trapping gases or removing carbon dioxide from the atmosphere.

STRATEGY #	STRATEGY	ROLE	QUARTERLY STATUS SUMMARY	KEY PERFORMANCE INDICATORS (KPI)
#6, pg. 24	ZERO NET ENERGY BUILDING CODE Continue San Antonio's leadership in building codes by continually adopting the most recent updates to the IECC code, with the goal of adopting a Zero Net Energy (ZNE) code for all new buildings and substantial rehabilitations, taking into consideration technical and economic feasibility.	Support		
#7, pg. 24	ENERGY EFFICIENCY PROGRAMS Continue to support and expand energy efficiency and green building programs functioning within the City.	Support		

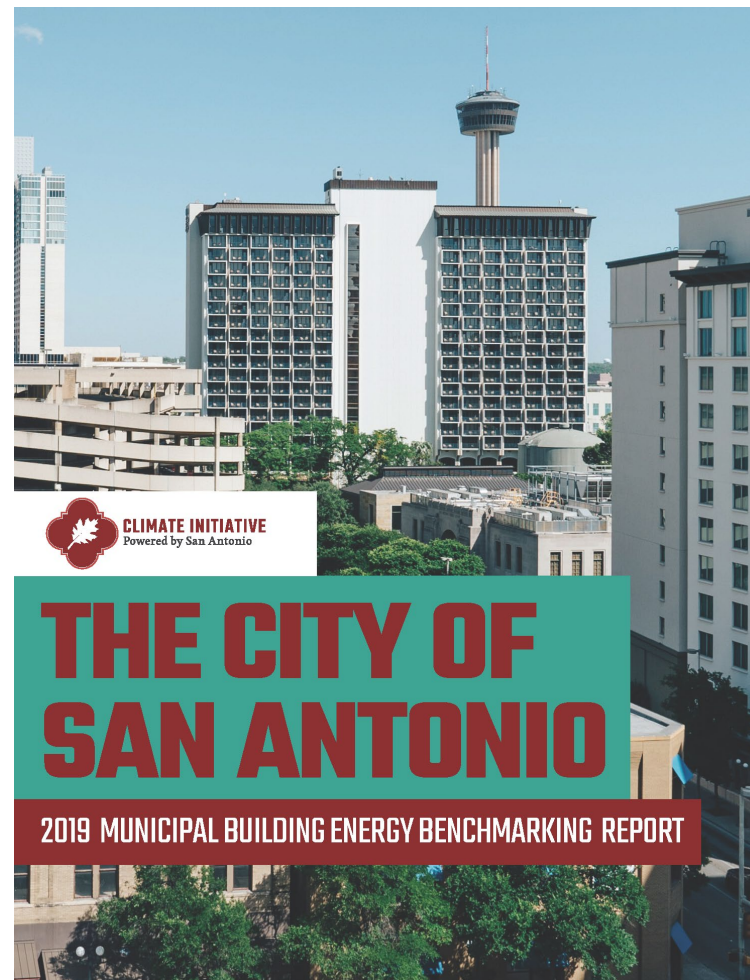
ADAPTATION STRATEGIES
Actions that prepare our community for current and expected climate change impacts, including impacts to people, infrastructure, and natural and manmade systems. In human systems, adaptation seeks to moderate or avoid harm or exploit beneficial opportunities.

STRATEGY #	STRATEGY	ROLE	QUARTERLY STATUS SUMMARY	KEY PERFORMANCE INDICATORS (KPI)
#18, pg. 36	REDUCED LANDFILL CONTRIBUTION Building on CoSA's Deconstruction Pilot Program, accelerate the acceptance of low-waste construction projects through education, incentives and partnerships, and continue to pursue zero-landfill waste practices for all construction projects.	Support		
#21, pg. 36	ECOLOGICAL PLANNING AND CLIMATE SENSITIVE DESIGN Integrate climate mitigation and adaptation into existing land development review and permitting processes with a goal of maximizing the benefits of natural geographic and ecological features.	Support		
#26, pg. 36	BUSINESS DECLARATIONS Encourage businesses that operate within the City of San Antonio to set GHG reduction targets for their own operations that match or exceed the City targets.	Support		
#28, pg. 36	COMMERCIAL WASTE REDUCTION Building on the City of San Antonio Solid Waste Management Department's RecycleRight Program, continue to reduce landfill commercial waste.	Awareness		

