

# Climatetech Testing and Demonstration Assets (TDA)

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# The TDA Team

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**Leslie Nash**

Senior Program Director  
Tech-to-Market



**Benedikt Reynolds**

Program Manager  
Tech-to-Market



**Marianna Miller**

Program Administrator  
Tech-to-Market

# Agenda

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**MassCEC Overview**



**Climatetech Testing and  
Demonstration Assets (TDA)  
Overview**



**Q&A**



MASSACHUSETTS  
**CLEAN ENERGY**  
**CENTER<sup>®</sup>**



# Our Mission

The Massachusetts Clean Energy Center's mission is to accelerate the clean energy and climate solution innovation that is critical to meeting the Commonwealth's climate goals, advancing Massachusetts' position as an international climate leader while growing the state's clean energy economy.



## ACCELERATING DECARBONIZATION

We contribute to meeting our state's ambitious climate goals by tackling barriers to widespread use of clean energy and climate technology in buildings, transportation, and the grid.



### MASSCEC'S WORK BY FOCUS AREA

## EMERGING CLIMATE TECH

We help new climate-focused businesses grow faster by backing a vibrant community of researchers, startups, and established industry players - creating an ecosystem where they connect and thrive.



## LARGE SCALE DEPLOYMENT: OFFSHORE ENERGY

We're building a cutting-edge offshore energy industry, marshaling world-class ports while addressing supply chain and workforce development challenges.



## CLEAN ENERGY & CLIMATE WORKFORCE DEVELOPMENT

We're growing a diverse and talented clean energy workforce by supporting a dynamic network of community-based organizations, labor, training providers, schools and employers committed to a sustainable future for all.



# Our Impact

## Since 2010 MassCEC Has:<sup>1</sup>



Awarded **\$788M** through clean energy programs and investments, and attracted over **\$2.8B** in private and federal capital.



Developed the **1st** purpose-built port in the U.S. for staging and deployment of offshore wind projects.



Supported **6,500+** internships for college and vocational students with **670+** clean energy employers, **67%** of which were women and minority interns.



Supported the verification of **23M** renewable, solar, thermal, and clean peak certificates, accounting for transactions exceeding **\$5.6B** in revenue to Massachusetts residents and business owners.



Tested **57** wind turbine blades at the Wind Technology Testing Center, generating over **\$28M** in revenue.

# Summary



**Deliver statewide  
environmental benefits**



**Spur job creation**



**Secure long-term  
economic growth for the  
people of MA**

- ▶ In 2017, Massachusetts enacted the Clean Energy Standard, which aims to fully decarbonize the state's electricity generation by 2050. Additionally, in 2021 and 2022, Massachusetts enacted comprehensive climate legislation to target reaching net zero greenhouse gas emissions by 2050 and supporting underserved populations.
- ▶ The Commonwealth has made progress in decarbonizing the electric grid, buildings, and vehicles, but more needs to be done to ensure the state meets its ambitious and critical goals.



