

# Massachusetts' Roadmap to a Net-Zero 2050: Climate Change Planning in the Commonwealth

December 7, 2020



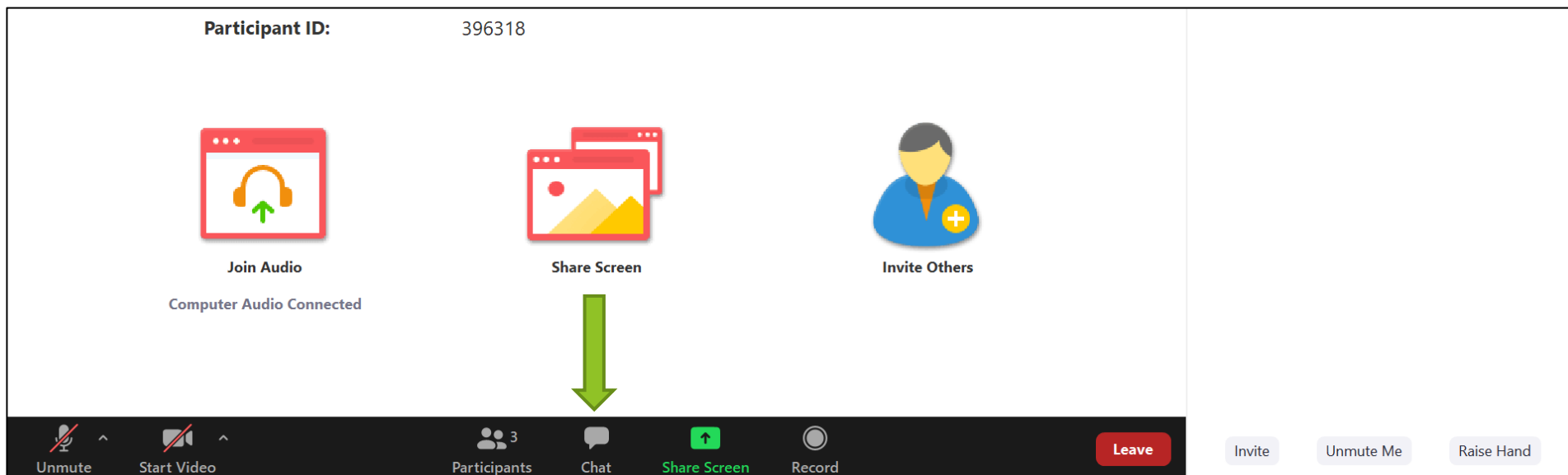
# Spanish Interpretation is being offered

- ▶ To join the Spanish channel, click the “Interpretation” icon and select “Spanish”
- ▶ *Si alguien desea interpretación en español, haga clic en “Interpretation” y seleccione “Spanish”*

The screenshot displays the Zoom meeting interface. At the top, the Invite Link is <https://zoom.us/j/93808301889?pwd=UzZwaHVqMzFKY1I2...> and the Participant ID is 396318. Below this are three main buttons: 'Join Audio' (with a headset icon and 'Computer Audio Connected' text), 'Share Screen' (with a screen icon), and a user profile icon with a plus sign. A dropdown menu is open from the user profile icon, showing options: 'Off' (checked), 'English', 'Spanish' (highlighted in blue), and 'Mute Original Audio'. A green arrow points to the 'Spanish' option. At the bottom, the Zoom control bar includes icons for Mute, Start Video, Participants (3), Chat, Share Screen, Record, Interpretation (with a globe icon), and Leave. A green arrow points to the Interpretation icon in the control bar.

# Webinar logistics

- ▶ The presentation portion of this webinar is being recorded and will be posted online afterwards.
- ▶ All lines will be muted during the presentation.
- ▶ Please keep your cameras off during the presentation.
- ▶ A Question & Answer session will take place after the presentation.
  - ▶ If you have a question during the presentation, you can type your question into the chat box.



