

February 27, 2024

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# Accelerating Clean Transportation For All

ACT4ALL 2 WEBINAR



# Agenda Overview

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1. Background
2. Topic Areas
3. Eligibility
4. Application Overview
5. Selection Criteria
6. Application Resources
7. Questions & Answers

# Our Team

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**Rhys Webb**  
Program Manager



**Elijah Sinclair**  
Program Manger



**Laila Hurd**  
Clean Transportation Fellow



**Nahlia Yefet**  
Program Administrator



**Soumya Atnoor**  
Program Administrator

# About MassCEC

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MassCEC funds climate solution innovation to meet Massachusetts' emission reduction goals while growing the state's clean energy economy.

## OUR FOCUS

MassCEC funds climate solution innovation to meet Massachusetts emission reduction goals while growing the state's clean energy economy.



**High-Performance  
Buildings**



**Net-Zero Grid**



**Clean Transportation**



**Offshore Wind**

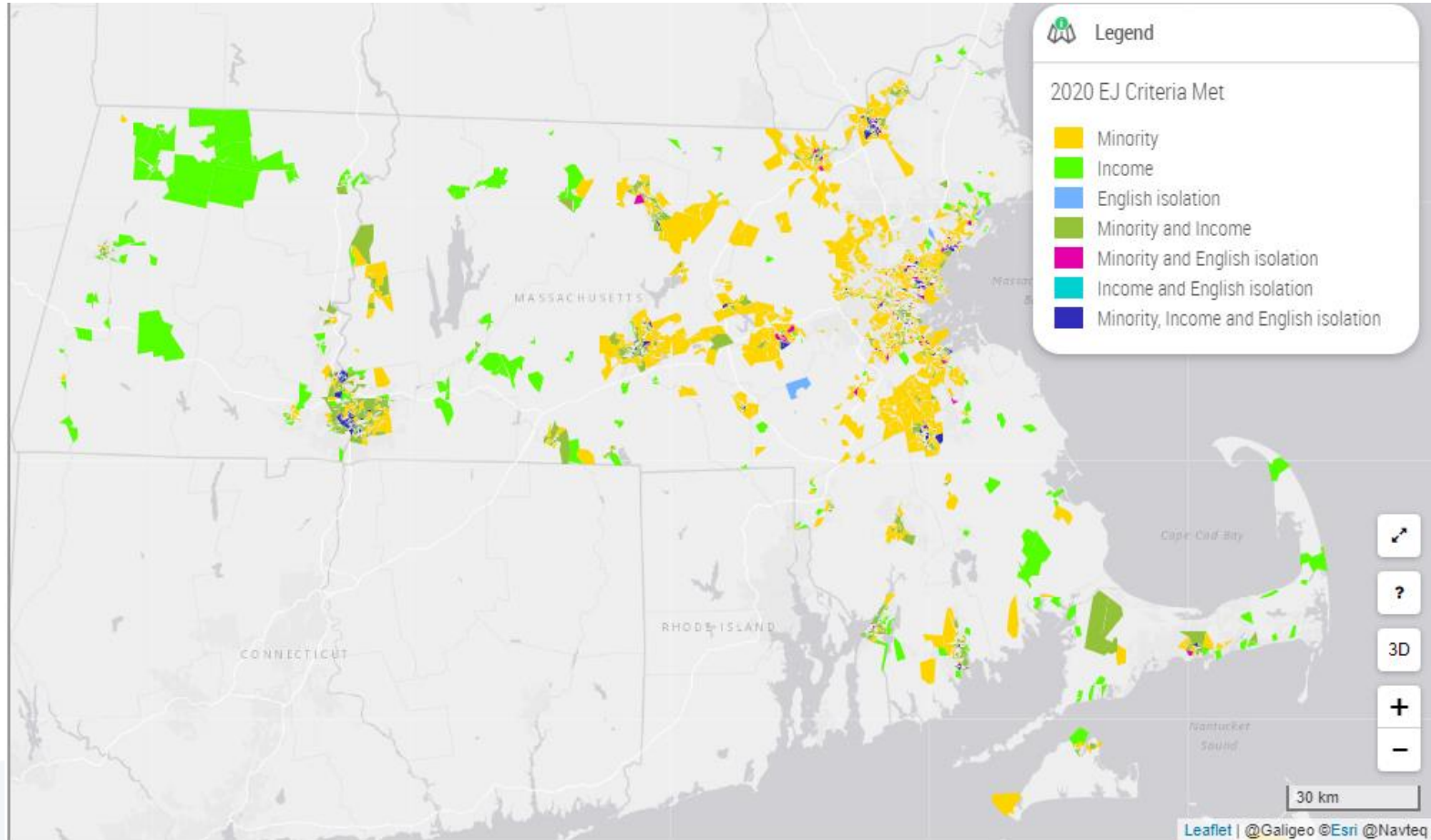
# The Challenge

## The Problem:

- ▶ Impacts of pollution are not felt equally across the state
- ▶ People of color experience **26-36%** more vehicle pollution (PM<sub>2.5</sub>) than white residents

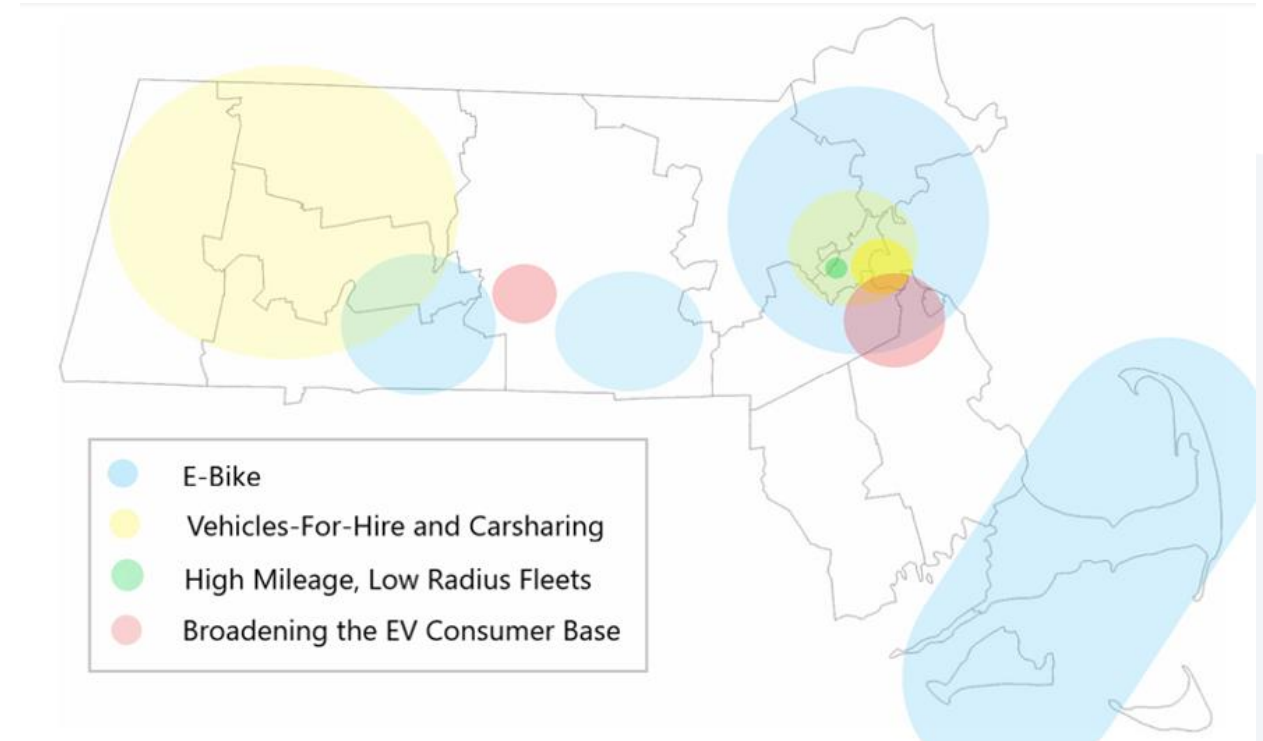
## Our Mission:

- ▶ Ensure equitable benefits to underserved and overburdened populations
- ▶ Address inequities in the clean transportation sector and further Massachusetts' climate and equity goals



# Accelerating Clean Transportation For All

- ▶ First program round was launched in 2022
  - Funded 10 projects totaling \$5 million
- ▶ Topic areas of projects included
  - Electric bikes
  - EV consumer education
  - Ride-for-hire electrification and incentives
  - E-cargo bike delivery
- ▶ Results of ACT4All Round 1
  - 9 Pilot Projects currently running
  - 512 e-bikes deployed
  - 9 electric rideshare vehicles on the road



# ACT4All 2 RFP Overview

## ► Funding:

- \$7 million total
- Individual grants of **\$500K-\$1M**

## ► Goals:

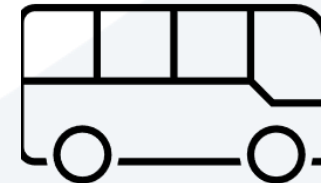
- Demonstrate scalable and equitable paths to decarbonization in the transportation sector;
- Maximize GHG emissions reductions, health, and economic benefits in overburdened areas and increase clean transportation access for underserved populations;
- Demonstrate efficient and effective program delivery, community partnership, and/or implementation models that both reach and meaningfully include Priority Populations; and
- Represent the diversity of Massachusetts communities, from a geographic, demographic, and socioeconomic lens.

**Successful projects will be replicable, scalable, innovative, and equitable**

## TOPIC AREAS



**ELECTRIC VEHICLE CHARGING  
STATION ACCESS**



**REGIONAL TRANSPORTATION  
AUTHORITY DECARBONIZATION**



**EXPANDING ACCESS TO  
ECONOMIC OPPORTUNITIES**

# Topic Areas





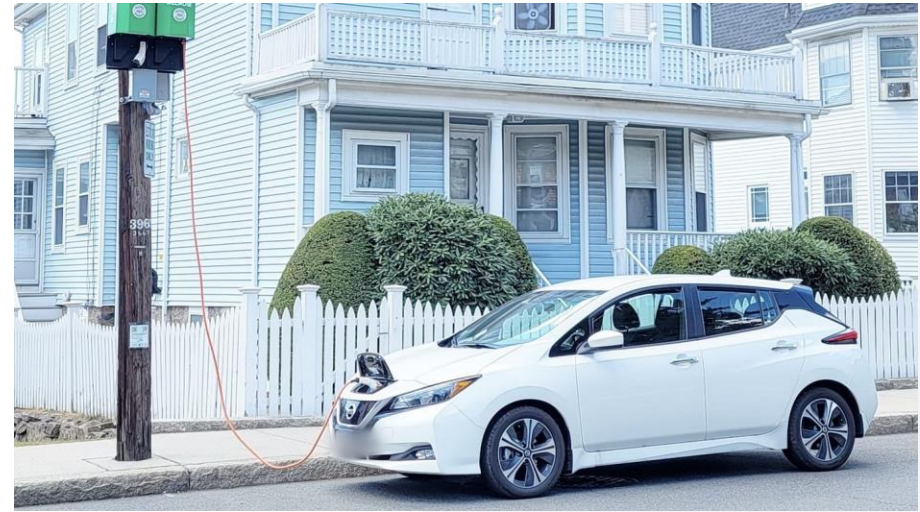
# Topic Area 1: EV Charging Station Access

## ► Topic:

- Expand access to EV charging stations for residents without a dedicated driveway, garage, or parking spot

## ► Priority Populations:

- Residents without access to at-home EV charging capabilities
- Residents of low- and moderate-income housing complexes and multi-unit dwellings
- Renters
- Residents of public housing complexes



# Topic Area 2: RTA Decarbonization

## ► Topic:

- Reduce vehicle emissions associated with Regional Transit Authorities (“RTAs”) and/or expand access to public clean transportation for underserved and overburdened communities.