# ClimateTech Testing and Demonstration Assets (TDA)



1. Purpose
2. Eligibility
3. Application Process
4. Selection Criteria
5. Summary

## ACCELERATING DECARBONIZATION

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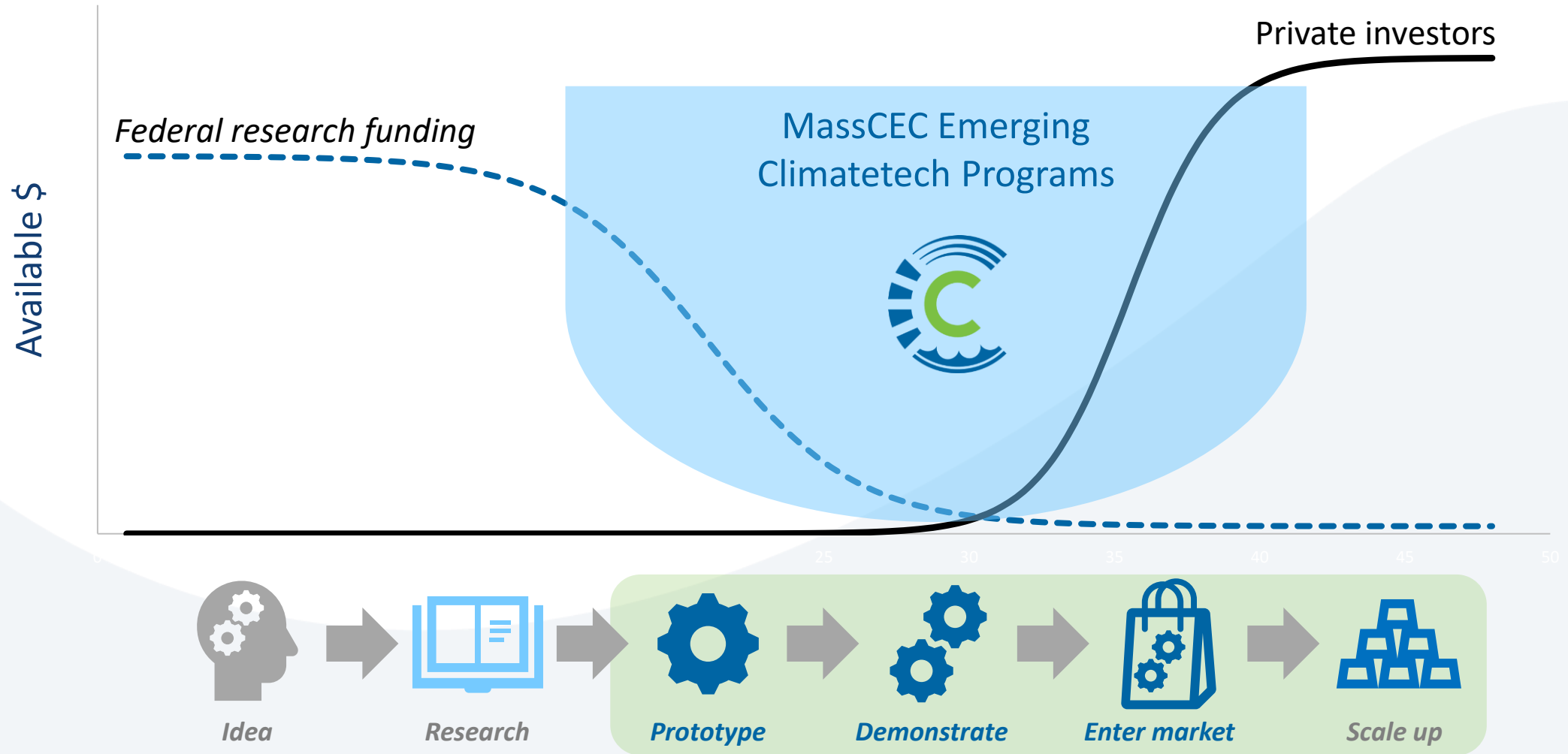


## CLEAN ENERGY & CLIMATE WORKFORCE DEVELOPMENT

We're growing a diverse and talented clean energy workforce by supporting a dynamic network of community-based organizations, labor, training providers, schools and employers committed to a sustainable future for all.



