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March 13, 2024

# Reporting and Baseline Options for Building Embodied Carbon

## Public Workshop on March 13th, 2025

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The California Air Resources Board (CARB) staff invites you to participate in a virtual public workshop to provide input on CARB's development of a framework for measuring and reducing the greenhouse gas (GHG) emissions from building materials used in California.

At this workshop, staff will review the statutory requirements for manufacturer and project-level data reporting and baseline emissions quantification, and introduce staff concepts for reporting, baseline estimation, and emissions accounting.

This workshop is one of a series of workshops and focused meetings with interested parties that CARB will be hosting to inform the rulemaking process related to embodied carbon. Public feedback from this workshop will be used to develop and refine staff proposals.

Staff's presentation and an agenda will be posted prior to the workshop on CARB's [Embodied Carbon](#) website where more information on the program can also be found.

Date: March 13, 2025

Time: 10:00 am – 3:00 pm

Location: Virtual via Zoom – Please register through the link below

[Register Here](#)

## Background

California has committed to reducing GHG emissions by at least 40 percent below 1990 levels by 2030 and further reducing emissions by 85% below 1990 levels and achieving carbon neutrality no later than 2045. As California continues to make progress in

reducing GHG emissions from buildings through energy efficiency, clean renewable energy, and building electrification, embodied carbon in building materials represents an increasingly large share of remaining building-related emissions.

Assembly Bill 2446 (Holden) and Assembly Bill 43 (Holden), which added and amended Health and Safety Codes sections 38561.3 and 38561.6, require CARB to develop a framework for measuring the average carbon intensity of the materials used in the construction of new buildings and a strategy for reducing greenhouse gas emissions from building materials by 40 percent no later than December 31, 2035.

Embodied carbon refers to the lifecycle GHG emissions resulting from the extraction, manufacturing, transportation, installation, maintenance and use, and disposal of goods, including building material goods. Reducing embodied carbon in new construction is critical for ensuring that California can achieve its housing and climate goals, especially considering housing production in California is anticipated to ramp up significantly over the next 10 years.

## **More Information**

If you have any questions regarding the workshop, please contact [embodiedcarbon@arb.ca.gov](mailto:embodiedcarbon@arb.ca.gov). To stay informed regarding CARB's work on embodied carbon in buildings, please sign up for updates via CARB's "Embodied Carbon" [GovDelivery](#) topic.

## **Contact**

Please contact [embodiedcarbon@arb.ca.gov](mailto:embodiedcarbon@arb.ca.gov) if you have questions about the workshop.

If you require special accommodation or need this document in an alternate format (i.e., Braille, large print) or another language, please email us as soon as possible, no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.