

CITY OF SAN ANTONIO

OFFICE OF SUSTAINABILITY

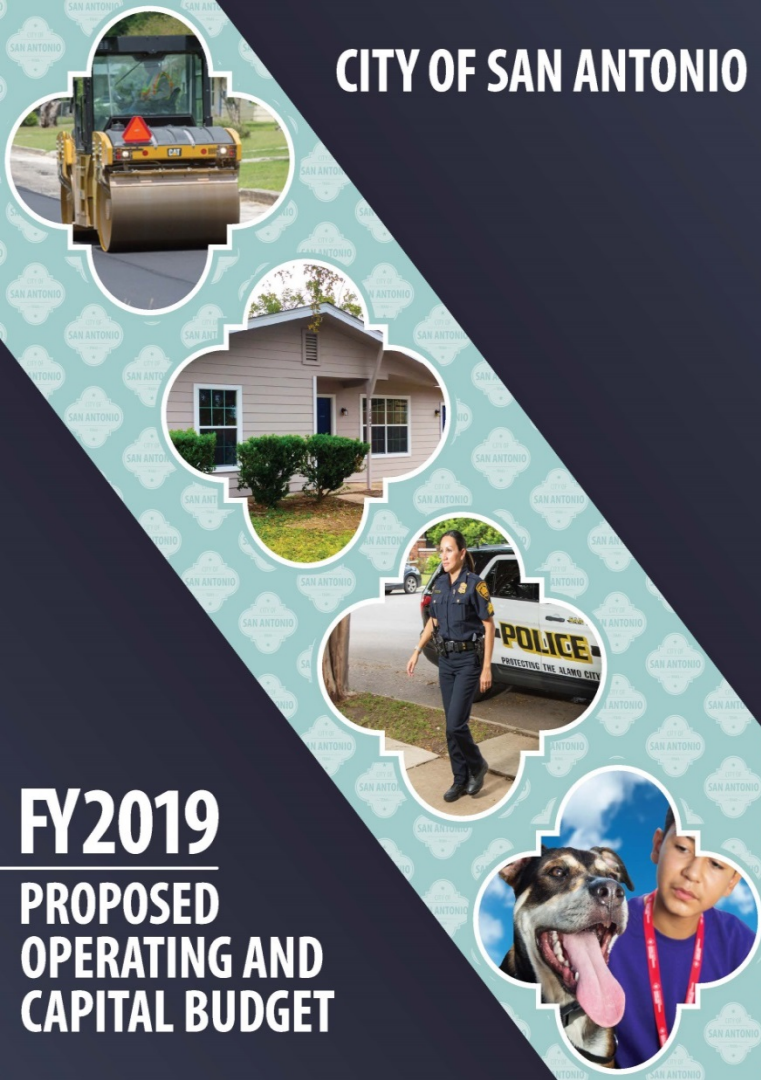


Presented August 21, 2018 by

Douglas Melnick, AICP, CNU-A, ISSP-SA

Chief Sustainability Officer

FY2019
PROPOSED
OPERATING AND
CAPITAL BUDGET



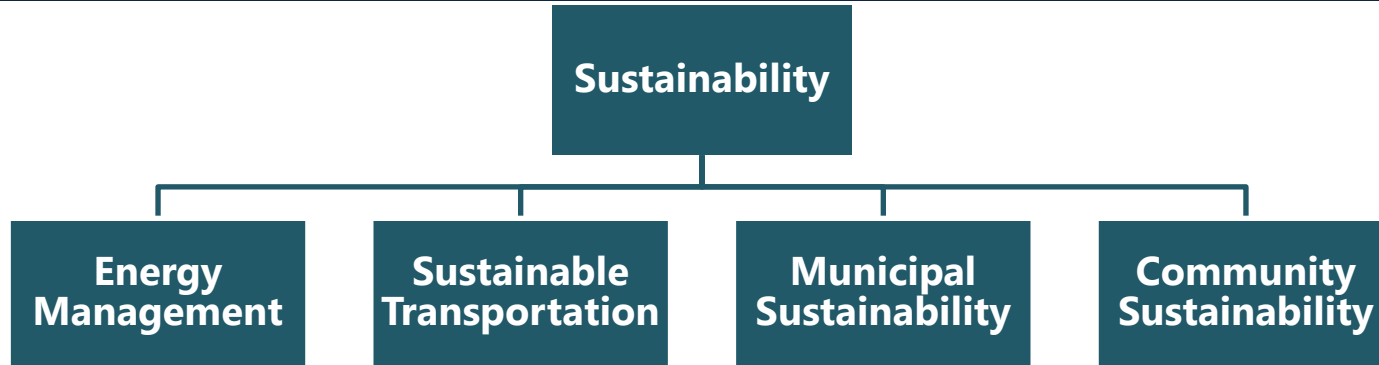
Why Office of Sustainability?



To develop and strengthen municipal and community policies and programs that protect natural resources, improve public health, and create resilient, healthy and equitable neighborhoods.



