



PROMETHEUS
MATERIALS

Accelerating the World's Future to Carbon Negative

Carbon Negative Cement + Concrete

www.prometheusmaterials.com

Who we are

Prometheus Materials makes a **low carbon cement replacement**, a supplemental blend, that replaces cement in a 1:1 ratio.

- ✓ Blended cement
- ✓ Meets ASTM c1157
- ✓ Replace 10%-40% of cement

Buy-in: Our Strategic Partners are Investors



SOM

Projects:

- College Campus (California)
- Sustainable Solution Project (New York)
- Showcase Project (Chicago)
- Large data center airflow panel manufacturer



CLAYCO

Projects:

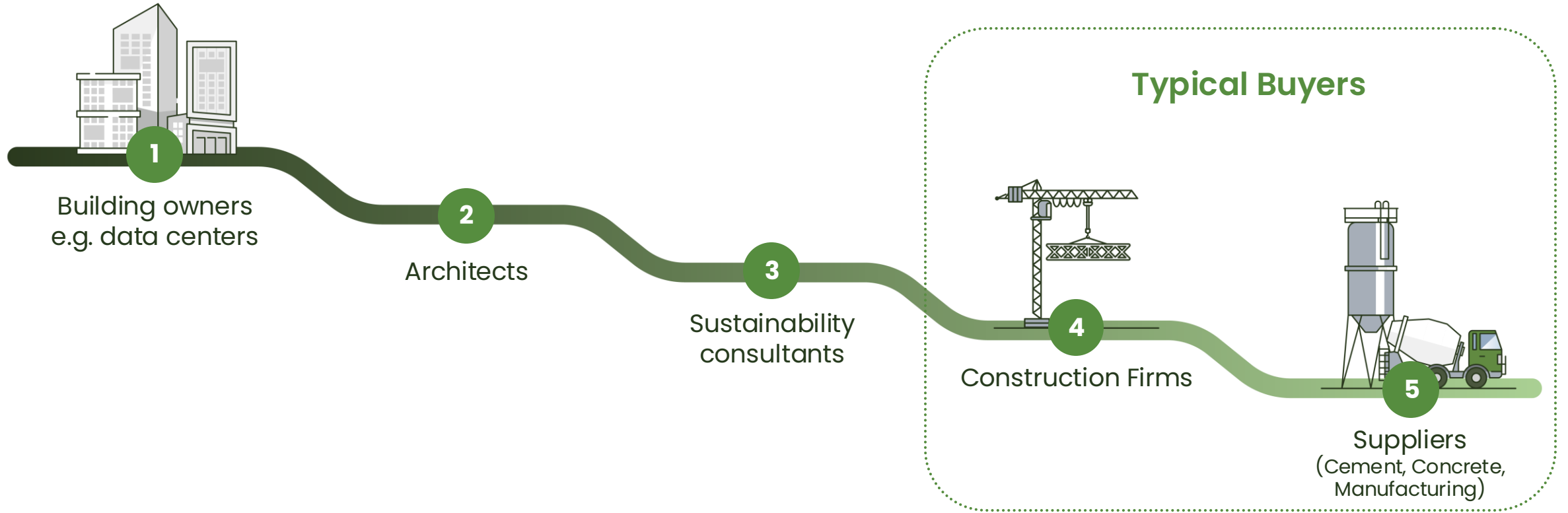
- Headquarters (Missouri)
- Data Center Pilot Project (SE)
- Large construction project (MW)




Green Stream Farms

10+ year partnership and exclusive microalgae and biomineral supply across North and South America