## ► Priority Populations:

- Urban and rural communities who would benefit from access to clean public transportation
- Older adults and/or people with disabilities
- Low- and moderate-income communities





# Topic Area 3: Expanding Access to Economic Opportunities

## ► Topic:

- Expand access to clean transportation careers and develop capabilities to better reduce transportation and workforce burdens for individuals in Priority Populations.

## ► Priority Populations:

- Workers in need of upskilling and/or education in clean transportation technology to accommodate additional role responsibilities
- Rural communities
- Low- and moderate-income communities



# Topic Area 4: Other

## ► Topic:

- Projects that do not fit under the predefined Topic Areas but support the goals of the ACT4All 2 Program
- Results in equitable emissions reductions in subsectors/methods unexplored in other Topic Areas

## ► Priority Populations:

- Any defined Priority Population that is not met by other Topic Areas



# Eligibility

## ► Eligible Technologies

- Must have achieved a Technology Readiness Level (TRL) of 9
- Must have achieved a Commercial Readiness Level of **at least 7**

TECHNOLOGY READINESS LEVEL (TRL)	
DEPLOYMENT	9 ACTUAL SYSTEM PROVEN IN OPERATIONAL ENVIRONMENT
	8 SYSTEM COMPLETE AND QUALIFIED
	7 SYSTEM PROTOTYPE DEMONSTRATION IN OPERATIONAL ENVIRONMENT

## ► Eligible Applicants

- Applicants are encouraged to form teams comprised of multiple entities
  - Will work together on a proposed project with one entity designated as the Lead Applicant



# Application Materials

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- ▶ Attachment A: Authorized Applicant Signature and Acceptance Form
  - ▶ Attachment B: Project Narrative
  - ▶ Attachment C: Project Workplan and Budget
  - ▶ Signed Letter of Intent
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## Optional

- ▶ Supplementary Workplan and Budget
  - To demonstrate the projects scalability at an award value of \$1,500,000
- ▶ Original Equipment Manufacturer (“OEM”): provided technology key components spec sheet(s), if applicable
- ▶ Letters of Support
  - From relevant stakeholders not on the Application Team, such as community stakeholders or transportation advocacy groups
- ▶ Contract Template Comments

# Attachment B: Project Narrative

## ➤ 8 Total sections

- Project Overview
- Executive Summary
- Innovation and Implementation
- Equity and Priority Population Benefits
- Replicability and Scalability
- Applicant Team Commitment and Qualifications
- Monitoring and Verification Plan
- Signed Letter of Intent and (optionally) Support

## ➤ Project Narrative

- Fillable sections
- Address all questions in response

<b>2. <u>Executive Summary (1-page maximum)</u></b>
<i>Provide a <b>brief</b> overview of the proposed pilot program, <u>including</u></i>
<ul style="list-style-type: none"><li>• <i>How is the project equitable? What Priority Populations will be included and served? How will Priority Populations benefit from the proposed project?</i></li><li>• <i>How is the project innovative? What is the innovative technology, business model, program structure, etc. that the project will demonstrate?</i></li><li>• <i>How can the proposed project be replicated and scaled up?</i></li><li>• <i>What are the goals of the project and what will project success look like? How will success be measured?</i></li><li>• <i>How is the Applicant Team <u>well-suited</u> to implement the project proposed?</i></li></ul>
Click or tap here to enter text.

# Attachment C: Project Workplan and Budget

- ▶ Project milestones will track and demonstrate project progress and operational performance and are:
  - Specific
  - Chronological
  - Clear
- ▶ Project Awards will be between **\$500K-\$1M**

- ▶ Deliverables are proof that milestones have been met and completed and are:
  - Granular when necessary
  - General where allowable
  - Clear

Milestones and Deliverables						
				TOTALS:	\$15,000	\$5,500
Milestone Number	Milestone Name	Deliverables	Completion Date MM/YYYY	Grant Amount \$	Cost Share \$	
0	(Example) Quarterly Reports	Quarterly Reports to include projects status summaries	Quarterly beginning August 2024	\$10,000	\$3,000	
0	(Example) EVSE Purchase	EVSE purchase order and site installation map	January 2025	\$5,000	\$2,500	
1						
2						
3						
4						
5						
6						