# Purpose & Agenda

- ▶ Background: Global Warming Solutions Act & Greenhouse Gas Emissions in MA
- ▶ 2050 Roadmap Study: Timeline and Process
- ▶ Clean Energy and Climate Plan for 2030: Public Engagement
- ▶ Ways to stay informed and engaged
- ▶ Question & Answer

# Global Warming Solutions Act (GWSA): Major Requirements



Establish statewide greenhouse gas (GHG) emissions inventory, with 1990 as baseline year



Set a GHG emissions limit (legally binding) for each decade as a percentage reduction from the 1990 baseline level



Develop an implementation plan (Clean Energy and Climate Plan, CECP) to achieve each emissions limit, updated every 5 years

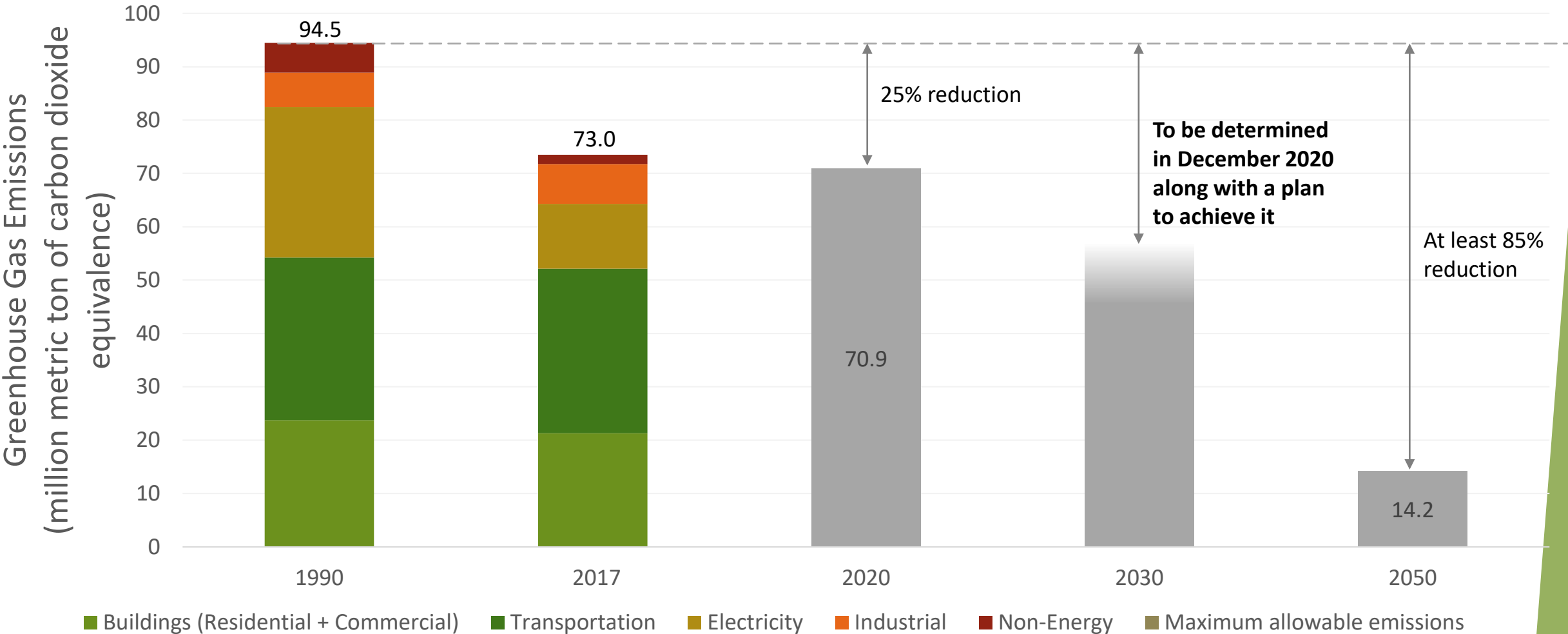


Report on GWSA implementation progress and recommendations every 5 years



Convene a committee to advise on GWSA implementation

# Statewide Emissions: Past and Future



**Net Zero emissions: sources of emissions = removal of emissions**

# 2050 Roadmap Study

- ▶ **GOAL:** Identify cost-effective and equitable pathways and strategies for MA to reach Net Zero emissions by 2050, and the priorities to achieve an on-pace interim goal by 2030.
  - ▶ Will characterize impacts of policy implementation, including but not limited to:
    - ▶ GHG emissions
    - ▶ Costs and benefits
    - ▶ Socioeconomic equity
    - ▶ Public health impacts

