

# Arkansas EECBG Assistance Webinar Series

## Energy Efficient Streetlights & Building Retrofits

ICLEI  
LOCAL GOVERNMENTS FOR SUSTAINABILITY  
USA



# Introduction of Speakers

Ryan Foshee, Regional Officer  
ICLEI-Local Governments for Sustainability

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Howdy again!

Marty Howell, Sustainability Program Manager  
City of El Paso, TX

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Katherine Barnett, Utility Special Projects Coordinator  
City of Denton, TX



# What is ICLEI – Local Governments for Sustainability?

Association of local governments (cities and counties)

Originally named “International Council for Local Environmental Initiatives”

600+ U.S. members, 1200+ total membership

We provide planning expertise, technical assistance, and other guidance for local governments interested in environmental and economic development opportunities.



# My Goal

That everyone who watches this web series will win grant money in the EECBG Program for Arkansas Small Cities and Counties – and use it to better their community!

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# Where'd You Get All That Energy?



# Energy Defined

The capacity of a physical system to perform work.

– About.com

That certain something that makes everything happen.

– Dave Watson

**1a** : dynamic quality <narrative energy>

**b** : the capacity of acting or being active <intellectual energy>

**c** : a usually positive spiritual force <the energy flowing through all people>

**2** : vigorous exertion of power, effort <investing time and energy>

**3** : a fundamental entity of nature that is transferred between parts of a system in the production of physical change within the system and usually regarded as the capacity for doing work

**4** : usable power (as heat or electricity); *also* : the resources for producing such power.

– Merriam Webster



# Eligible Activities

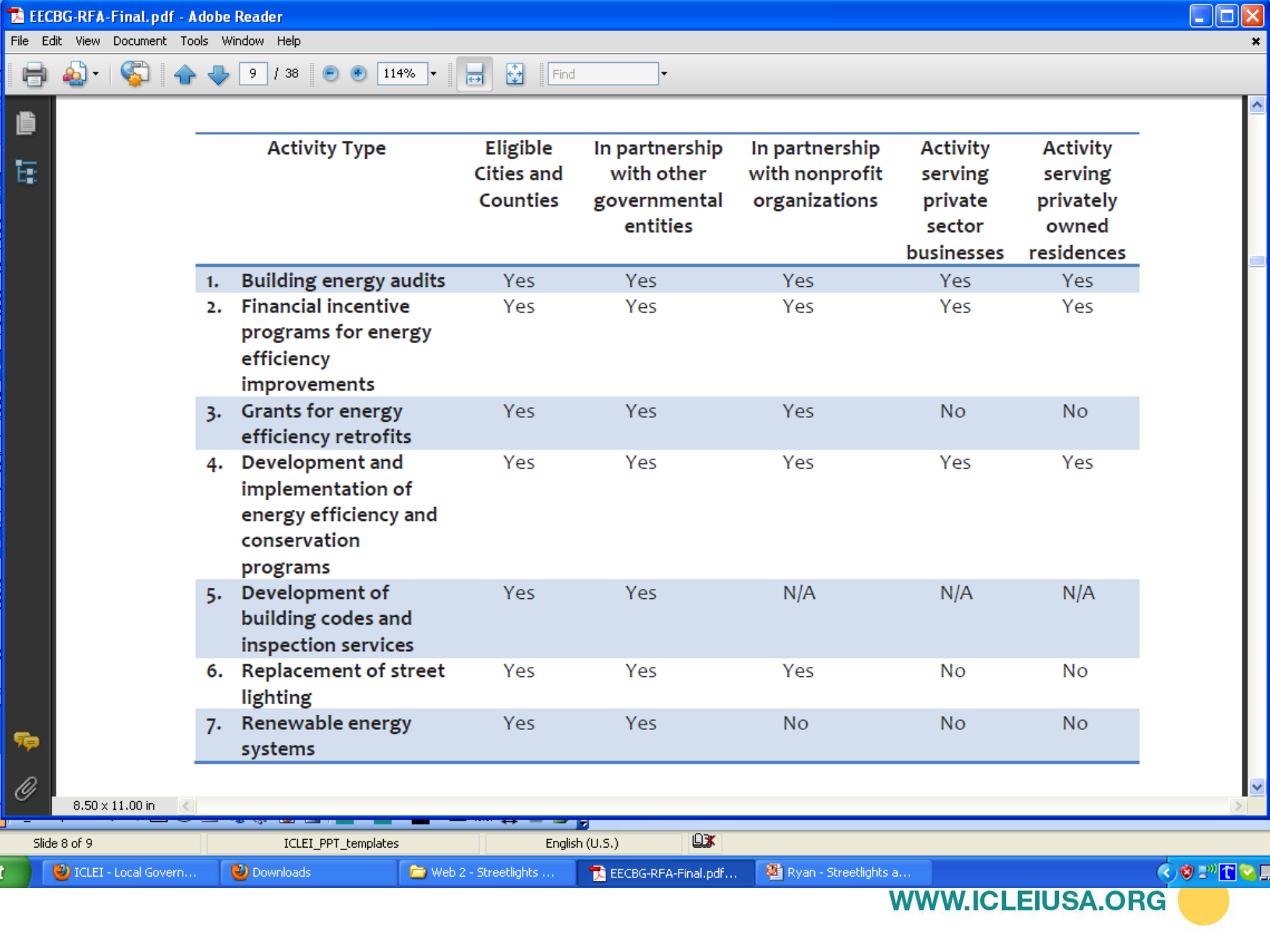
## Streetlights

- Eligible Activity #6. Replacement of street lighting with energy efficient technologies.
- Simple, solid project
- Decent to good savings
- Combine with other projects for success

