

# NEWSLETTER

First Edition - June 2022



**Colorado Earth** wants to thank you all for your support and interest. New understandings in our economy and environment are challenging us on how we can live our best lives, make informed decisions, and support a cleaner future. In our little corner of the planet, Colorado Earth steps forward with the *EcoBlox* – a building material with a great story to share. There are many exciting new opportunities, and we can no longer contain our excitement – hence the start of this Newsletter!

May this news shine light on the good work of others.

**-Lisa Morey, PEng** (Owner of Colorado Earth)

*CHECK OUT THIS GREAT BOOK*

## BUILD BEYOND ZERO

NEW IDEAS FOR CARBON - SMART ARCHITECTURE



**CHRIS MAGWOOD**

**Colorado Earth** is happy to share one of our new favorite books! Build Beyond Zero was written by our friends Bruce King and Chris Magwood, and they were gracious to include a segment on Colorado Earth and some background on entering the North American market as an earth block producer.

“Net Zero” has been a goal of the green building movement, to have every building generate at least as much energy as it uses. Enormous progress has been made in recent years to improve the performance of new buildings, and in renovating existing buildings to improve their energy performance. But building net zero is not good enough.

King and Magwood discuss the importance of examining which components, from concrete to solar photovoltaics, go into creating a climate-friendly building and why it is important to address carbon emissions during the entire lifecycle of a building, from the materials used for construction to the supply chains delivering products to job sites.

Read more about Build Beyond Zero [here](#)



**BRUCE KING**

Energy Fellows visit solar roof top of IKEA in Centennial, Colorado



## COLORADO EARTH PARTICIPATED IN COLORADO CLEANTECH INDUSTRIES ASSOCIATION (CCIA)

Lisa Morey with Colorado Earth participated in the Energy Fellows Institute in May and June this year. Energy Fellows Institute (EFI) is an annual executive immersion program providing a platform for the exchange of ideas, opportunity, skills, and community, in order to develop leaders ready to succeed in world-changing advanced energy business. A six-day intensive program dove into Colorado's clean energy and clean technology ecosystem. Some highlighted included a visit to National Renewable Energy Laboratory in Golden, Colorado as well as the solar roof top of IKEA in Denver.

For more information on CCIA please visit <https://www.coloradocleantech.com/>



Energy Fellows visits Energy Systems Integration Facility at NREL in Golden, Colorado

## COLLABORATION WITH PERKS DECONSTRUCTION

Colorado Earth is super excited to be collaborating with Perks Deconstruction! Anna Perks, founder, and her team take a surgical approach to demolition by carefully deconstructing homes and buildings in the reverse order they were built, all with the goal of salvaging, reusing, donating, and recycling as many materials as possible. We work with Perks Deconstruction to obtain reclaimed building materials for our clients, including windows, doors, roof tiles, flooring, trim, garage doors, and more. Through this collaboration, Colorado Earth customers can obtain quality, locally reclaimed materials quickly and at a reduced cost. At a time when many builders are experiencing significant delays with securing materials, we are thrilled to share this opportunity, all while keeping valuable materials in production locally and out of the landfill.

If you're looking for reclaimed materials for a building project, you can [sign up](#) for material alerts directly from Perks Deconstruction.