Education & Empowerment



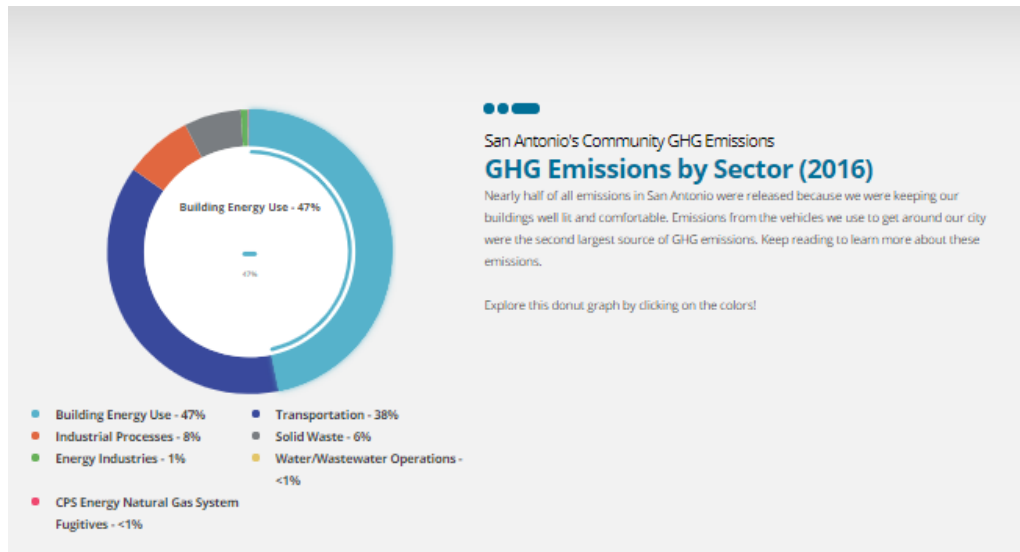
Data and Research



2019 Greenhouse Gas Inventory *and* 2020 SA Climate Ready Annual Report

to be released
February 26, 2021

SA Sustainability Dashboard www.sasustainability.com



Downtown River Walk will remain open to kayakers for another 2 months

The City has announced the extension of the downtown River Walk kayaking program for residents and visitors.



\$23 million land bridge in San Antonio's Hardberger Park set to open next week

The land bridge connecting Phil Hardberger Park from east to west will be open to the public on 12/11



The Trailist: Cathedral Rock Park is a natural limestone playground

The 56-acre park on the Far West side between Grissom and Culebra roads is a space to explore



INCREASE CARBON-FREE ENERGY



REDUCE BUILDING ENERGY CONSUMPTION



REDUCE TRANSPORTATION ENERGY CONSUMPTION

Reducing the amount of energy used in our current transportation system is crucial to meeting our goals. We aim to achieve a more efficient and agile system through meaningful and measurable initiatives that consider the various lifestyles and needs of the residents of San Antonio.

Action	Description	Timeline	Status	Co Benefits
9	CLEANER AND MORE EFFICIENT VEHICLE TECHNOLOGIES Encourage the accelerated adoption of and transition to clean and more efficient vehicle technologies for personal vehicles, trucks, transit, and freight.	Near Term	<div><div></div></div>	AQ H
10	VEHICLE MILES TRAVELED (VMT) Reduce vehicle miles traveled per person throughout the City, prioritizing the reduction of VMT in single-occupancy vehicles by diversifying transportation choices.	Near Term	<div><div></div></div>	AQ H
11	CONNECTIVITY / WALKABILITY Accelerate connectivity and walkability by prioritizing the funding and construction of infrastructure for micro-mobility modes such as walking, biking, and other human-powered transportation with an emphasis on the protection of vulnerable road users.	Long Term	<div><div></div></div>	A AQ H NC
12	SUSTAINABLE LAND PLANNING AND DEVELOPMENT Support and incentivize the development and redevelopment of more compact, connected, cost-effective, and resilient neighborhoods and districts.	Long Term	<div><div></div></div>	A AQ H NC
13	MOBILITY AS A SERVICE Utilize smart city and big data solutions to promote mobility as a service to reduce the GHG impact of transportation solutions.	Long Term	<div><div></div></div>	A AQ QJ
M5	STREETLIGHT CONVERSION Convert all streetlights to LEDs with daylight sensors by 2021 and implement the recommendations of the Urban Lighting Master Plan.	Near Term	<div><div></div></div>	A QJ
M6	CLEANER AND MORE EFFICIENT VEHICLE TECHNOLOGIES Convert all fleet passenger vehicles and small trucks to more efficient options by 2025, with a priority on electrification based on recommendations of the Electric Fleet Conversion and Infrastructure Study (currently in development). Additionally, research and pilot the electrification of heavy trucks.	Near Term	<div><div></div></div>	AQ H
M7	TRANSPORTATION DEMAND MANAGEMENT Reduce the GHG impact of employee commuting.	Near Term	<div><div></div></div>	A AQ H QJ
M8	AIRPORT ACCREDITATION Consider pursuing and achieving Airport Carbon Accreditation.	Long Term	<div><div></div></div>	AQ H

