

# MEET BUILDING TRANSPARENCY

## WHAT WE ARE

A 501(c)3 nonprofit organization with the core mission to provide the open data and tools needed to inspire actions that positively impact our world.

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## WHAT WE PROVIDE

- Tools to enable the smart prioritization of low-carbon procurement, including EC3 and tallyLCA.
- Programs that support transparency and education on embodied carbon, including materialsCAN, ownersCAN, and contractorsCAN.
- A robust, open-access database of EPDs to set embodied carbon baselines and drive reductions.

## OUR SUPPORT

Our tools and programs are supported and informed by an impressive roster of global partners that span Philanthropists, Building Owners, AEC firms, Manufacturers, and Industry Organizations. This includes our lead sponsors: Amazon, Autodesk, Breakthrough Energy, Google, Lendlease, Interface, MKA, Microsoft, and Skanska. Scan this QR Code to see our full list of current partners.



**Building  
Transparency**

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# EPDs: ESSENTIAL FOR ADDRESSING EMBODIED CARBON'S IMPACT



It's critical that our industry invests in disclosure, transparency, and reporting efforts to reduce the carbon footprint of our buildings.

The answer is EPDs, or third-party verified documents that communicate, at a minimum, the upfront environmental impact of materials. Think of these as nutrition labels for materials. The EPD will tell us the global warming potential (GWP) of a material or product.

In markets where EPD data currently exists, Building Transparency is seeing 30%+ reductions in carbon emissions by using EC3 to select and procure low-carbon materials.



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# EMBODIED CARBON IN CONSTRUCTION CALCULATOR

## CELEBRATING 5 YEARS OF DECARBONIZATION WITH EC3

Embodied carbon has a significant impact on the carbon footprint of our built spaces. Everyone in the AEC sector can help decarbonize our buildings – if they have the data and insights necessary to pursue green product procurement.

Available globally, this free, open-access tool encourages low-carbon procurement to meet building project sustainability goals in line with the level of action needed to reverse climate change. Users can access thousands of digital EPDs, supporting the direct measurement, comparison, and reduction of embodied carbon.



**Become a user for free  
today (and every day).**

**52,000+**

**USERS IN  
76+ COUNTRIES**

**14,500+**

**BUILDING  
PROJECTS**

**157,000+**

**DIGITIZED  
EPDS**



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# 5 YEARS OF EC3

Greenbuild 2024 marks the fifth anniversary of the Embodied Carbon in Construction Calculator. Celebrate with a look back at the tool's major milestones:

## NOVEMBER 2019

EC3 was launched publicly by the Carbon Leadership Forum and more than 50 industry partners.

## JANUARY 2020

Building Transparency was founded to manage and scale EC3.

## JULY 2021

15,000 users

## DECEMBER 2022

30,000 users

## JANUARY 2024

EC3 reached 101,000 digitized, open-access EPDs.

## AUGUST 2024

50,000 users

## NOVEMBER 2024

EC3 reached its five-year anniversary with 157,000+ EPDs, 14,500+ projects and 52,000+ users in 76 countries.



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# BECOME AN EC3 PARTNER

EC3 supports a range of account types based on the use case and needs of an individual or organization. There are four tiers offering unique benefits to users.

## FREE USER

The free user level provides users with access to the EC3 database as well as the below:

- Access to Building Planner
- Limited API Access
- Data Protection
- Online User Support

## NEW! INDIVIDUAL PILOT USER

This paid user level invites individuals to directly contribute to the development of EC3 and beta test new features prior to release. In addition to the Free User benefits, Pilot Users receive:

- Access to Pilot Materials and Features in EC3
- Additional online user support

## PILOT PARTNER

A pilot partnership is for organizations who help Building Transparency build the tool and who contribute expert beta testing of our functions and data prior to broad release. The benefits are the same as the Free User plus the following:

- Access to Pilot Materials in EC3
- Rate Limited API Access
- Logo Recognition as Partner
- Monthly & Online User Support

## LEAD SPONSOR

Considered an enterprise partnership, lead sponsors are those organizations who require more custom functionality in terms of data, API access, and more. This level includes the below benefits:

- Full Security Review & Data Privacy
- Dedicated Online & Biweekly User Support
- Custom Branding, Login, User Interface & Workflow
- Portfolio Level Tracking & Reporting



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# HAPPY 5TH BIRTHDAY, EC3!