# Selection Criteria

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## Primary Selection Criteria

Alignment with Program Goals

Innovation and Implementation

Equity & Priority Population Benefits

Replicability & Scalability

Applicant Team Commitment and Qualifications

Monitoring and Verification Plan

# Application Resources



# Financial Assistance Grants

MassCEC is accepting Financial Assistance Grant Applications for **\$7,500** on a rolling basis until **May 15, 2024**

If approved, MassCEC will send your team a **Letter Agreement**

<b>Eligible Applicants</b>	Community-based organizations, non-profits, and towns and municipalities
<b>Funding Structure</b>	\$7,500 grants - \$2,000 paid once the Letter Agreement is signed and \$5,500 paid once the ACT4All 2 application is submitted
<b>Available Funding</b>	Applications will be accepted on a rolling basis until 1 month before the ACT4All 2 Application deadline
<b>Application Process</b>	Complete the Financial Assistance Grant Application and email it to <a href="mailto:CleanTransportation@MassCEC.com">CleanTransportation@MassCEC.com</a>

# Pre-Application Concept Paper

- Pre-Application Concept Papers
  - Available to all applicants that want feedback prior to submitting a complete ACT4All 2 Application
- Concept Papers accepted on a rolling basis until **April 30, 2024**
- Submitting a concept paper **DOES NOT** guarantee application awards
- **Applicants applying to Topic Areas 3 and 4 are strongly encouraged to submit a Pre-Concept Paper**

Anticipated Proposal Title	Click or tap here to enter text.
<b>Applicant Details</b>	
Lead Organization Name, Type	Click or tap here to enter text.
Lead Contact Name, Preferred Pronouns, Title	Click or tap here to enter text.
Lead Contact Email, Phone Number	Click or tap here to enter text.
Partner Organization Name, Type, Contact Name, Preferred Pronouns, Email	Click or tap here to enter text.
Partner Organization Name, Type, Contact Name, Preferred Pronouns, Email	Click or tap here to enter text.
Partner Organization Name, Type, Contact Name, Preferred Pronouns, Email	Click or tap here to enter text.
<b>Project Overview</b>	
Total Proposed Budget	\$ Click or tap here to enter text.
Proposed Project Location	Click or tap here to enter text.
Eligible Project Topic Area (see RFP Appendix 1 for a description of the Topic Areas)	<input type="checkbox"/> Electric Vehicle Charging Station Access <input type="checkbox"/> Regional Transit Authority Electrification <input type="checkbox"/> Expanding Access to Economic Opportunities <input type="checkbox"/> Other: Click or tap here to enter text.
Description of Applicant Team experience with Priority Populations	Click or tap here to enter text.

# Collaboration Platform


► Join Our [Slack Channel](#)


- Intended to provide prospective applicants with a forum to share ideas and form partnerships
- Connect on all things ACT4All 2 or just on your specific Topic Area