Value Chain



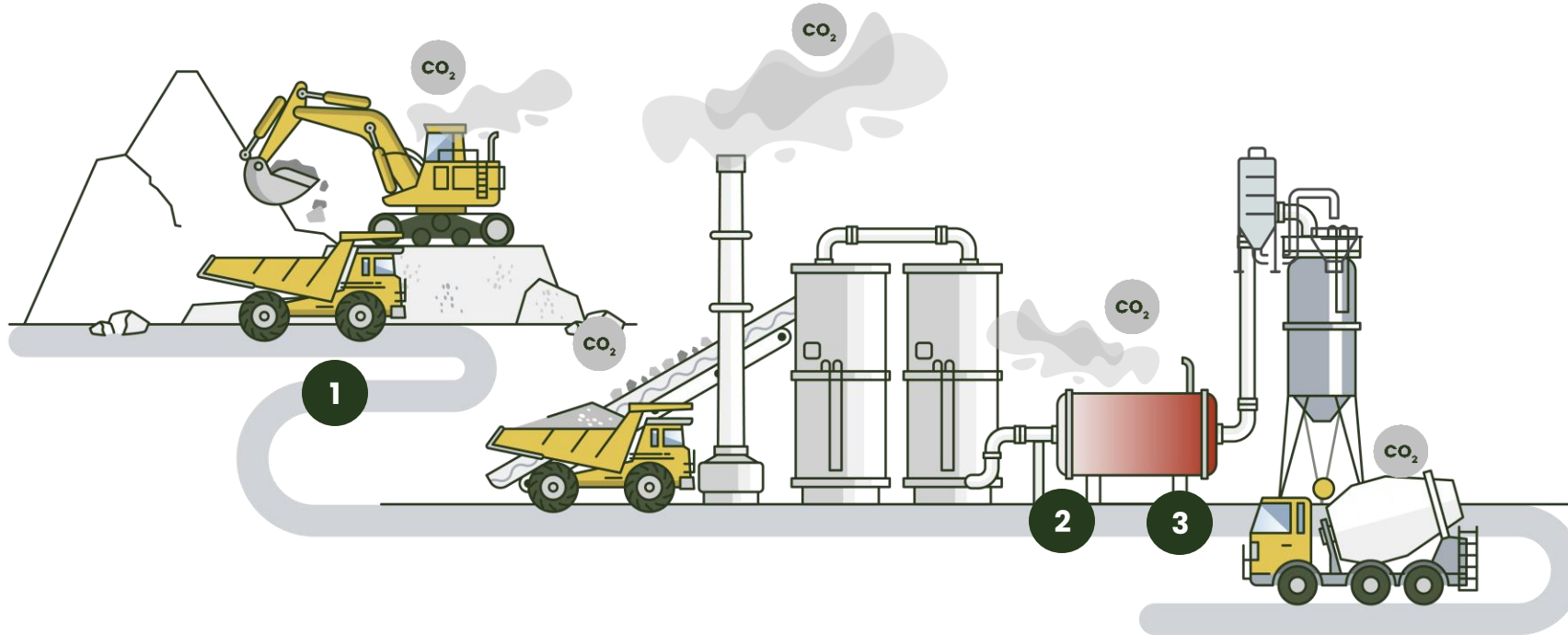
ESG goals

State mandates
Ecofriendly mindset

Keeping up with competition

Typical Cement is very Carbon Intensive

Every step creates embodied carbon.



Mining & transport of heavy limestone

Industrial kiln burns fossil fuels to 1500°C

Chemical reaction releases CO₂

8%

of the world's total carbon emissions come from the concrete industry—that's a big problem.

The building boom equates to building a New York City every month for the next 35 years.

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Mining & transport of heavy limestone