Building Transparency is proud to be celebrating the five-year anniversary of the Embodied Carbon in Construction Calculator (EC3)! In 2019, the tool was launched publicly by the Carbon Leadership Forum and more than 50 industry partners. Our nonprofit was founded in 2020 to manage and scale EC3, which now boasts more thousands of digital EPDs, supporting the direct measurement, comparison, and reduction of embodied carbon.

**You can help us celebrate EC3! Make a donation today toward the continued support and development of the free and open-access tool.**



**CLICK HERE TO  
DONATE!**

# tallyLCA: EMPOWERING DATA-DRIVEN DECISIONS

tallyLCA is a whole-building LCA tool that allows architects and engineers to quantify the environmental impact of building materials for whole building analysis as well as comparative analyses of design options. Users are able to see in real-time the impact of their design decisions on the overall carbon footprint of a project.

TallyLCA is:

- Approved for LEED v4 & v4.1
- A Fully Integrated Revit Application
- A Robust LCA Material Database Across Divisions 1-9



## COMING SOON:

Tally 2.0 is expected to launch in 2025! Building on the success of the existing tool, the new iteration will provide additional features, such as in-tool reporting and new user interface designs, to better empower carbon-smart decision-making.



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# contractorsCAN

## EVERYONE CAN DECARBONIZE BUILDING PROJECTS.

contractorsCAN is a carbon action network of contractors focused on achieving embodied carbon reduction targets on their projects through low-carbon procurement.

Our goals are to identify opportunities to improve EC3 and other embodied carbon tools, create resources to support contractors, and accelerate industry action on embodied carbon.



## OUR MEMBERS

**AECOM**



**CLARK**  
CONSTRUCTION

CLAYCO



**EllisDon**



**HP** **HENSEL PHELPS**  
Plan. Build. Manage.

**HITT**



**Mortenson**

**MULTIPLEX**

**SKANSKA**

**SUFFOLK**



**Turner**

**WEBCOR**

**YATES**  
CONSTRUCTION

If you are interested in becoming a member of contractorsCAN, check out our website at [buildingtransparency.org](https://buildingtransparency.org) or scan the QR code below!



