New Jersey Low Embodied Carbon Concrete Act (LECCLA)

On January 30, 2023 Governor Murphy signed the Low Embodied Carbon Concrete bill into law. This bill is the first of its kind in the US with the aim to reduce embodied carbon in concrete and incentivize concrete suppliers to do so.

Here are the details that all concrete producers in New Jersey need to know:

- New Jersey state agencies are the largest purchasers of concrete in the state
- All state funded projects will follow this new requirement
- In 2024, any state funded project of at least 50 cubic yards of concrete will be eligible for a tax credit if the concrete poured has a quantifiable reduction in embodied carbon
- The New Jersey Department of Environmental Protection will establish embodied carbon baselines for concrete measured in Global Warming Potential (GWP), which quantifies the kilograms (kg) of CO_2 generated per 1 meter squared (M^3) of concrete
- Concrete producers will need Environmental Product Declarations (EPDs) to measure and prove their concrete's GWP
- Concrete that falls below the baseline will allow concrete producers a tax credit of up to 8% of the total cost of the contract
- New Jersey will cap the tax credit at $10m per year. It will be on a first come first serve basis
- No producer can claim more than $1M in credits each year

"From the Turnpike, to the parkway, and all of our bridges, tunnels and sport stadiums, the state of New Jersey and its agencies procure massive amounts of concrete every year. LECCLA (S-287) is a smart, incremental policy that rewards private actors for making good choices. Bills like this are the reason New Jersey will lead the nation in the clean energy economy."

Sean Mohen
Executive Director, Tri-County Sustainability

Contact your CarbonCure representative to discuss lowering the GWP of your concrete and getting EPDs for your mixes.

CarbonCure is closely monitoring LECCLA developments to help our customers take advantage of these opportunities. We'll follow up with more details as they arise.

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