

Did You Know?

60
PERCENT

Construction is on track to consume 60% of the world's remaining carbon budget. ¹

40
YEARS

The world is expected to build the equivalent of an entire New York City every month for the next 40 years. ²

11
PERCENT

Building materials account for 11% of global greenhouse (GHG) emissions. ³

The Good

New innovative materials are being developed to massively reduce the carbon footprint of buildings and infrastructure.

The Great

Eliminating all CO₂ emissions from the built environment by 2040 meets the 1.5% climate target. ⁴

The Bad

Initially, low-carbon and carbon-storing building materials will carry a green premium, slowing adoption rates.

The Big Question

Is there a solution that will propel the use of low-carbon and carbon-storing materials AND drive revenue streams so we can create a building stock that heals our planet?

The Answer:
YES

The Solution

Aureus Earth has developed a financing solution that creates value for carbon reduction and storage in new building projects. Our patented Carbon Asset-backed Securities (CABS) securitizes the monetization of carbon that is stored and avoided by new building projects, thereby closing the funding gap and accelerating the path to a decarbonized built environment.

The Impact

Financial Impact

- Closes the funding gap.
- Increases project value.
- Investment groups execute on ESG targets while generating revenue.

Environmental Impact

- Speeds adoption of low-carbon and carbon storing materials.
- Directly address a major source of GHG emissions.
- Unlocks the building's ability to act as a carbon sink and combat climate change.

Overall Impact

A radically transformed and decarbonized built environment

¹ Source: Carbon Emissions of Infrastructure Development. Müller D.B., et al. (2013)

² Source: United Nations

³ Source: Rocky Mountain Institute

⁴ Source: Architecture 2030

Mission

To monetize the built environment's ability to combat climate change.

Areas of Focus

Aureus Earth injects capital into new building and infrastructure projects for the purchase and use of materials that will store and/or reduce embodied carbon emissions. Our first offerings are designed for the mass timber market. We will continue to develop financing mechanisms for other materials into our portfolio to expand our impact. Current materials in our pipeline include low-carbon and carbon-storing concrete, bamboo, and low-carbon and carbon-storing steel.

Featured Projects



Founders Hall
University of Washington
Completed







Bakers Place
Madison, WI
Under Construction



The Edison
Milwaukee, WI
Under Construction

Leadership Team

-  **Salmeron Barnes**
Founder & CEO
-  **Adam Orens**
Founder & COO
-  **Wil Srubar, PhD**
Founder & Chief Science Advisor
-  **Michelle Grieshaber, PhD**
Strategic Advisor

Collaborators

Industry Organizations

American Concrete Institute | Built by Nature | Carbon Leadership Forum | Endeavour | NRMCA | RMI | SE2050 | Structural Engineering Institute

AEC Firms

ARUP | Crescent | Folkhem | KL&A | Lendlease | LMN | Magnusson Klemencic Associates | Mithun | Neutral Project | Perkins&Will | Prologis | Skanska | SOM | Sumitomo Forestry | Turner | Waugh Thistleton

Trade Organizations

Binational Softwood Lumber Council | CEI-Bois | Softwood Lumber Board | U.S. Endowment for Forestry and Communities | Woodknowledge Wales

Contact

Are you a developer, architect, or engineer planning your next decarbonized building project? Are you an institutional investor, seeking projects with environmental and financial benefits? Are you a material supplier developing products that will substantially reduce the carbon footprint of each construction project? Please get in touch.



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