Community, Youth, and Educators



Public Engagement & Communications Initiative

Education & Empowerment: a foundational strategy for climate action, included in SA Climate Ready



- ✓ Comprehensive community engagement, education, and outreach campaign
- ✓ Addressing general climate action and adaptation education and awareness
 - ✓ Behavior change and action-oriented
 - ✓ High priority sustainability initiatives from CAAP

TXC Texas Creative, Ltd., is a locally owned and operated, woman-owned small business with a diverse portfolio focused on motivating behavior change for public good.



TXC local campaigns and clients include:

- San Antonio River Authority
- Goodwill San Antonio
- Mission Heritage Partners
- Texas Commission on Environmental Quality
- Texas DMV
- And many others

Communication & Engagement Strategies



Communications and Engagement Channels

- Branding and Messaging
- Social Media and Blogs
- Print, TV, and Radio (No Paid Media Buys)
- Education and Empowerment Campaign
- English and Spanish Translation

Graphic Design Services

- Design and production of engagement and outreach materials
- Infographics

Targeted Stakeholder Engagement

- Design and coordinate stakeholder engagement campaign
- Conduct equity-focused communications and engagement
- Conduct community and business sector engagement

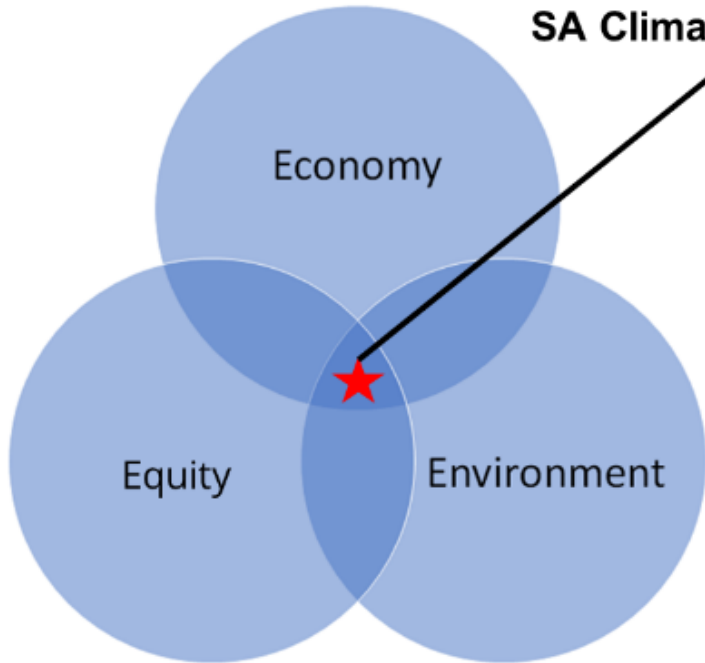
Identify and Track Campaign Key Performance Indicators

Developed with input from the SA Climate Ready Advisory Committees

Focus on Community + Equity



SA Climate Ready



Prioritizing Climate Justice

- 20% of funding for grassroots organizations to work with the traditionally underserved, considered “hard to reach,” and that will be most impacted by climate change.
- Convene SA Climate Ready Climate Equity Advisory Committee and the Office of Equity to identify priority communities.
- Identify potential organizations and select recommended subcontractors to be approved by CoSA.
- Consult with the SA Climate Ready Advisory Climate Equity Advisory on the detailed scope and implementation.