1

Industrial kiln burns fossil fuels to 1500°C

2

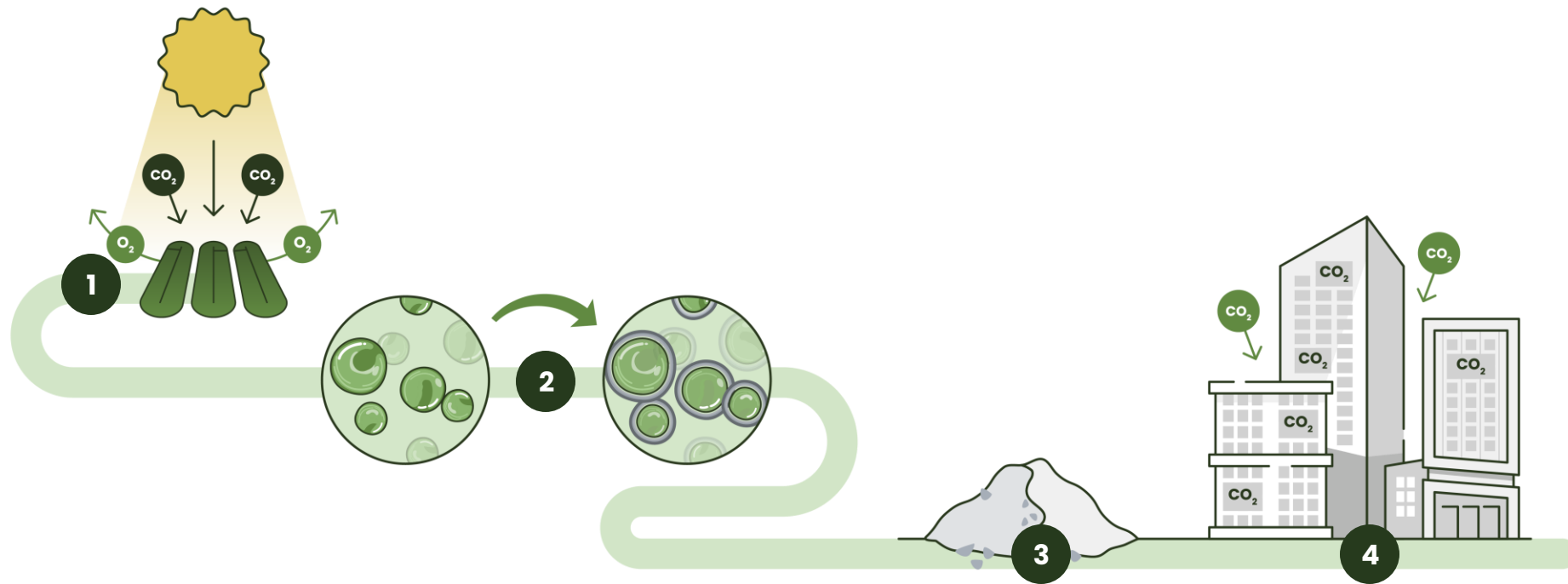
Chemical reaction releases CO₂

3

Avoid & Sequester

Here, microalgae is the key.

We mimic nature's method of forming seashells and coral reefs to create a cement replacement.



Algae growth sequesters carbon

Through biomineralization, algae produces limestone

Carbon negative cement replacement is generated

Carbon is stored indefinitely into the final building product

1

2

3

4





The Process

From Algae to Carbon Negative Cement & Concrete



Long Term Supply Certainty

Green Stream Algae invests \$2M and becomes strategic partner

-  **10+ year partnership**
with two 5-year extension options
-  Exclusive microalgae supply across
North and South America
-  Core input secured for ProZERO™ production
-  Algae and biomineral supply certainty