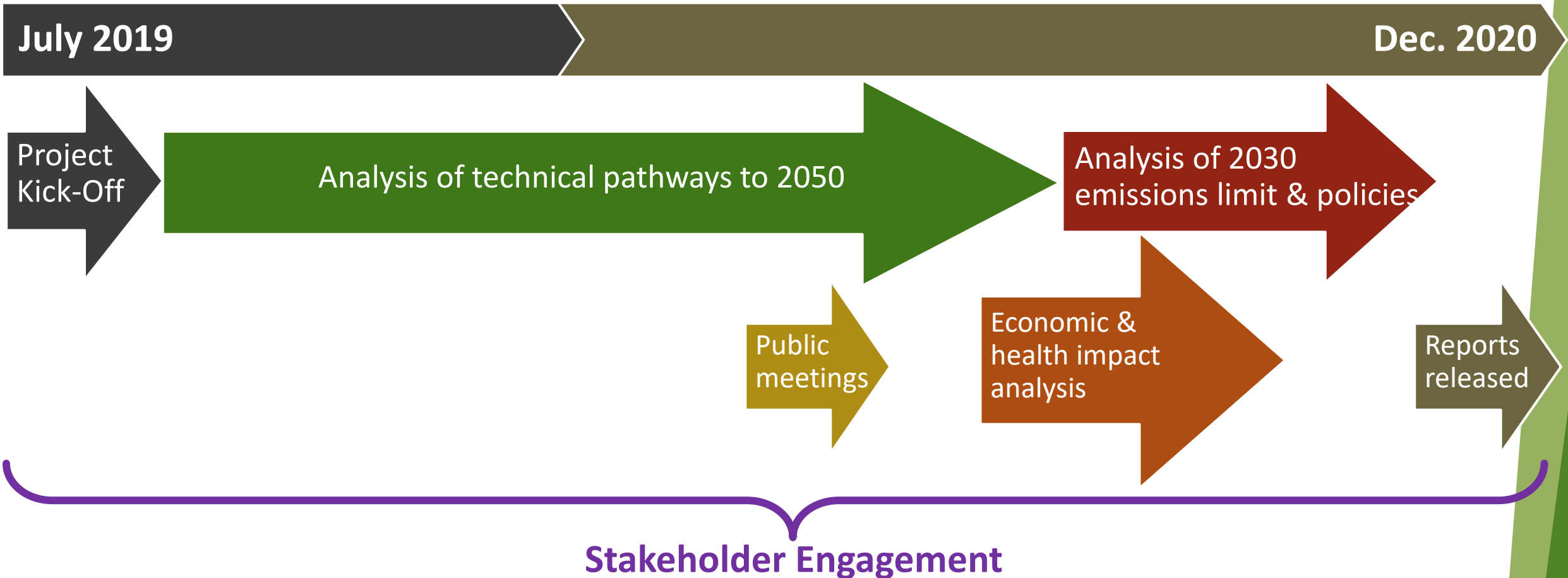
- ▶ Produce and inform:

Decarbonization Roadmap to 2050

2030 GHG emissions limit  
(to be set by EEA Secretary)

Clean Energy and Climate Plan for  
2030

# Major Project Components and Timeline





# Involved Stakeholders include:



## **GWSA Implementation Advisory Committee & their 5 work groups (Buildings, Transportation, Electric, Nature-Based Solutions, Climate Justice)**

- Comprises leaders from the business, energy, environmental, building, transportation, and academic communities in Massachusetts
- Advise on greenhouse gas (GHG) emissions reduction measures



## **Technical Steering Committee**

- Comprises academic experts in Massachusetts
- Advise on modeling approach and assumptions