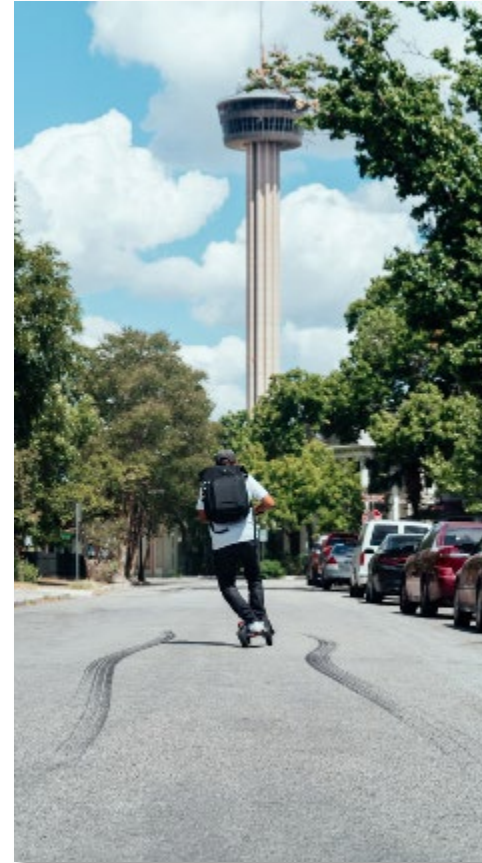
City Council & Community Priorities

- Systemic racism
- Public health
- Economic recovery
- Climate Action

Fiscal Impact



- The fiscal impact of this agreement is \$195,000, with an option of 2 one-year renewal options at a cost of \$195,000 per term.
- 20%, or \$39,000, per year will be made available through sub-contracts to grassroots organizations for equity-focused outreach.
- Funding approved in support of the CAAP as part of the Office of Sustainability FY 2021 budget.
- Funding source: Solid Waste Fund



Staff Recommendation



Staff recommends approval of the agreement with TXC Texas Creative, Ltd., and to present it for full City Council consideration on February 11, 2021.



“With every bout with nature’s fury, caused by our own inaction on climate change, more Americans see and feel the devastation ... It is happening everywhere.”

-President Joe Biden

Thank you!

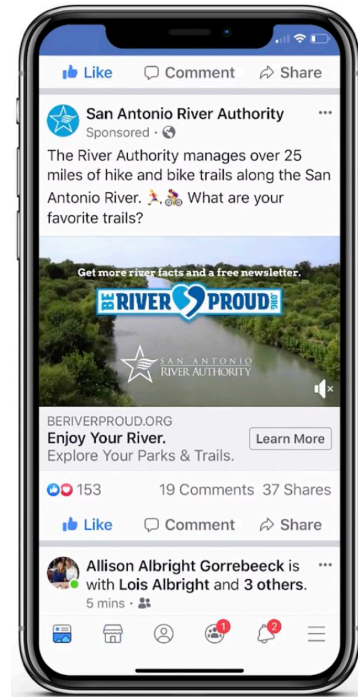
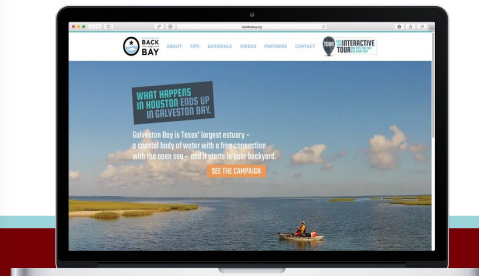
Sample TXC Clients and Campaigns



TCEQ: Take Care of Texas & Back the Bay

SARA: Be River Proud

Mission Heritage Partners



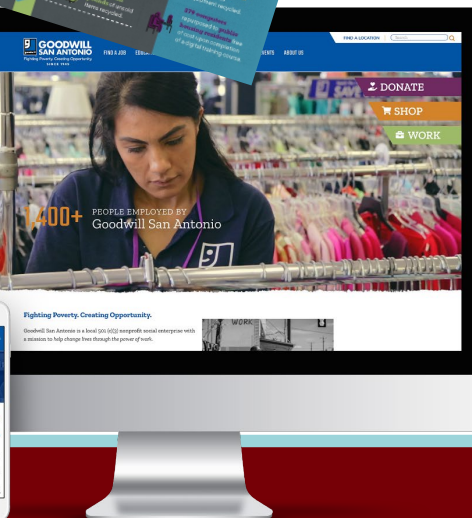
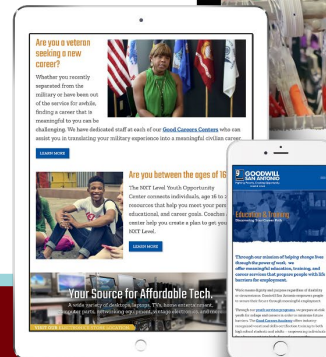
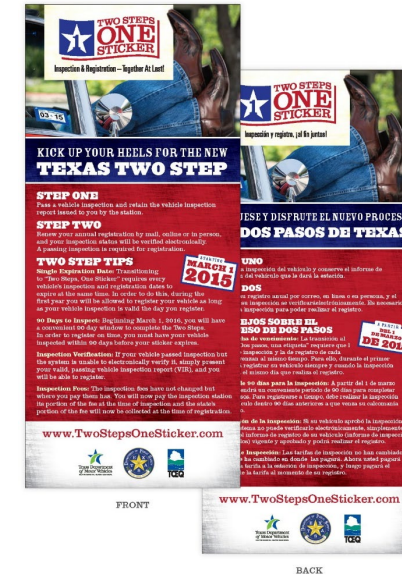
Sample TXC Clients and Campaigns