# The Challenge

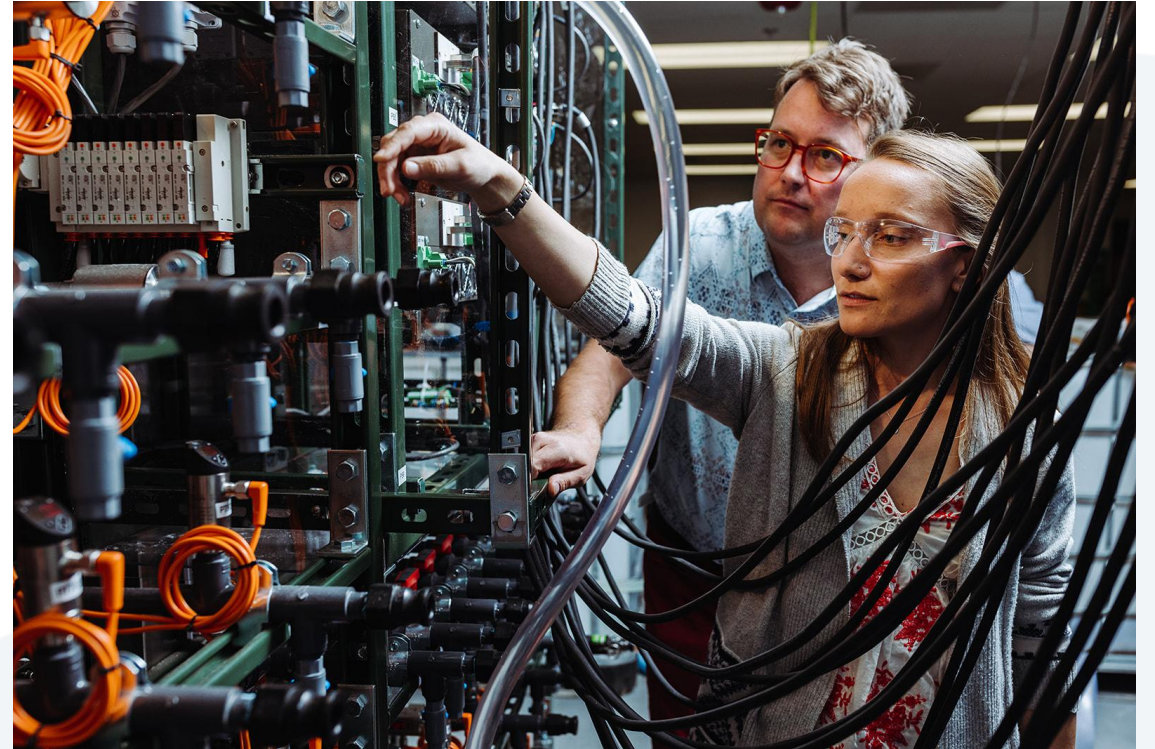


# The Challenge

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MA faces critical gaps in its climatetech ecosystem, particularly in testing and demonstrating, which slow the pace of commercialization and limit economic impact.

Addressing these barriers is essential to sustaining long-term growth, environmental impact, and to secure the state's leadership in climatetech innovation.



# Purpose


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TDA provides capital grants between **\$1.5M and \$5M** to Entrepreneur Support Organizations (ESOs) in Massachusetts to develop *shared* infrastructure, equipment, and other capital assets that advance climatetech R&D, innovation, manufacturing, commercialization, and deployment in the state.

*TDA is MassCEC's first program launched under the **Mass Leads Act (2024)**.*



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# Example Projects (1 of 2)

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- Constructing pilot or demonstration infrastructure for real-world testing.
- Installing specialized equipment or fabrication facilities.
- Upgrading shared labs or maker spaces.
- Building shared digital infrastructure.

*Note: Capital labor and fringe, as well as ESO operating expenses (e.g., rent, staff salaries, programming costs) are not eligible.*

# Example Projects (2 of 2)

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- Capital assets must have a minimum useful life of 10 years.
- Projects must be completed within 1 to 3 years.
- A minimum 25% cost share is required, with at least 20% cash.
- All costs must be incurred after the grant agreement is executed.

