# Shape Next-Gen Market-Based Mechanisms and Decarbonize the Built Environment

Partner with CarbonCure to reduce Scope 3 and achieve net zero goals



# The challenge of Scope 3

### **Expanding footprints and engaging suppliers**

Scope 3 emissions from embodied carbon in the built environment <u>are rising</u> for many companies, including Microsoft and Google, largely due to data center expansion. Embodied carbon will constitute nearly 50% of the overall carbon footprint of new construction between now and 2050. According to CDP, <u>only 23%</u> of suppliers are taking action to reduce their own Scope 3 emissions.







Book-and-claim mechanisms can help bridge the gap between Scope 3 emissions and viable solutions. While sectors such as electricity (RECs) and aviation (SAFc) are making progress with book-and-claim systems, the built environment needs further alignment and innovative tools to ensure integrity, reduce costs and avoid double counting of low-carbon materials.



## The path forward for built environment emissions

### Implement a pilot as a basis for next gen book-and-claim system



#### How a next gen book-and-claim system can work:



 Lower-carbon concrete is produced at concrete facilities using CarbonCure's technologies and delivered to end users. CarbonCure measures and retains the CO2 savings.



2. Companies purchase lower-carbon concrete certificates representing these CO2 savings, paying for the green premium and reducing their Scope 3 embodied carbon footprint.



3. Companies use attributional accounting and report gross emissions and net emissions with certificates attached.



# Your opportunity

### Partner with CarbonCure to shape the future of the built environment

We are seeking partners to pilot a market-based mechanism.

Your catalytic purchase of lower-carbon building material certificates will establish a roadmap for a book-and-claim system, address integrity concerns, and unlock scale for lower carbon technologies.

#### Goals of the pilot:

- Identify the standard unit of transaction for trading lower-carbon building materials and improve accounting methods
- Surface MRV requirements to ensure transparency and credibility
- Set benchmarking criteria to include diverse technologies in the low-carbon markets

#### **Benefits of pilot participation:**

- Achieve climate targets: Meet your near- and long-term climate goals and tangibly address Scope 3 emissions
- Shape the future: Influence a pioneering mechanism and join the first movers defining new standards and transforming business procedures
- Lead the industry: Gain recognition as an innovator in developing a first-of-its-kind solution, positioning your company at the forefront of sustainability
- Secure access: Potential to lock in a commitment with a low-risk partner and gain access to limited, risk-mitigated volume

#### Join us in driving vital transformation

This partnership sets the stage for scaling lower-carbon building materials, sending a clear demand signal to upstream stakeholders and establishing credible norms for all suppliers.

Contact us at **<u>carboncredits@carboncure.com</u>** to discuss this groundbreaking initiative.