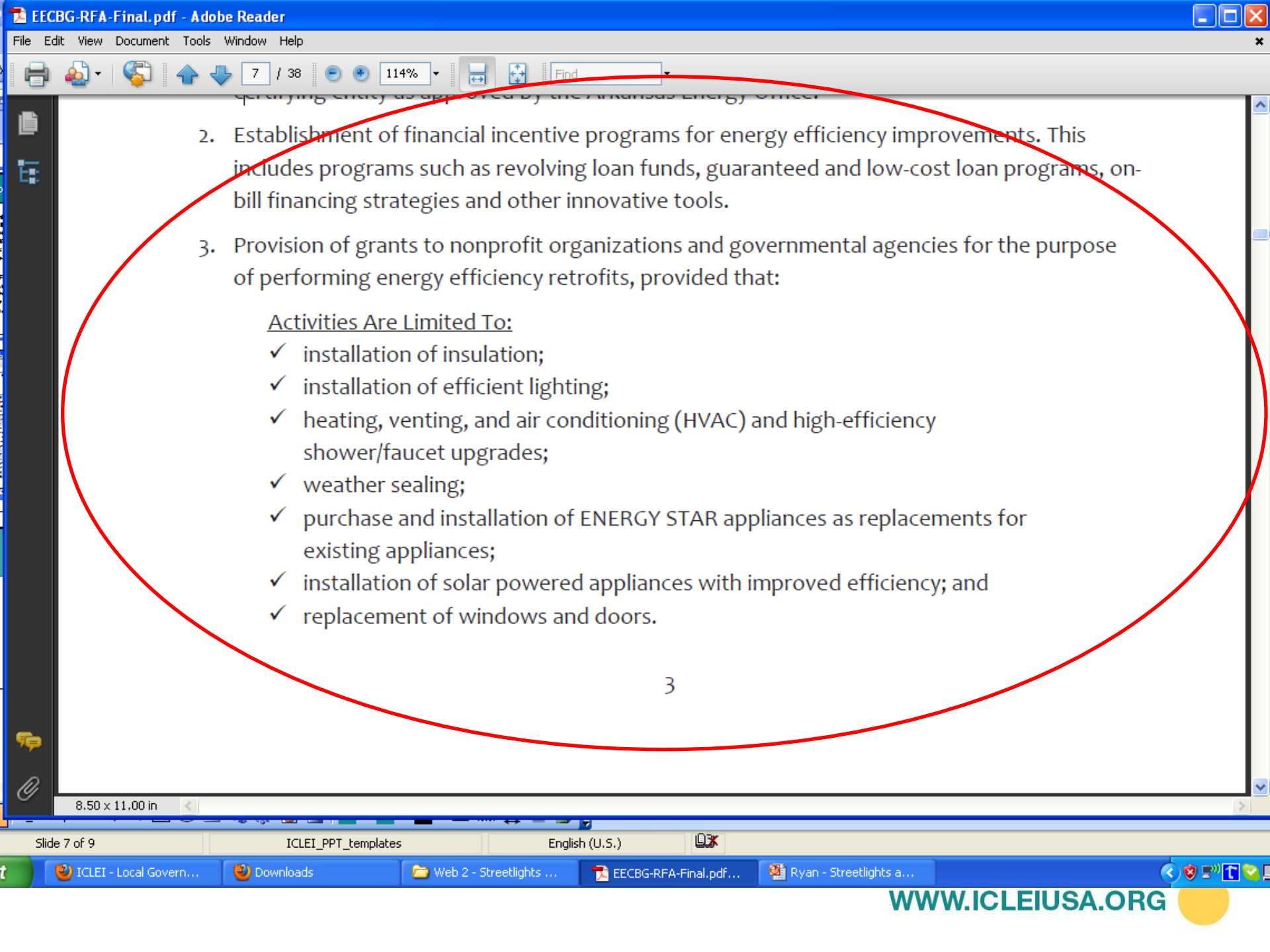
## Building Retrofits

- City/county buildings are easiest, same scenario as streetlights
- Contract an auditor if possible
- Possibility of community retrofit program





Activity Type	Eligible Cities and Counties	In partnership with other governmental entities	In partnership with nonprofit organizations	Activity serving private sector businesses	Activity serving privately owned residences
1. Building energy audits	Yes	Yes	Yes	Yes	Yes
2. Financial incentive programs for energy efficiency improvements	Yes	Yes	Yes	Yes	Yes
3. Grants for energy efficiency retrofits	Yes	Yes	Yes	No	No
4. Development and implementation of energy efficiency and conservation programs	Yes	Yes	Yes	Yes	Yes
5. Development of building codes and inspection services	Yes	Yes	N/A	N/A	N/A
6. Replacement of street lighting	Yes	Yes	Yes	No	No
7. Renewable energy systems	Yes	Yes	No	No	No



2. Establishment of financial incentive programs for energy efficiency improvements. This includes programs such as revolving loan funds, guaranteed and low-cost loan programs, on-bill financing strategies and other innovative tools.

3. Provision of grants to nonprofit organizations and governmental agencies for the purpose of performing energy efficiency retrofits, provided that:

Activities Are Limited To:

- ✓ installation of insulation;
- ✓ installation of efficient lighting;
- ✓ heating, venting, and air conditioning (HVAC) and high-efficiency shower/faucet upgrades;
- ✓ weather sealing;
- ✓ purchase and installation of ENERGY STAR appliances as replacements for existing appliances;
- ✓ installation of solar powered appliances with improved efficiency; and
- ✓ replacement of windows and doors.

# Some Great Examples Followed by Questions

My goal: that everyone who watches this web series will win grant money in the EECBG Program for Arkansas Small Cities and Counties – and use it to better the world.

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