

# EMPOWER

Equitable Mobility Powering Opportunities for  
Workplace Electrification Readiness: **EMPOWER**

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Project ID: TI149

June 14, 2023

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otherwise restricted information*



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# Outline

1. Project Overview
2. Objectives
3. Approach
4. Milestones
5. Project Accomplishments and Progress
6. Collaboration and Coordination Among Project Team
7. Project Structure
8. Wrap up



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# Project Overview

- **Timeline**
  - April 1, 2022
  - June 30, 2025
  - 30% complete
- **Total project funding: \$5,018,141**
  - DOE Share: \$3,970,539
  - Contractor Share: \$1,047,602
- **Funding for FY2022: \$1,626,833 (total)**
- **Funding for FY2023: \$1,813,271 (total)**
- **Barriers**
  - Reliable access to at-home charging
  - Easily accessible information and technical assistance for workplaces to install charging
  - Lack of training for onsite staff to manage installed chargers
- **Project Partners**
  - Columbia-Willamette Clean Cities (prime)
  - 30 Clean Cities coalitions across the country
  - East Tennessee Clean Fuels (ETCF)
  - Geaux Green / Charger Help
  - Shift2Electric
  - Small Electric Power Alliance (SEPA)
  - Cerritos College
  - Center for Sustainable Energy (CSE)
  - The Cadeo Group
  - ICF



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# Objectives

## Objective

- The project seeks to accelerate interest and support for workplace charging to advance electric vehicle (EV) adoption that will reduce petroleum use and greenhouse gas emissions

## Support of VTO Tech Goals

- Improve Fuel Diversity: greater adoption of EVs and reduced use of petroleum transportation fuel
- Increasing Local Resiliency: reducing peak time charging of EVs through daytime charging at the workplace
- Reducing Greenhouse Gas Emissions: increasing alternative fuel use in the consumer sector

## Impact

- Address gaps in access to at-home charging for employees charging at workplace chargers
- Expand EV options for underserved communities
- Evaluate reduced impacts of peak EV charging demand on utilities
- Accelerate greater EV sales nationally
- Create recognition for workplaces installing workplace charging
- Training for workplace staff to manage chargers



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# Approach

**Start:**  
April 1, 2022



**Planning and preparing for implementation** by developing resources, launching resource site, training Clean Cities for outreach.

\*Implementation began Month 9 of BP1 (January, 2023).

July 1, 2023



## Implementation of Outreach

Contacting employers to share information around workplace charging and collect workplace charging installation commitments.

July 1, 2024



**Succession planning and wrap-up**

**Finish:**  
June 30, 2025

# Milestones

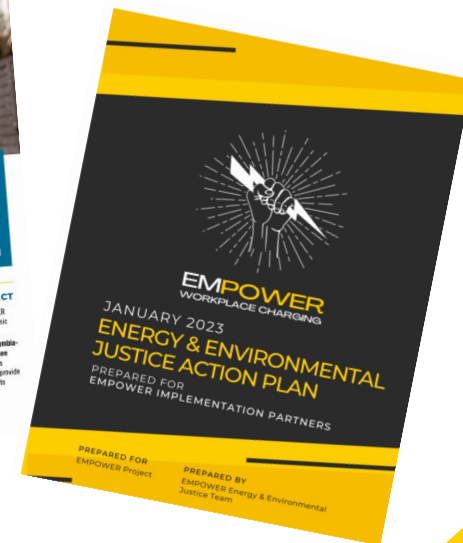
Milestone	Type	Description	Status
M1.2 Evaluation Plan	Technical	Employer interest evaluation plan completed.	Complete
M1.5 Launch Workplace Resource Center	Technical	Workplace Charging Resource Center (WCRC, an online platform) launched and available to the public.	Complete
M1.5.1 Health and Environmental Benefits Information	Technical	Health and environmental benefits information released on website.	Complete
M1.6 Develop employer outreach list	Technical	Final list of employer organizations completed.	In-Progress
Complete outreach / dissemination plan	Go/No-go	Outreach plan for broadly disseminating the project approach and learnings such that other communities can replicate project successes completed.	In-Progress



