

**CITY OF SAN ANTONIO**



**FY2019**  
**PROPOSED**  
**OPERATING AND**  
**CAPITAL BUDGET**

# OFFICE OF SUSTAINABILITY



Presented August 21, 2018 by

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

Chief Sustainability Officer

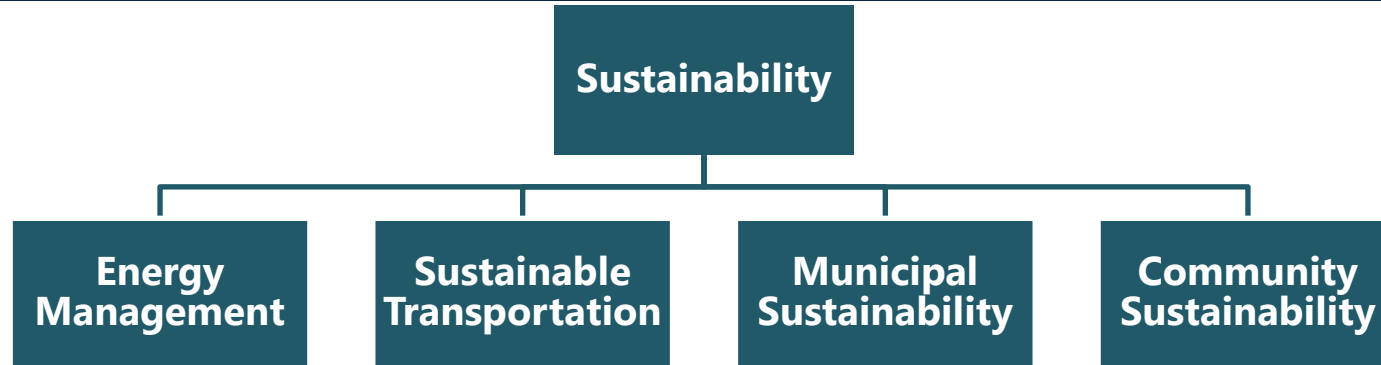
# Why Office of Sustainability?



**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

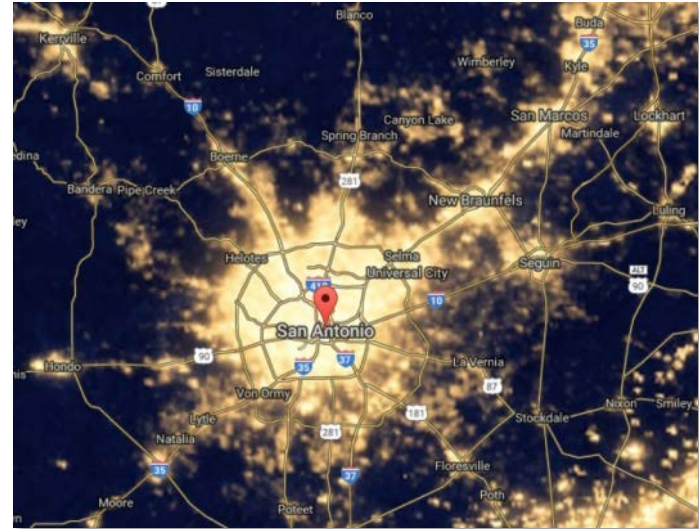
# Municipal Solar Installations & Dark Sky Policy



**300 kW**

rooftop solar projects  
at **4** municipal facilities

## Dark Skies / MLOD Revision



# Why SA Climate Ready?



**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  |

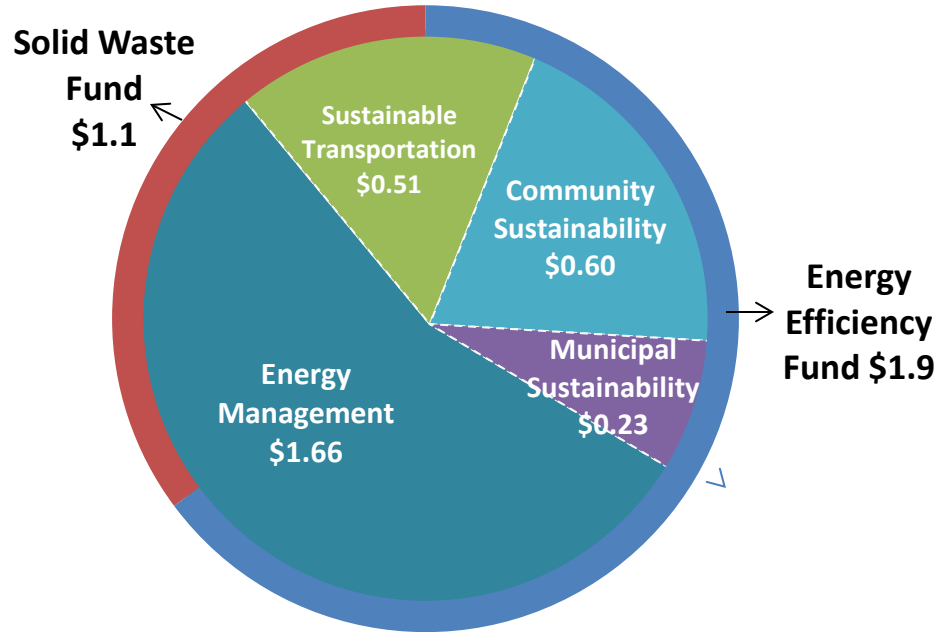


**SA**  
**CLIMATE**  
**READY**

# 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



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SA Climate Ready Adoption & Implementation

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SA Tomorrow Sustainability Plan  
Implementation

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VW Settlement Funds Action Plan

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Energy Efficiency Projects

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Departmental Sustainability & Climate Action  
Plans

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Municipal Solar Planning

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Air Quality Planning Support

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