**Supply Secured.
Commercial Scale Unlocked.**

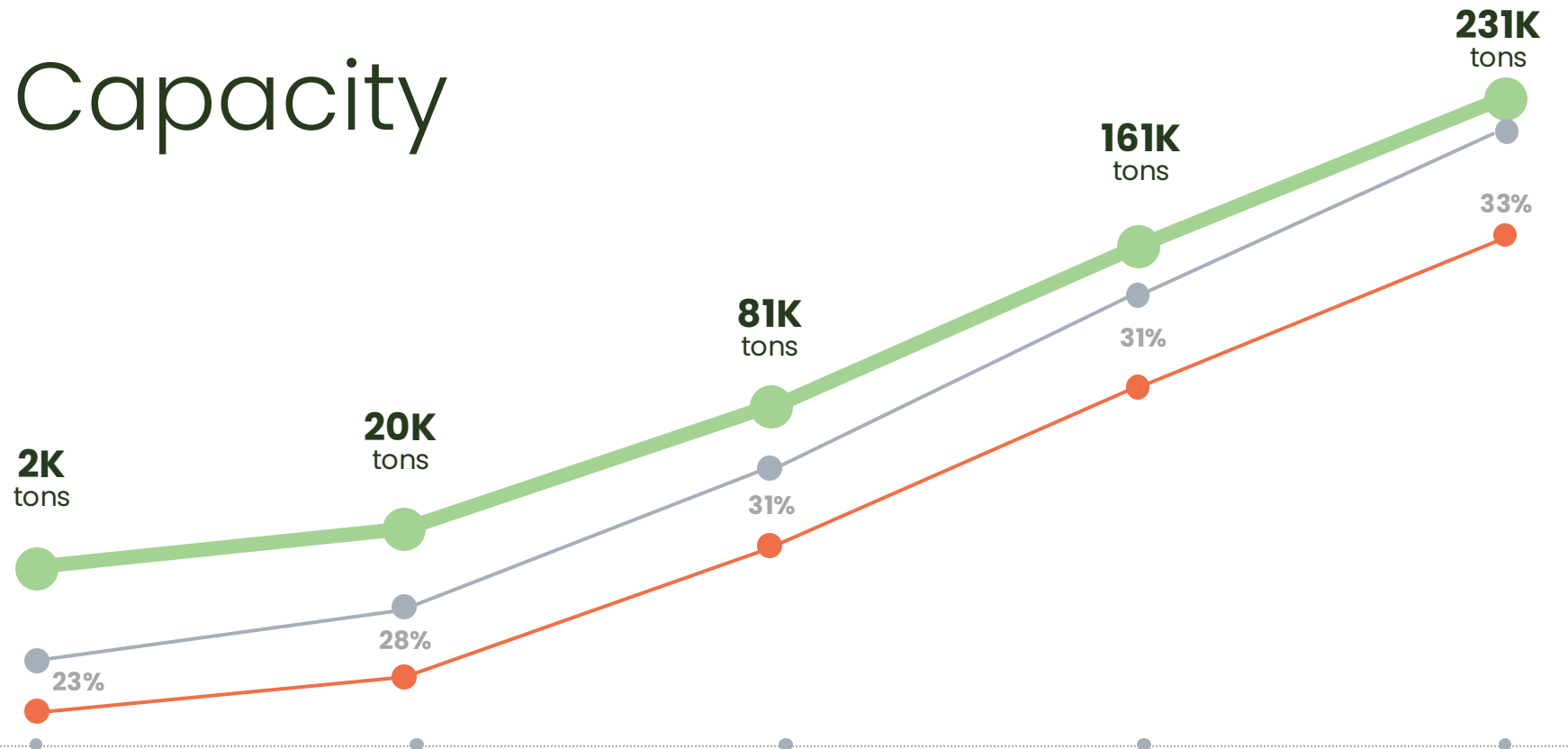


Production Capacity

ProZERO™

Gross margin %

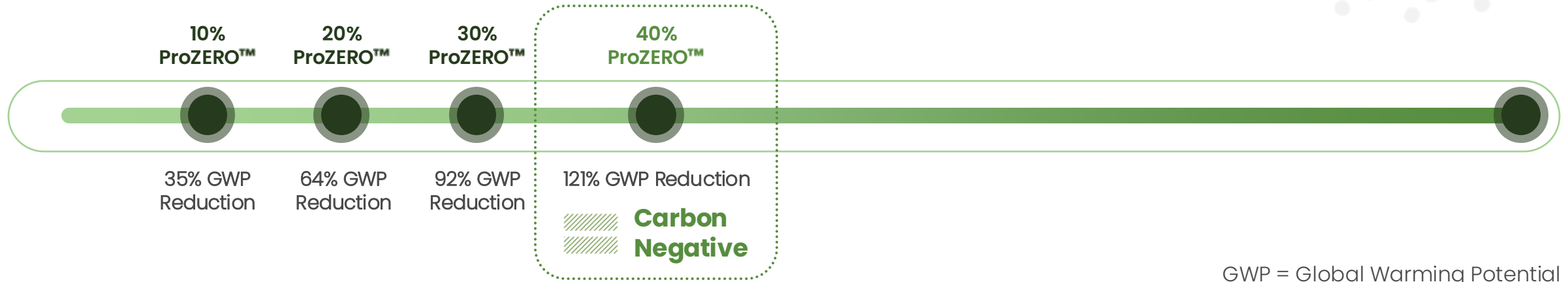
Revenue



	2026	2027	2028	2029	2030
Cubic yards Concrete	34K cy	325K cy	1.3M cy	2.6M cy	3.7M cy
Data Center Equivalent	2	17	71	141	202
Revenue	\$1,810,500	\$17,203,150	\$68,800,000	\$136,900,000	\$196,500,000
Gross Profit	\$413,032	\$4,780,383	\$21,500,000	\$42,200,000	\$57,700,000

PROZERO™ Blend

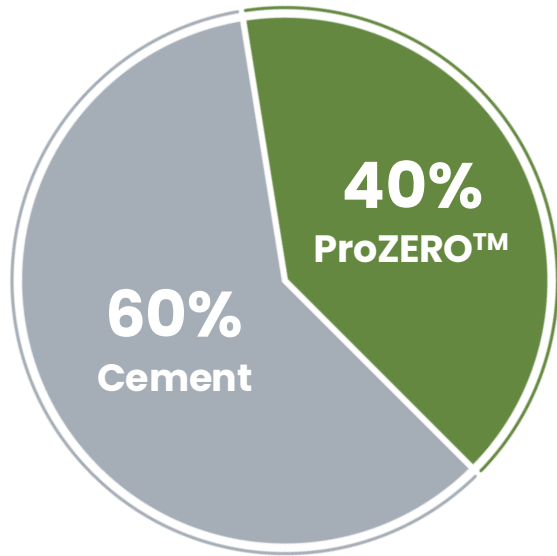
Prometheus makes a low carbon cement replacement, a supplemental blend, that **replaces a portion of cement in a 1:1 ratio.**