Family Tapestry

Goodwill San Antonio

Texas DMV



Evaluation



Evaluation Committee

- Office of Sustainability
- Government and Public Affairs
- Solid Waste Management Department

Evaluation Criteria:

- Experience, Background, Qualifications: 30 points
- Proposed Plan: 45 points
- SBE Prime Contract Program: 5 points
- M/WBE Prime Contract Program: 5 points
- Local Preference Program: 10 points
- Veteran Preference Program: 5 points

Evaluation: Proposals



RFQ SA Climate Ready Engagement & Communications Initiative (RFQ 20-038; RFx# 6100012483) Score Summary *INITIAL EVALUATION May 4, 2020	Maximum Points	esd & Associates 1202 W. Bitters Rd., Suite #9 San Antonio, Texas 78216	Poznecki-Camarillo, Inc. 5835 Callaghan Road, Ste. 200 San Antonio, Texas 78228	The DeBerry Group 110 Broadway, Suite 625 San Antonio, Texas 78205	Texas Creative, LTD 334 North Park Dr. San Antonio, Texas 78216	aMAEzing 215 N. Center, Suite 706 San Antonio, Texas 78202	Openbox Design, L LC 1151 Flatbush Rd Kingston, NY 12401
A - Experience, Background, Qualifications	30	22.60	20.00	20.60	19.80	13.60	11.80
B - Proposed Plan	45	36.60	30.20	29.00	26.80	22.80	12.20
A - B Sub-Total	75	59.20	50.20	49.60	46.60	36.40	24.00
C - Small Business Economic Development Advocacy Program	10	10.00	10.00	10.00	10.00	10.00	0.00
D - Local Preference Program	10	10.00	10.00	10.00	10.00	10.00	0.00
E - Veteran-Owned Small Business Preference Program	5	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL SCORE	100	79.20	70.20	69.60	66.60	56.40	24.00
RANK BASED ON TOTAL SCORE		1	2	3	4	5	6

*One evaluation meeting held with interviews and scoring completed

Evaluation: Interviews



RFQ SA Climate Ready Engagement & Communications Initiative (RFQ 20-038; RFx# 6100012483) Score Summary FINAL EVALUATION May 7, 2020	Maximum Points	Texas Creative, LTD 334 North Park Dr. San Antonio, Texas 78216	The DeBerry Group 110 Broadway, Suite 625 San Antonio, Texas 78205	Poznecki-Camarillo, Inc. 5835 Callaghan Road, Ste. 200 San Antonio, Texas 78228	esd & Associates 1202 W. Bitters Rd., Suite #9 San Antonio, Texas 78216
A - Experience, Background, Qualifications	30	27.40	21.60	15.40	13.60
B - Proposed Plan	45	39.60	34.00	22.40	23.00
A - B Sub-Total	75	67.00	55.60	37.80	36.60
C - Small Business Economic Development Advocacy Program	10	10.00	10.00	10.00	10.00
D - Local Preference Program	10	10.00	10.00	10.00	10.00
E - Veteran-Owned Small Business Preference Program	5	0.00	0.00	0.00	0.00
TOTAL SCORE	100	87.00	75.60	57.80	56.60
RANK BASED ON TOTAL SCORE		1	2	3	4

Reduce Building Energy Consumption



CoSA Energy Policy

Objectives:

To reduce energy consumption, adopt an Energy Policy Ordinance for City-owned buildings and facilities. Identify a reduction target.