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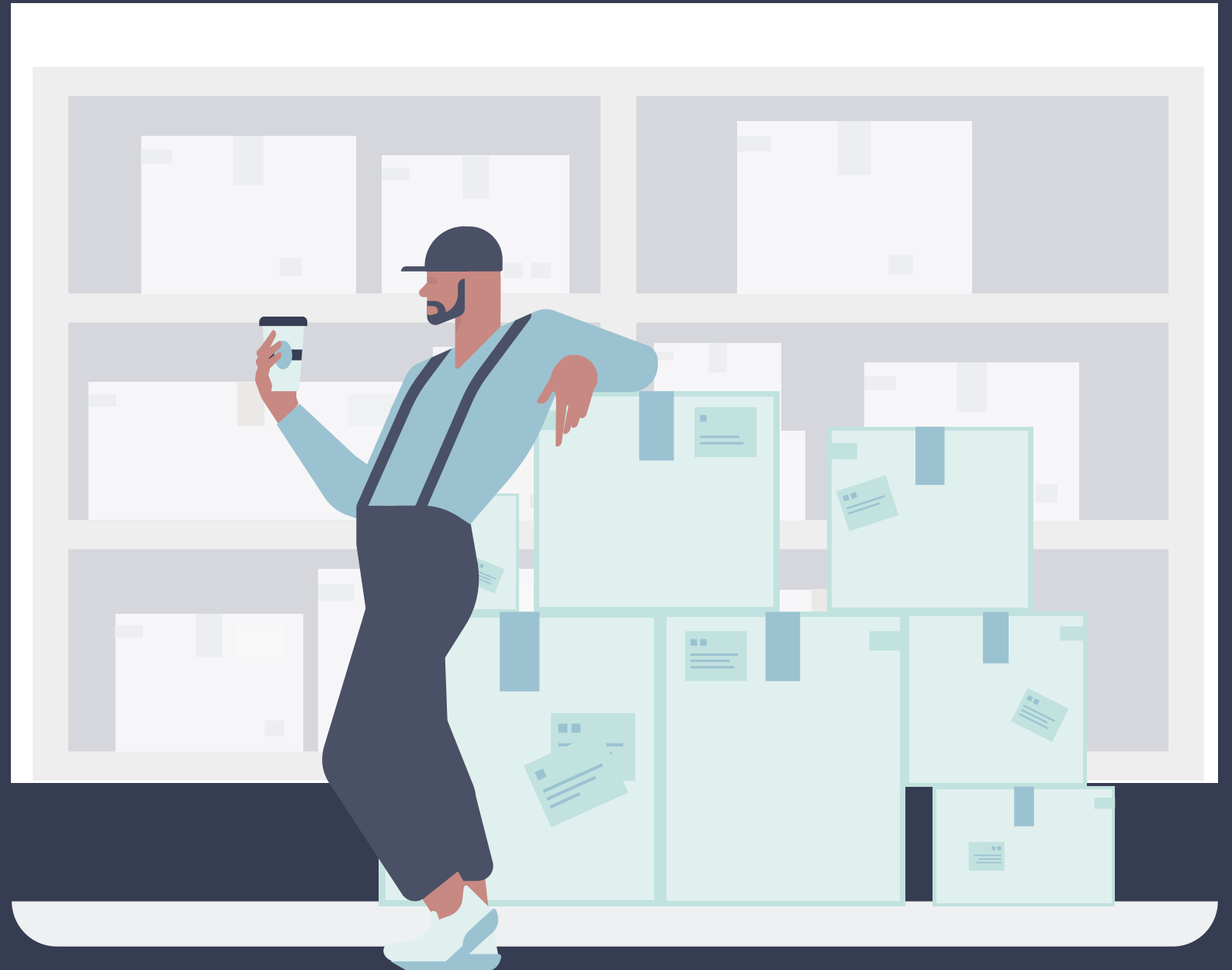


# materialsCAN

## EVERYONE CAN PRIORITIZE LOW-CARBON MATERIALS.

materialsCAN is a carbon action network composed of members of the global building industry ready to act on the smart prioritization of embodied carbon in building materials.

We are committed to improving embodied carbon awareness, promoting the EC3 tool and enabling analysis and prioritization of embodied carbon goals in specifications.



## OUR MEMBERS



ASSA ABLOY

Gensler



Interface®



SKANSKA



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# ownersCAN

## EVERYONE CAN COMMIT TO REDUCING EMBODIED CARBON.

ownersCAN is a carbon action network uniting developers, users, and managers of buildings that are dedicated to measuring and reducing the embodied carbon of their projects.

We aim to advocate for industry action on embodied carbon, promote the EC3 tool, and raise awareness of embodied carbon and related policies and legislation.



## OUR MEMBERS

**Daniels**  
love where you live™



**KILROY**

**LinkedIn**

**Meta**

**Microsoft**

**NTT**



**shopify**

**SKANSKA**

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# HOW WE SUPPORT POLICY

Buy Clean policy is critical if we are to address embodied carbon's monumental impact on climate change and decarbonize the building and construction sector.

This type of policy drives low-carbon construction purchasing decisions on government projects to address greenhouse gas emissions.