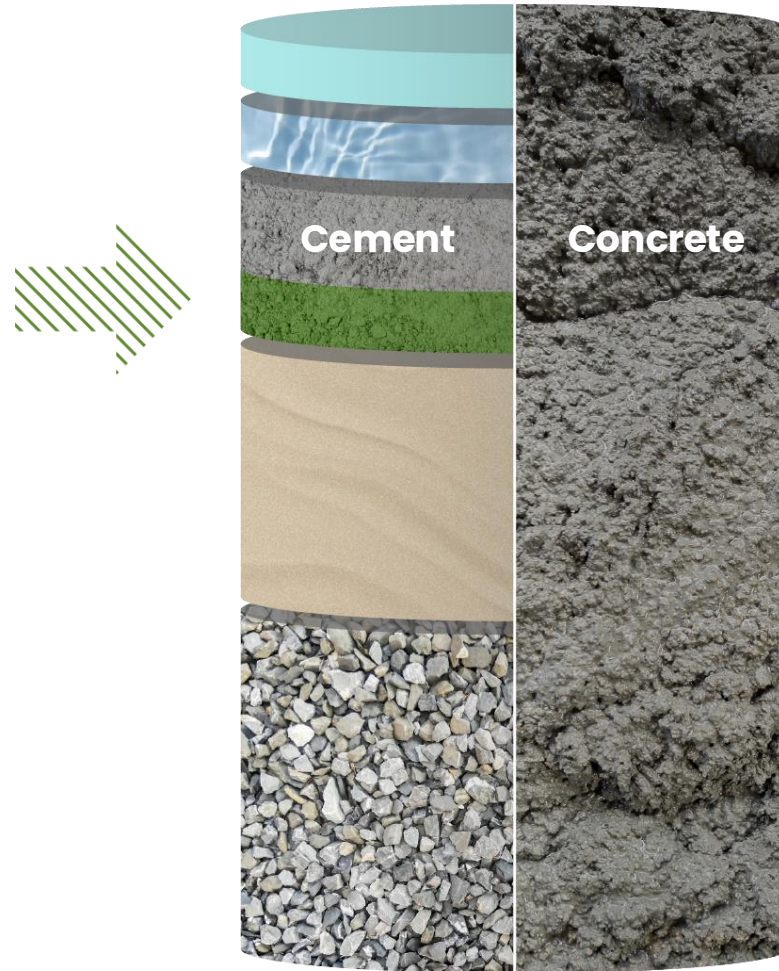
Solutions such as mass timber, low-or no-carbon interior finishings, and **zero-carbon cement are leading a materials revolution.**" - Gensler, top architectural firm

Cement VS Concrete

Replacing a small portion of cement with ProZERO™



 **Carbon Negative Concrete Mix**



Also known as **Ready Mix**



Concentrated Solution

Do more, with less



Standard Solution

For example, fly ash and slag



Concentrated Solution

ProZERO™



GWP Reduction

Similarly, ProZERO™ is a concentrated solution, allowing you to do more with less.

The **cost in use** is 7.5% less than the market leader.

Data Center Hyper-Scaler Tasked Prometheus with 35% reduction in GWP

Relative to the national NRMCA 2019 benchmark of 4000 PSI

Here's a cost comparison illustrating how other carbon reduction strategies meet the demand:

Cost & Carbon Impact: Comparison to Achieve 35% Reduction in GWP				
4000 PSI Mix	National Benchmark Design	Fly Ash	Slag	ProZERO™
Cement (\$200/ton)	\$48	\$41	\$45	\$54
Carbon Reducer	\$5	\$11	\$9	\$17
Carbon Reducer 2	\$2	-	-	-
Additives	\$5	\$10	\$6	\$5
Aggregate	\$31	\$31	\$31	\$31
Total Concrete Cost	\$91	\$93	\$91	\$107
Install and Finish	\$150	\$179	\$160	\$150
Total Package Cost	\$241	\$272	\$251	\$257
Replacement Percentage		30%	23%	7%
GWP Reduction		35%	35%	35%
GWP Target 35% reduction of 2019 NRMCA (263)	263	171	171	171