# Eligible ESOs

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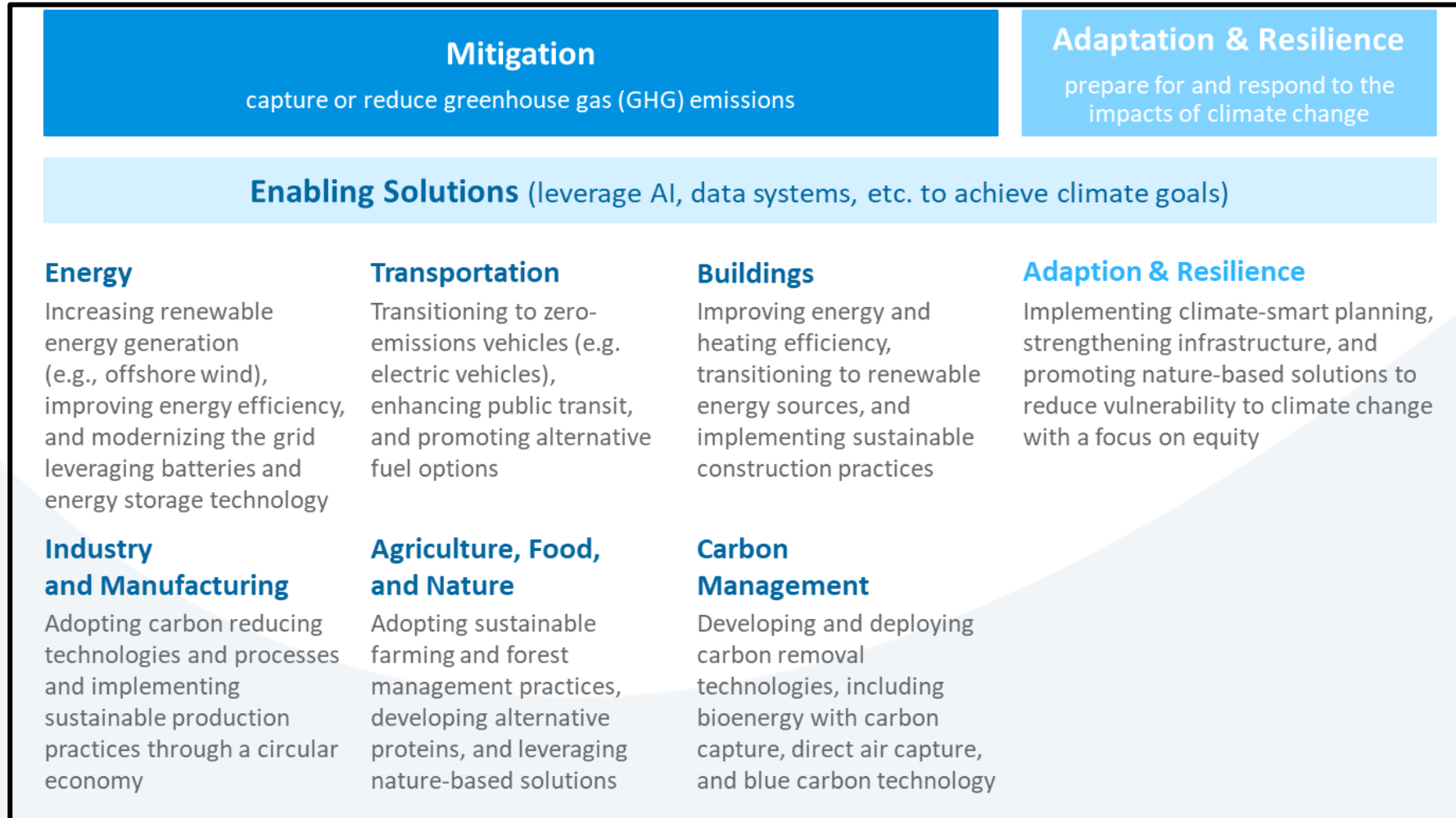


Nonprofit or public entities legally organized in MA with at least 5 years of operating history, and a track record of supporting climatetech R&D.

- Incubators
- Innovation Centers
- Nonprofit or Public Education Institutions
- Entrepreneur Networks and Associations
- Economic Development Organizations



# What is Climatetech?



ESOs must support entrepreneurs and researchers focused on these themes.