## Sign in to ACT4All 2 - MassCEC

act4all2-masscec.slack.com

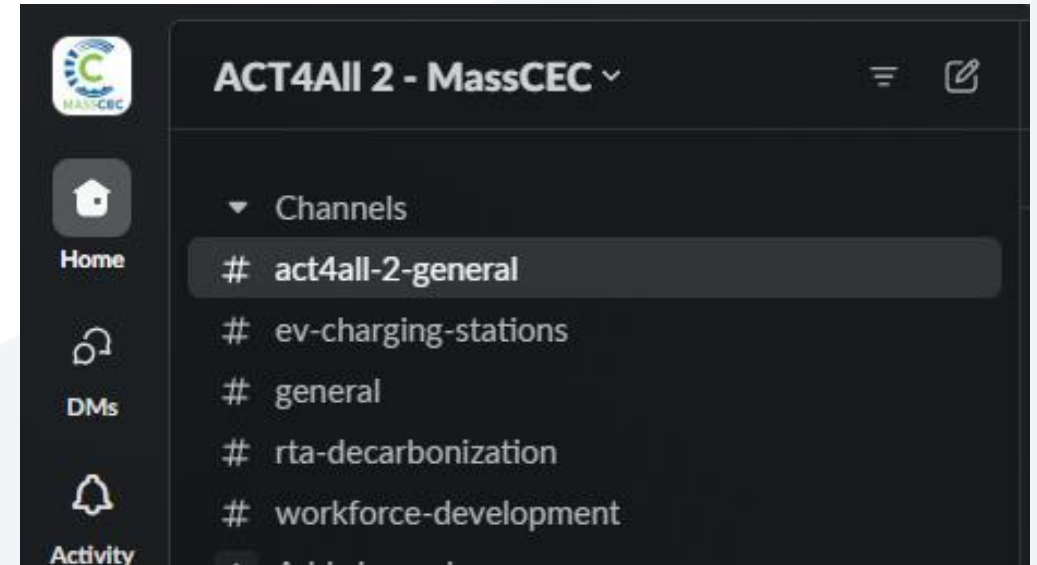
 Sign In With Google

 Sign In With Apple

OR

name@work-email.com

Sign In With Email



# Office Hours

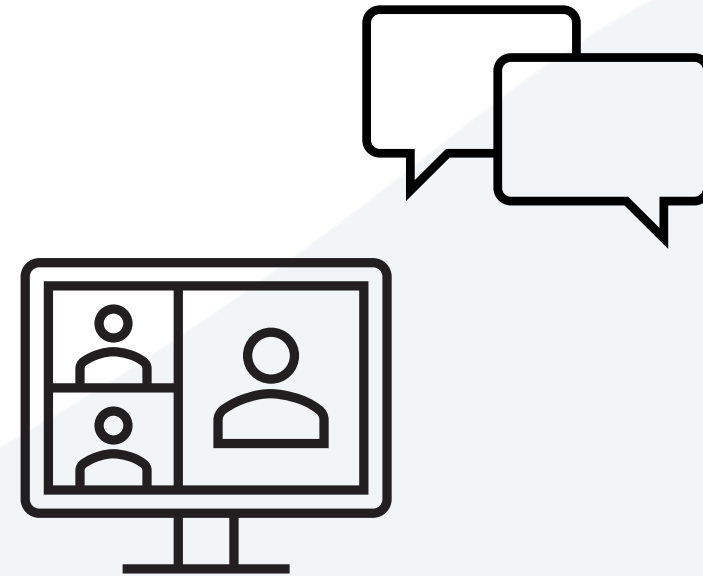
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➤ Individual Office Hours will be held biweekly on Teams

○ Sign Up for a 15-minute slot [here](#)

➤ Office Hours Dates and Times:

- March 8, 2024      12-2PM ET
- March 22, 2024    12-2PM ET
- April 2, 2024      11AM-1PM ET
- April 16, 2024     11AM-1PM ET
- May 2, 2024        4-6PM ET
- May 16, 2024      4-6PM ET



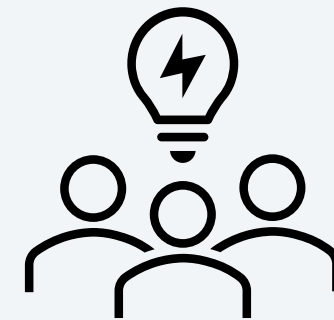
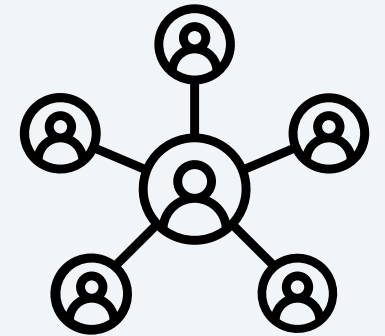
# Group Information Sessions

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- ▶ Group Sessions will be held for each topic area
  - Sessions will allow attendees to network and share ideas and questions on specific topic areas

