



Embodied Carbon Intergovernmental Coordinating Council (ECICC)

Legislative Mandate and a Coordinated Approach for the Commonwealth

In 2024, the Massachusetts Legislature passed *An Act promoting a clean energy grid, advancing equity and protecting ratepayers*, [amending Mass. Gen. Laws ch. 7C, § 73](#) to include provisions establishing the Council and setting its charge. This section went into effect on February 18th, 2025.

The Council began meeting on a monthly basis starting in **March of 2025** and is set, per legislative mandate, to publish its initial "Embodied Carbon Reduction Plan" to the Legislature on **January 1, 2026**.

Council Members

Co-Chairs

- **Melissa Hoffer**, Massachusetts Climate Chief, Office of Climate Innovation and Resilience
- **Adam Baacke**, Commissioner of the Division of Capital Asset Management and Maintenance (DCAMM)

Members

- **Senator Michael Barrett**, Senate Chair of the Joint Committee on Telecommunications, Utilities and Energy
- **Wayne Capolupo**, Representing the Massachusetts Senate Minority Leader Bruce Tarr
- **David Hart**, Representing the House Chair of the Joint Committee on Telecommunications, Utilities and Energy, Representative Mark Cusack
- **John Tzimorangas**, Representing House Minority Leader Representative Bradley Jones, Jr.
- **Colton Andrews**, President of Western MA Building Trades Unions, representing the Building Trades
- **Luciana Burdi**, Representing the CEO of the Massachusetts Port Authority
- **Beverly Craig**, Representing the CEO of the Massachusetts Clean Energy Center (MassCEC)
- **Katherine Eshel**, Representing the General Manager of the Massachusetts Bay Transportation Authority (MBTA)
- **Professor John Fernández**, licensed architect and Professor and Director of the Building Technology Program in the Department of Architecture at the Massachusetts Institute of Technology (MIT)
- **Mark Fine**, Representing the Secretary of the Executive Office of Administration and Finance
- **Eric Friedman**, Representing the Secretary of the Executive Office of Energy and Environmental Affairs
- **Michael Gryniuk**, structural engineer and Principal at Cora Structural
- **Sarah Kalish**, Representing the Secretary of the Executive Office of Economic Development
- **Patrick Kenny**, structural engineer; Representing the Chair of the Board of Building Regulations and Standards
- **Caroline Murray**, Regional Sustainability Manager and Project Executive at Turner Construction
- **Jenny Raitt**, Executive Director of the Northern Middlesex Council of Governments
- **Jason Robertson**, Representing the Secretary of the Executive Office of Transportation
- **Amy Stitley**, Representing the Secretary of the Executive Office of Housing and Livable Communities

Council Tasks and Deadlines (1/4)

Per [S.L. c. 239, §§ 4B-4F](#)

Establish an **embodied carbon reduction plan**, to include:

1. With respect to state-led building and transportation projects, **recommendations for encouraging, and where appropriate, requiring:**
 - a. Environmental Product Declarations (EPDs)
 - b. Use of low embodied carbon materials, with particular attention to **cement and concrete mixtures, steel, glass, asphalt and asphalt mixtures and wood**

Council Tasks and Deadlines (2/4)

Per [S.L. c. 239, §§ 4B-4F](#)

2. **Review progress in research** and development of low-embodied carbon technologies and materials

3. Make recommendations for **establishing maximum global warming potential (GWP) values** for products likely to be used in state-led building and transportation projects

- a. EPDs in state government contracting and procurement
- b. Low-embodied carbon materials

Council Tasks and Deadlines (3/4)

Per [S.L. c. 239, §§ 4B-4F](#)

4. Develop **recommended procedures** for the use of:
 - a. EPDs in state government contracting and procurement
 - b. Low-embodied carbon materials
5. **Examine current laws**, regulations, policies and guidelines that affect the use of EPDs and low embodied carbon materials
6. Consider interactions between embodied carbon and operational carbon, to ensure a reduction on both fronts

Council Tasks and Deadlines (4/4)

Per [S.L. c. 239, §§ 4B-4F](#)

The council **shall also consider:**

1. Approaches to integrate the reduction of embodied carbon into the state building code
2. Best practices to incentivize and enhance the reuse of building materials and decrease building demolition

Possible avenues for implementation

- Administrative changes to construction materials specifications published by state agencies (e.g., MassDOT and DCAMM)
- Legislation, such as state "Buy Clean" procurement law
- Building & energy code changes