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# Two Competitive Phases

The application process is administered in two phases:

**1. Concept Papers (template provided)**

Provide a brief overview and budget of the proposed project.

**2. Full Application (outline provided)**

A select number of applicants will be invited to submit an in-depth proposal.

| Process Step                                      | Date               |
|---|--------------------|
| RFP Release                                       | July 22, 2025      |
| Informational Webinar                             | August 5, 2025     |
| Questions Due                                     | August 12, 2025    |
| Questions and Answers posted to MassCEC's Website | August 19, 2025    |
| Concept Papers Due                                | September 12, 2025 |
| Invitation to Submit Full Application             | October 14, 2025   |
| Full Application Due                              | November 14, 2025  |
| Notification of Awards                            | Est. Spring 2026   |

# How To Apply – Concept Papers

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## ☐ **Read the RFP**

Follow all requirements. Failure to comply may serve as grounds for rejection.

## ☐ **Complete the Concept Paper Template (Attachment 2)**

## ☐ **Gather Required Attachments:**

- ☐ Authorized Applicant's Signature and Acceptance Form (Attachment 1)
- ☐ W-9 Form
- ☐ Budget Worksheet (Attachment 3)
- ☐ ESO's Previous Fiscal or Calendar Year Financial Statements
- ☐ Resumes/CVs from key personnel at the ESO
- ☐ Letters of Commitment or Support

## ☐ **Combine documents into one PDF**

With exception to Spreadsheet files.

## ☐ **Submit**

Email completed application to [innovationecosystem@masscec.com](mailto:innovationecosystem@masscec.com) by Friday September 12, 2025 at 5:00 PM ET.

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# Review Process

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## 1. Initial Screening

Undergo an initial screening to ensure completion, eligibility requirements, and adherence to guidelines.

## 2. Detailed Review

Eligible Concept Papers will be reviewed by MassCEC and external industry specialists. Full criteria in the RFP.

## 3. Interviews (case-by-case)

MassCEC reserves the right to contact eligible applicants to request supplemental or clarifying information.

## 4. Selection for Advancement

Selected Applicants will be invited to submit a Full Application, which will include a more detailed plan and budget.



# Selection Criteria

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Detailed selection criteria are found on **Section VIII** of the RFP. Concept Papers will be evaluated based on criteria that include, but not limited to:

1. **Relevance and Alignment** (10 points)
2. **Articulation of Need** (10 points)
3. **ESO Programming** (10 points)
4. **Project Feasibility and Infrastructure Development Plan** (20 points)
5. **Financial Overview and Scope of Work** (20 points)
6. **Anticipated Impact** (20 points)
7. **Evidence of Success and Staff Qualifications** (10 points)

# ClimateTech Testing and Demonstration Assets (TDA)

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# Summary



## Funding

- Up to \$5,000,000 in capital expenses reimbursement after the execution of a grant agreement with MassCEC.
- 25% Cost Share required
- Capital projects must be completed within 1 – 3 years of award.
- Costs for all budget items must be incurred after the award.



## Timing

- RFP Release: July 22, 2025
- **Concept Papers Due: September 12, 2025**
- Full Application Due: November 14, 2025
- Notifications of Awards: Est. Spring 2026



## Eligibility

- Nonprofit or Public Incubators, Innovation Centers, Educational Institutions, Entrepreneur Networks, etc.
- Must have at least 5 years of operating history.
- Track record of supporting Climatetech R&D.

# Successful projects will...

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Be accessible to as many climatetech entrepreneurs and researchers as possible in Massachusetts.



Be used for *testing and demonstrating* emerging climate technologies.



Remain in use for over 10 years.

# Q&A

All Q&A's will be posted on TDA website August 19, 2025.

Submit addition questions to [innovationecosystem@masscec.com](mailto:innovationecosystem@masscec.com) with subject line "Questions – RFP TDA FY26" by August 12, 2025.