

# Climate Action Plan & Lighting Upgrades

## ARPA Fiscal Health Challenge Project Proposal

Department of Administrative Services  
Facilities Management Division  
Office of Sustainability

March 17, 2022



# Recommendation

Allocate \$2,171,566 in ARPA funding to support two new initiatives by the Office of Sustainability:

- 1) \$220,000 to develop the Climate Action 2050 Plan for Milwaukee County operations
- 2) \$1,951,566 to launch a lighting upgrades program in Milwaukee County buildings



# Climate Action 2050 Plan

**What** Roadmap for reducing & offsetting greenhouse gas emissions & adapting to climate change

**Where** All Milwaukee County operations including transit

**Why**

- Supports [carbon neutrality policy](#)
- Helps reduce climate risks & costs



# Lighting Upgrades Program

**What** Survey & replace older inefficient lighting systems

**Where** Milwaukee County buildings TBD (~3 million sft)

**Why**

- Provides training & job opportunities
- Creates career path for trades & FM
- Saves ~\$258,664 & 861,832 kWh/year



# Project Stakeholders

## Elected Officials

County Exec.

County Board

Other Officials

## Departments

Leadership

Staff

Sustainability  
Task Force

## Community

Residents

Tenants

CCTFCEE

Partners



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COUNTY**

# Alignment with Strategic Plan

The proposed project will support Milwaukee County's vision & strategic plan for racial & health equity by:

- Engaging diverse stakeholders throughout project
- Seeking participants from underrepresented communities
- Emphasizing strategies & actions with equity benefits
- Upskilling unemployed/underemployed workers



# Success Measures

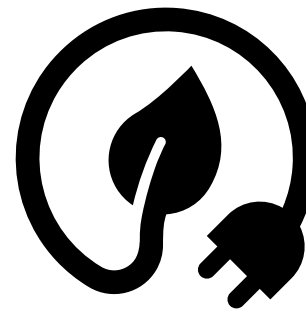
## Climate Action Plan



# community workers who live in QCTs



% community workers interested in trades

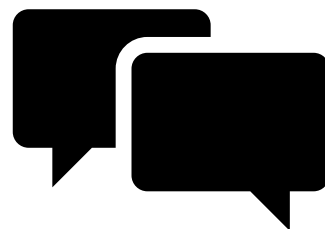


Annual energy reduction (kWh)

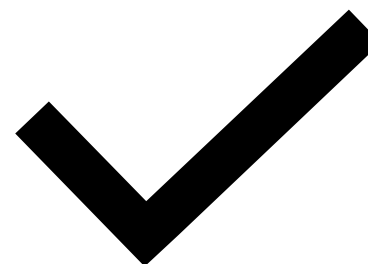


Annual cost savings

## Lighting Upgrades Program



Stakeholder engagement



Formal adoption of plan



# Next Steps & Timeline

Target Date	Climate Plan	Lighting Upgrades
Spring 2022	Administer RFPs & select vendors	
Summer 2022	Hold initial meeting(s) Publish technical reports	Hold initial meeting(s) Develop training curriculum Recruit & train Cohort #1
Fall 2022	Draft goals & objectives Seek stakeholders' feedback	Begin lighting surveys & upgrades Recruit Cohort #2
Winter 2022-2023	Draft strategies & actions Seek stakeholders' feedback	Winter 2022-2023 through 12/31/26: Recruit & train new cohorts every six months (10 total) Continue lighting survey & upgrades
Spring 2023	Develop implementation & monitoring program	
Summer 2023	Draft Climate Action 2050 Plan Seek stakeholders' feedback	
Fall 2023-12/31/26	Finalize Climate Action 2050 Plan Begin implementation & monitoring	







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