## Register for your Topic Area Here:

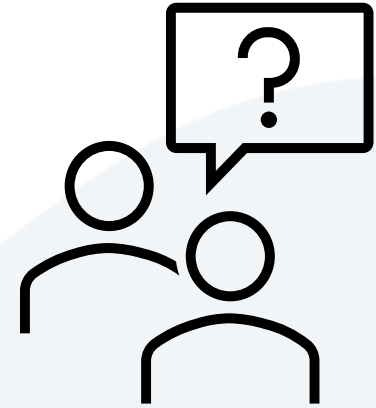
- ▶ [RTA Decarbonization](#) – **March 12 @ 12pm**
- ▶ [Expanding Access to Economic Opportunities](#) - **March 15 @ 12 pm**
- ▶ [EV Charging Station Access](#) - **March 18 @ 12pm**



# Application Questions

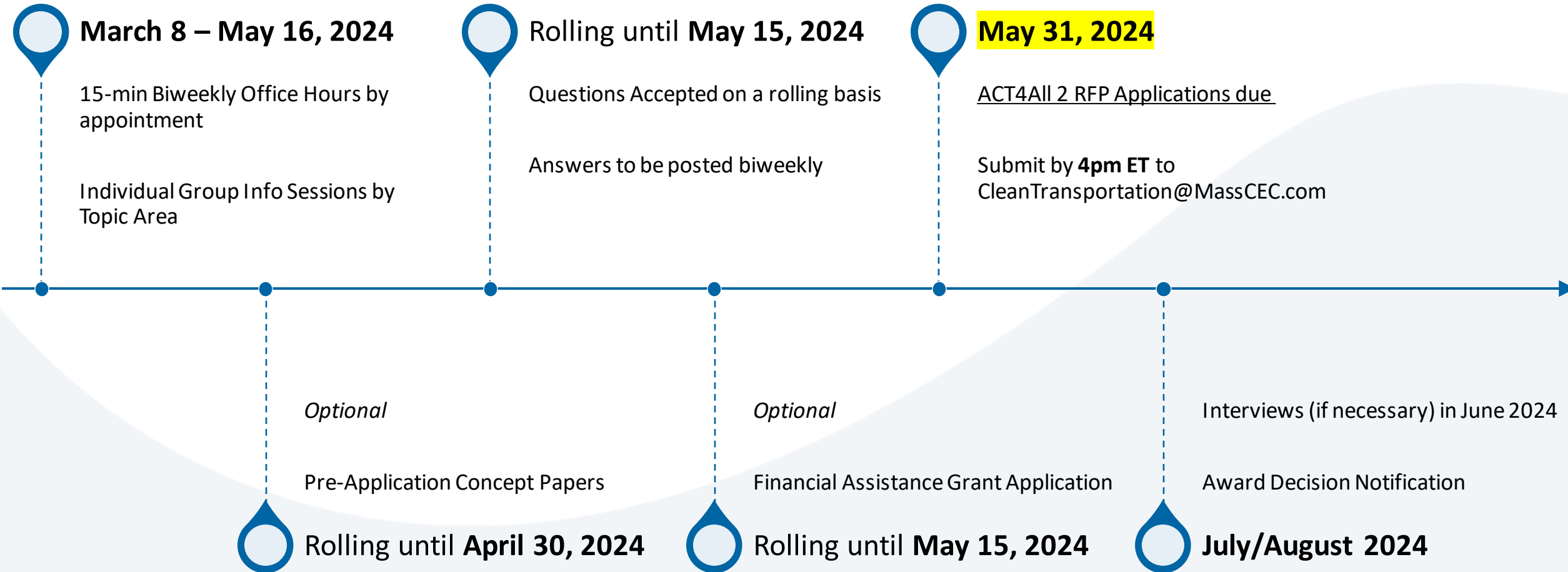
## ▶ FAQs

- To send questions on ACT4All 2, contact us at [CleanTransportation@MassCEC.com](mailto:CleanTransportation@MassCEC.com)
- Questions accepted on a rolling basis until **May 15, 2024**
- Answers will be posted every other Friday, beginning March 1, 2024
  - Only questions submitted by the Tuesday before will be included in the answers posted that Friday
- ▶ Join our [mailing list](#) to be notified of other opportunities





# Application Timeline



# Questions?

Email us at:  
[CleanTransportation@MassCEC.com](mailto:CleanTransportation@MassCEC.com)