Benchmarking & Transparency Ordinance

Objectives:

Energy benchmarking allows building owners and operators to track energy use and assess performance in comparison to others. The City will develop and pursue adoption of energy benchmarking and disclosure requirements for commercial and multi-family buildings 50,000 sq. ft. and greater.

Name	Dept	Team
Golda Obinzu	Office of Sustainability (OS)	Both
Adil Chowdhury	NRDC	Both
Julia Murphy	OS	Both
Amin Tohmaz	DSD	Benchmarking
Jose Correa	BESD	Energy Policy
Chris Hebner	City Attorney's Office	Benchmarking
John Jacks	CCDO	Benchmarking
Matt Reat	Innovation	Energy Policy
Krystal Strong	HR	Energy Policy
Jonathan Malagon	Equity	Benchmarking

Reduce Transportation Energy Consumption



CoSA Green Fleet Policy & Fleet Electrification

Objectives:

Convert all fleet passenger vehicles and small trucks to more efficient options by 2025, with a priority on electrification based on recommendations of the Electric Fleet Conversion and Infrastructure Study. Additionally, research and pilot the electrification of heavy trucks.

Citywide EVSE

Objectives:

Build a modern EV charging system that can increase consumer confidence in electric vehicles.

In addition to analyzing opportunities to electrify the City's fleet, the EVSA program unifies programs, policies, education and infrastructure initiatives to make San Antonio a more EV-friendly city.

Name	Dept	Team
Julia Murphy	Office of Sustainability (OS)	Both
John Bailey	NRDC	Both
Harley Hubbard	OS	Both
Ruben Flores/Maggie Metzner	BESD	Fleet
Ayten Cibildak	PWD	Fleet
Kevin Orton/Sumina Samal	OMB	Both
Homer Garcia	Parks	Fleet
Audrey Zamora-Johnson	SWMD	Fleet
David Badillo	SWMD	Fleet
Chris Hebner	City Attorney's Office	Both

Name	Dept	Team
Tom Bartlett	Aviation	Fleet
Gopi Akalkotkar	PWD	Fleet
Mario Martinez	Metro Health	Both
Jonathan Malagon	Equity	EVSE
Emily Royall	Innovation	Both
Jessica Brunson	PWD	EVSE
Jacob Powell	Planning	EVSE
Marco Hinojosa	PWD	EVSE
Jana Wentzel	PWD	EVSE

Biodiversity & Healthy Ecosystems

Tree Canopy Programs

Objectives:

Incentivize, expand, and fund tree planting/replacement programs to promote more drought and wildfire-resistant native species, prioritizing the most effective locations for the plantings, and further develop Best Management Practices (BMPs). Establish a baseline for the CO2 absorption from San Antonio's trees.

Create an Integrated Green & Blue Infrastructure Plan

Summary:

Assess opportunities for creating connected networks to manage water and regulate temperature through ecosystem-based adaptation measures. This could include connecting existing park and open space networks and adjacent areas to provide cooling corridors and stormwater management benefits.

Name	Dept	Team
Nefi Garza	PWD	Both
Homer Garcia	Parks	Both
Grant Ellis	Parks	Both
Cathy Justice	Parks	TCP
Melissa Ramirez	DSD	Both
Mark Byrd	DSD	TCP
Ricardo Ambriz	Metro Health	TCP
Anna Macnak	Metro Health	
Nick Galus	SWMD	
Rudy Nino	Planning	
Jonathan Malagon	Equity	Benchmarking

Adaptation – Extreme Heat



Heat Risk Assessment

Summary:

Initiate a risk assessment for managing the impacts of extreme heat with a focus on low-income, public housing, and City-subsidized residential buildings and identify opportunities to implement UHI reduction measures with a focus on vulnerable populations.

Urban Heat Island

Summary:

Analyze and quantify the urban heat islands (UHI) in San Antonio (currently underway) and develop an implementable and impactful UHI mitigation and adaptation plan with a focus on vulnerable populations and ecosystems.

Name	Dept	Team
Nefi Garza	PWD	UHI
Homer Garcia	Parks	UHI
Mark Byrd	DSD	UHI
Mario Martinez	Metro Health	Both
Kathy Donellan	Library	Both
Chris Stokes/James Mendoza	OEM	Both
Marc Wonder	DHS	Both
Jennifer Buxton	NHSD	UHI
Rudy Nino	Planning	HRA
Jonathan Malagon	Equity	HRA
Anthony Perez/Otto Trevino	PWD	UHI
Murray Myers	OS	Both