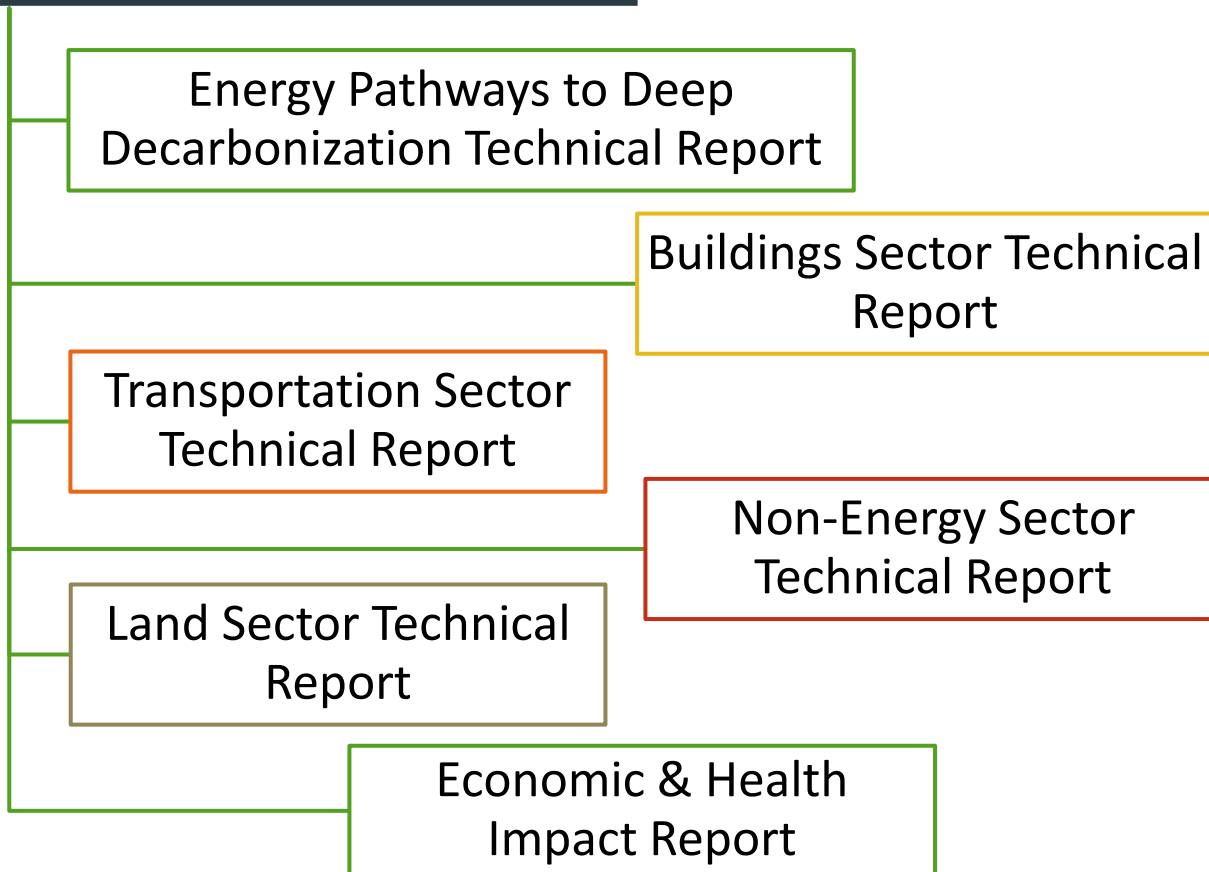


## **State Agencies**

- Includes representatives from MassDEP, DOER, DPU, DCR, MassDOT, MassCEC
- Advise on modeling approach, assumptions, GHG emissions reduction measures

# Reports to be Released

## Decarbonization Roadmap to 2050



## Clean Energy and Climate Plan for 2030 (2030 CECP)

### December 2020: Release

- Final 2050 Roadmap report and all accompanying technical reports
- Draft Clean Energy and Climate Plan for 2030

Winter 2021: Public Comment Period on the draft Clean Energy and Climate Plan for 2030

Spring 2021: Finalize and publish Clean Energy and Climate Plan for 2030

# Upcoming Stakeholder Engagement & Public Process

**After 2050  
ROADMAP  
Release:  
Jan. 2021**

- A) Slide presentation of key takeaways as published in the Roadmap Report, recorded & posted on [www.mass.gov/2050Roadmap](http://www.mass.gov/2050Roadmap)  
(English with translation)
- B) Online portal for submission of questions
- C) One or more live webinar presentation + public Q&A session  
(Interpretation available)

**After DRAFT  
2030 CECP  
Release:  
Jan. & Feb. 2021**

- A) Slide presentation of key policy proposals in DRAFT 2030 CECP, recorded & posted on [www.mass.gov/2030CECP](http://www.mass.gov/2030CECP) (website will be live soon!)  
(English with translation)
- B) Online portal, email, and voicemail for submission of questions and comments
- C) Multiple live webinar presentations + public Q&A session  
(Interpretation available)
- D) Targeted virtual meeting outreach to expand audience as needed

# Online form to submit questions and comments

- ▶ In early January 2021, visit the appropriate website:
  - ▶ [www.mass.gov/2050Roadmap](http://www.mass.gov/2050Roadmap)
  - ▶ [www.mass.gov/2030CECP](http://www.mass.gov/2030CECP)
- ▶ Navigate to the “click here” prompt.
- ▶ Once clicked, it will open up a new window.
- ▶ Follow the prompts and be sure to submit your form.