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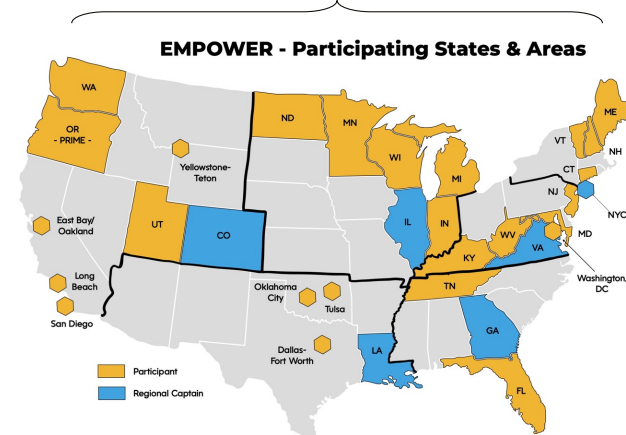
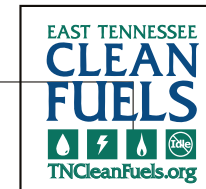
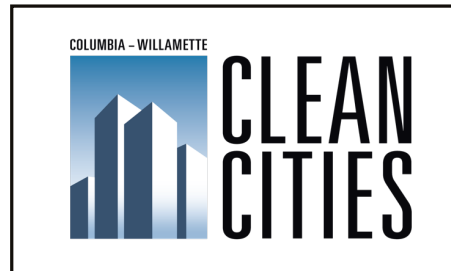
# Project Accomplishments and Progress

- First two workplace charger commitments secured by partner Virginia Clean Cities, an added bonus is these meet EEJ metrics of the project
- Completed project-wide EEJ Action Plan
- Launched workplace charging resource center landing page ([www.workplacecharging.com](http://www.workplacecharging.com))
- Formally kicked off outreach implementation phase
- Trained 30 Clean Cities Coalition Implementation Partners on engagement with workplaces, including providing technical assistance
- Finalized project-wide outreach flyer
- Finalized Market Barriers Report and project Evaluation Plan
- All project partners contracting complete (March 2023)



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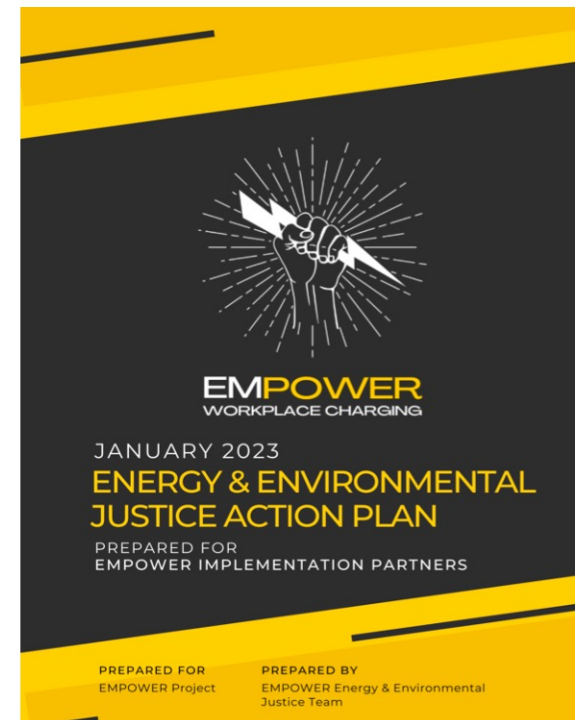
# Collaboration and Coordination Among Project Team





# Contribution to Energy Equity and Environmental Justice

- Focuses project work in communities subjected to historical disinvestment and overburdened with pollution
- Outlines how the project defines Equity for 40% goal, aligning with Justice40 Initiative
- EMPOWER Energy Equity and Environmental Justice (EEJ) Action Plan developed by EEJ Working Team
- Describes how the project will center equity in design and outreach





# Summary

- The project has met the Go-No Go milestone for BP1
- The project is on-schedule and already engaging workplaces
- Columbia-Willamette Clean Cities is adapting the project for continuous improvement



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