



Climate and Efficiency Revolving Funds

To reduce operational costs and GHG emissions



Limited dedicated funds to make city facilities more sustainable



New opportunities in renewables + resilience



Pressure on general fund means there is a need to reduce operational costs

Context

Precedents

Revolving funds are not a new idea, and many communities across the country have successfully implemented them to address challenges like those we face in Austin.



San Antonio



Philadelphia



Harris County



Portland



Seattle



Case Study: San Antonio

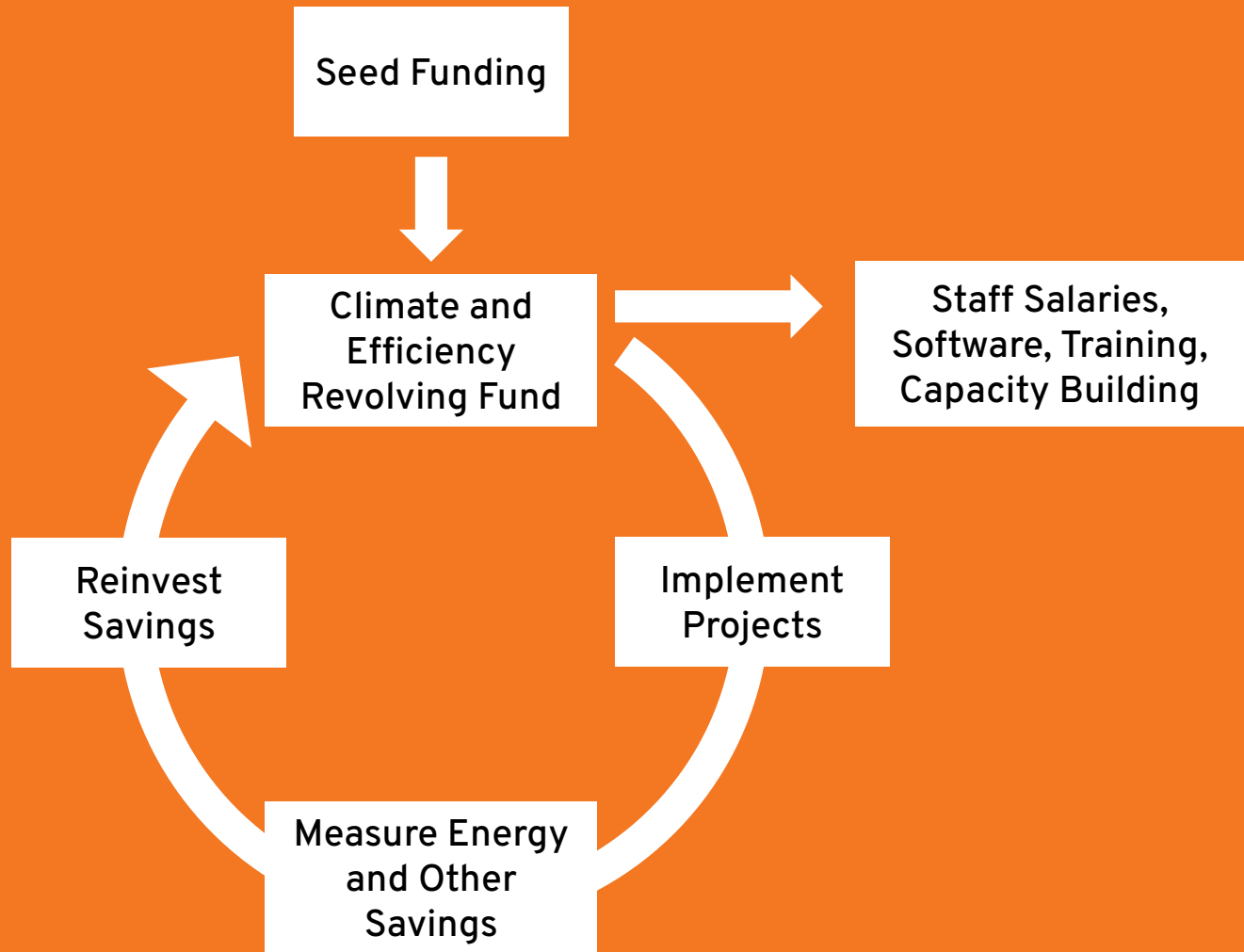
- Energy Efficiency Fund seeded in 2009 with \$12 million in ARRA funds
- 432 energy projects in 190 facilities completed by 2023
- Annual avoided cost savings of \$1.7m
- Projects include lighting, HVAC equipment and controls, solar window film, pool pump upgrades, etc.
- In 2023, \$30m investment in solar, savings to be rolled into fund

A photograph of the Harris County Courthouse, a large, ornate building with a prominent dome and classical architectural features. The building is surrounded by trees and a modern building is visible in the background. A white banner with black text is overlaid on the image.

Case Study: Harris County

- Revolving Energy Efficiency Fund established in 2023 with one FTE
- No direct funding for projects, captures savings from already funded capital projects
- Savings (tax credits, utility rebates, energy savings) from projects flow into fund
- Fund pays for things complementary to projects (training, salaries, tools)

How it Could Work





Energy Efficiency

Lighting retrofits, HVAC upgrades, weatherization



Renewable Energy

Solar, batteries



Fleet Electrification

Electric vehicles and charging infrastructure

Example Projects

Example Projects

LED Lighting Retrofit in an Office Building

Upfront Cost: \$300,000

Annual Savings: \$75,000

Simple Payback Period: 4 years

Lifespan: 10-15 years

Solar Array on a Library

Upfront Cost: \$95,340 (incl 30% tax credit)

Annual Savings: \$13,913

Simple Payback Period: 6.8 years

Lifespan: 25-30 years

- As the initial investment is paid off, savings can be returned to the fund and can be reinvested into other projects.
- After the investments are paid off, the projects continue to generate annual savings for the remainder of their lifespans.



Thank you.

Do you have any questions?



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