## HOW BUILDING TRANSPARENCY SUPPORTS

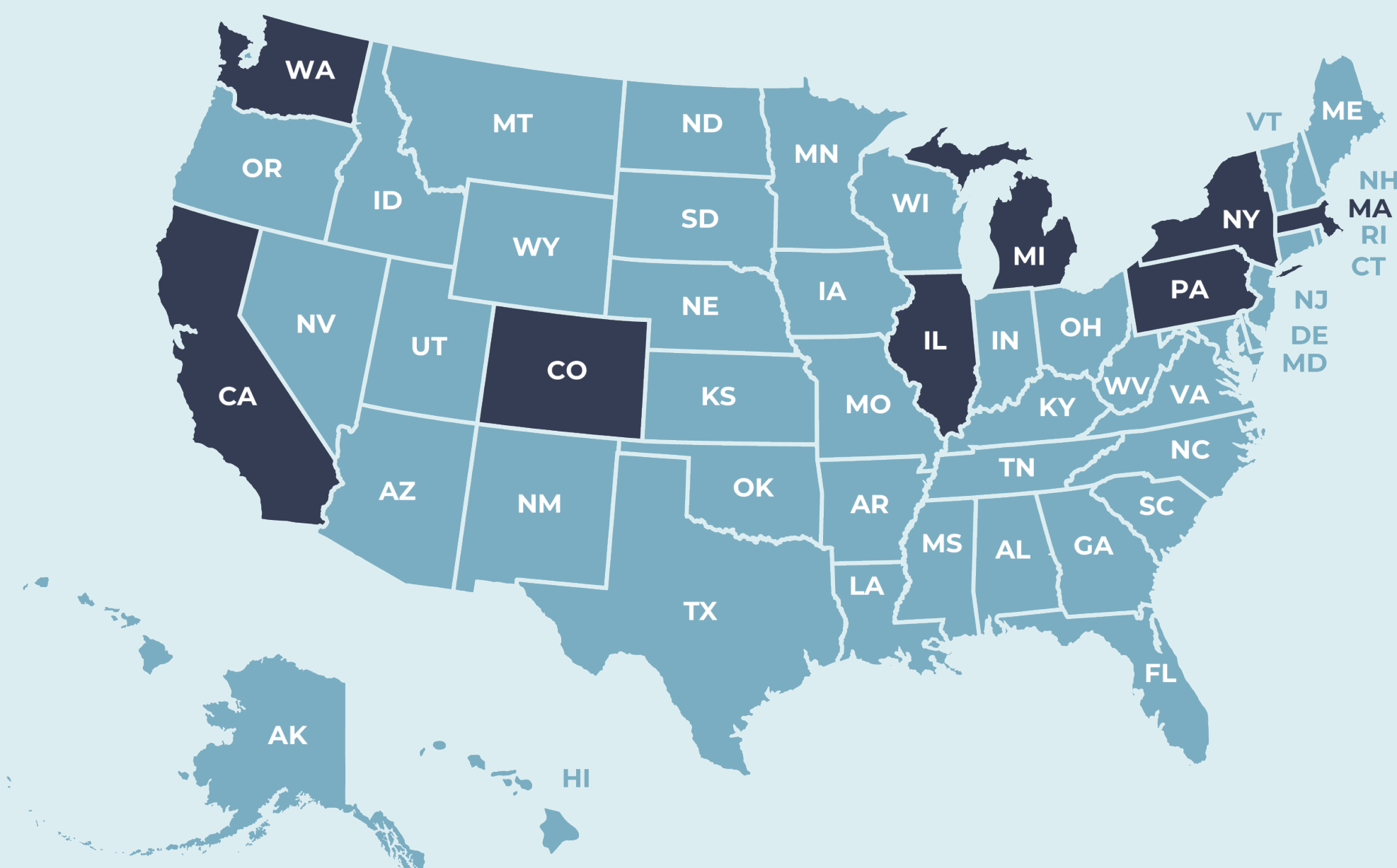
Our team helps support the creation and implementation of Buy Clean policy, advising on low-carbon procurement requirements and leveraging data from our tools to inform standards.

The EC3 tool allows policymakers to assess supply chain data in order to create EPD requirements and set embodied carbon limits and reductions at the construction material and project scale.

It can also help project teams find and source building products and materials that align with Buy Clean requirements. For example, EC3 has a filter for Buy Clean California to help users identify EPDs that comply with the GWP limits established by the policy.

## LOCAL & STATE EFFORTS

Local and state Buy Clean policies are being introduced to incentivize low-carbon procurement decisions. The following map highlights the states that have introduced or enacted procurement related policies in 2024:



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