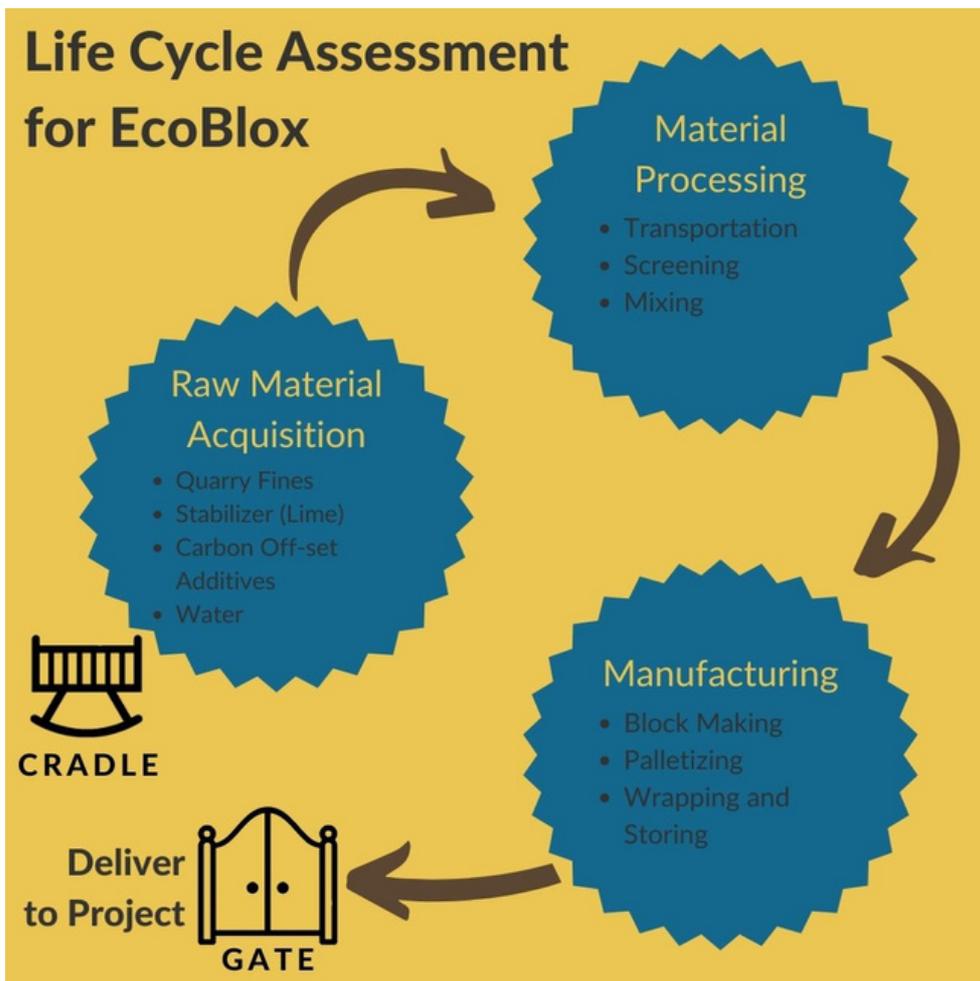
Image on left: Colorado Earth acquires windows, doors, and other building materials from a deconstruction project by Perks Deconstruction in Boulder, Colorado

# Colorado Earth to Obtain a Life Cycle Assessment



**Colorado Earth** is working with Thrive ESG to develop a life cycle assessment (LCA) and prepare for an environmental product declaration (EPD) for its EcoBlox compressed earth blocks made in Golden, Colorado.

## Life Cycle Assessment for EcoBlox



## What is LCA?

LCA is a methodology for assessing environmental impacts associated with all stages of a product, process or service. It's the energy it takes to make something. The five main life cycle stages are: material extraction, manufacturing, packaging and transportation, use, and end of life. One can also separate the manufacturing process from the use and end of life stages. With the goal to be able to compare EcoBlox to other building materials, a "cradle to gate" (i.e., material extraction through completed product with packaging) will be carefully assessed.

## What is an EPD?

An EPD is a document that transparently communicates the environmental performance or impact of any product or material over its lifetime. Within the construction industry, EPDs support carbon emission reduction by making it possible to compare the impacts of different materials and products in order to select the most sustainable option. Think of EPDs as a nutrition label with regards to environmental impacts.

For more information, please visit [www.coloradoearth.com](http://www.coloradoearth.com)

We'd love to hear from you! Drop us a line at [admin@coloradoearth.com](mailto:admin@coloradoearth.com)

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