The screenshot shows a web browser window with the URL [mass.gov/forms/questions-on-the-roadmap-to-2050](http://mass.gov/forms/questions-on-the-roadmap-to-2050). The form contains the following fields:

- Email \*
- Name \*
  - First Name
  - Last Name
- Affiliation (town or organization) (optional)
- Your question(s): \*

A blue button labeled "SUBMIT FORM" is located at the bottom of the form, circled in green. A vertical "Feedback" button is visible on the right side of the browser window.

# Stay updated on our progress

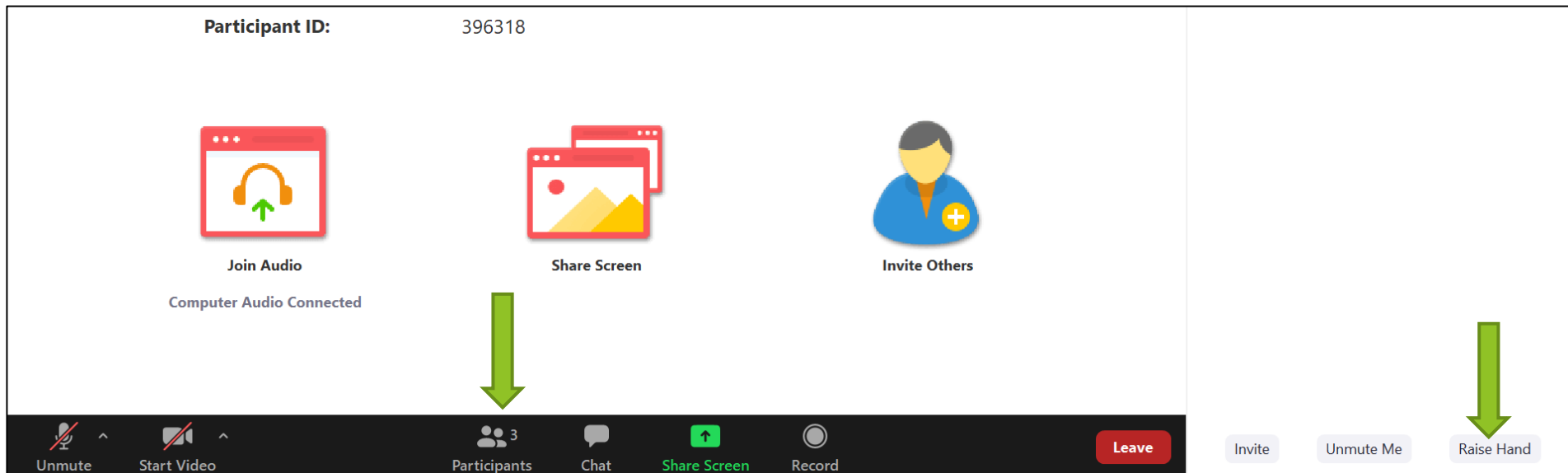
- ▶ 2050 Roadmap webpage: [www.mass.gov/2050Roadmap](http://www.mass.gov/2050Roadmap)
- ▶ 2030 CECP webpage: [www.mass.gov/2030CECP](http://www.mass.gov/2030CECP) [will be live soon!]
- ▶ GWSA Implementation webpage: [www.mass.gov/GWSA](http://www.mass.gov/GWSA)
- ▶ IAC meetings: [www.mass.gov/GWSA-Meetings](http://www.mass.gov/GWSA-Meetings)

# Questions & Feedback

- ▶ Questions?
- ▶ Feedback welcomed on:
  - ▶ Avenues to get the word out to more people
  - ▶ Accessible ways to submit public comment
  - ▶ Helpful materials to assist in meaningful engagement
  - ▶ Information about how reducing greenhouse gas emissions can impact and benefit you and your family

# Q&A Instructions

- ▶ If you'd like to ask a question or provide feedback, please either:
  - ▶ Click on “Raise Hand” and we will unmute you, OR
  - ▶ Type your question/feedback into the chatbox
- ▶ If you are on the phone, please press \*9 to raise your hand. When we call on you, press \*6 to unmute yourself.



The slide features a white background with decorative green geometric shapes at the top and bottom. These shapes consist of overlapping triangles and polygons in various shades of green, ranging from light to dark. The text "Thank You!" is centered in the middle of the slide.

Thank You!