Overview of Department



SA
CLIMATE
READY

- ✓ SA Tomorrow Sustainability Plan
- ✓ Climate Action & Adaptation Plan
- ✓ Sustainable Policy & Municipal Resilience
- ✓ Energy Efficiency Fund & Building Retrofits
- ✓ Electric Vehicle Planning
- ✓ Climate Communications

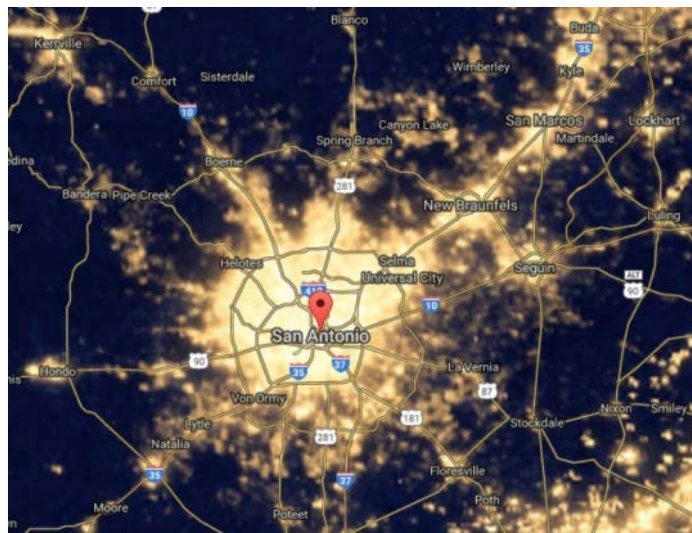
Municipal Solar Installations & Dark Sky Policy



300 kW

rooftop solar projects
at **4** municipal facilities

Dark Skies / MLOD Revision



Why SA Climate Ready?



Climate change will make life hotter and drier in San Antonio



Hurricane Harvey fueled by record heat in Gulf of Mexico



San Antonio hail storm called costliest in Texas history nearly \$1.4 billion in losses



Ruptured pipeline spills 50,000 gallons of crude oil in Bastrop County



SA
**CLIMATE
READY**

We are already seeing the impacts

SA Climate Ready



	MITIGATION	ADAPTATION
GOALS	Reduce greenhouse gas emissions	Strengthen the city against climate change impacts
What are we going to do?	Implement opportunities for energy efficiency and renewables, transportation options and waste reduction	Develop strategies to adapt to a changing climate

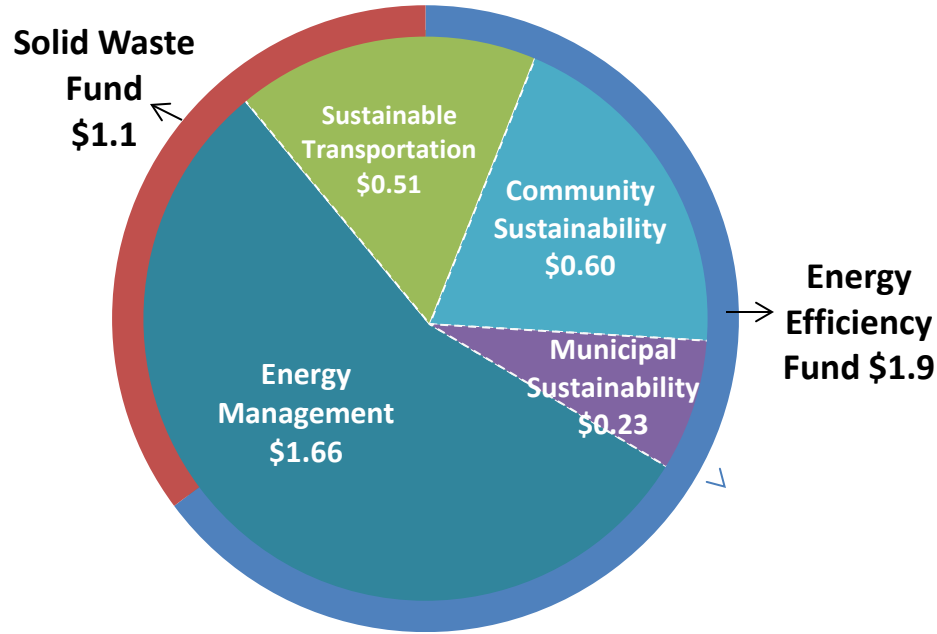


SA
CLIMATE
READY

SA Climate Ready Progress



FY 2019 Proposed Budget \$3 Million (\$ in Millions)



Fund	FY 2018	FY 2019	Change
Energy Efficiency	\$1.2	\$1.9	\$0.7
Solid Waste	\$1.0	\$1.1	\$0.1
Authorized Positions	9	9	0

Electric Vehicle Acquisition & Infrastructure Study - \$150,000

PURPOSE:

- Advance Zero Emission Vehicles to attain Ozone Standards
- Benefit from the Volkswagen Environmental Mitigation Trust

KEY DELIVERABLES:

- Strategy for fleet electrification & charging infrastructure
- City-wide Plan for EV charging infrastructure in partnership with CPS Energy
- Assessment of barriers to EV adoption



Communications & Engagement - \$50,000



PURPOSE:

- Advance Climate Awareness and Air Quality Action
- Supports Implementation of Climate and Air Quality Policies

KEY DELIVERABLES:

- Social Media Campaign
- Outreach Materials
- Public and Stakeholder Meetings



Energy Efficiency Projects in FY 2019



Interior LED Lighting Retrofits

- Lila Cockrell Theater
- Fire Training Academy

Exterior Lighting Retrofits

- Apache Creek
- Alamodome

Retro-Commissioning

- Parks Headquarters
- Police Training Academy
- Pre-K SA East



Funding: \$1.5M
CPS Rebates: \$230,000
Annual Avoided Costs: \$140,000

FY 2019 Priorities



SA Climate Ready Adoption & Implementation

SA Tomorrow Sustainability Plan
Implementation

VW Settlement Funds Action Plan

Energy Efficiency Projects

Departmental Sustainability & Climate Action
Plans

Municipal Solar Planning

Air Quality Planning Support



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