*costs are estimates and relative to region and supplier

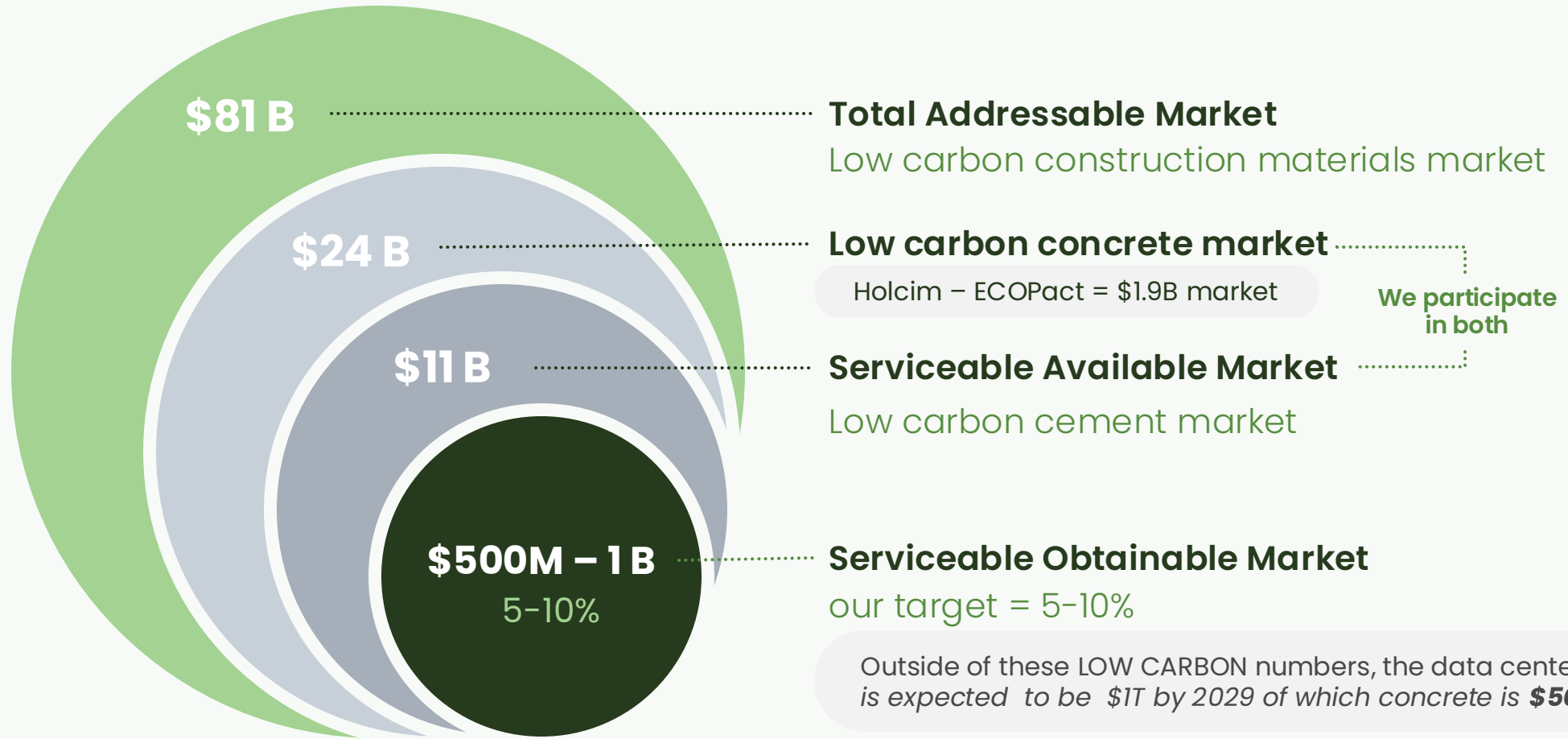
Key Takeaways

- With ProZERO™, you can do more with less
- Slag and fly ash are harder to finish and supply constrained
- The market leading carbon reducer can't meet the spec.

ProZERO™ was implemented as the carbon reduction strategy for this data center owner.

Concentrated Solution. Meet the demand. Keep the cement. Lose the carbon.

US Market Estimates for 2029



Outside of these LOW CARBON numbers, the data center market is expected to be \$1T by 2029 of which concrete is \$50B.

Source: Dell’Oro Group, “Data Center Capex to Surpass \$1 Trillion by 2029,” May 2024.

Market Comparison

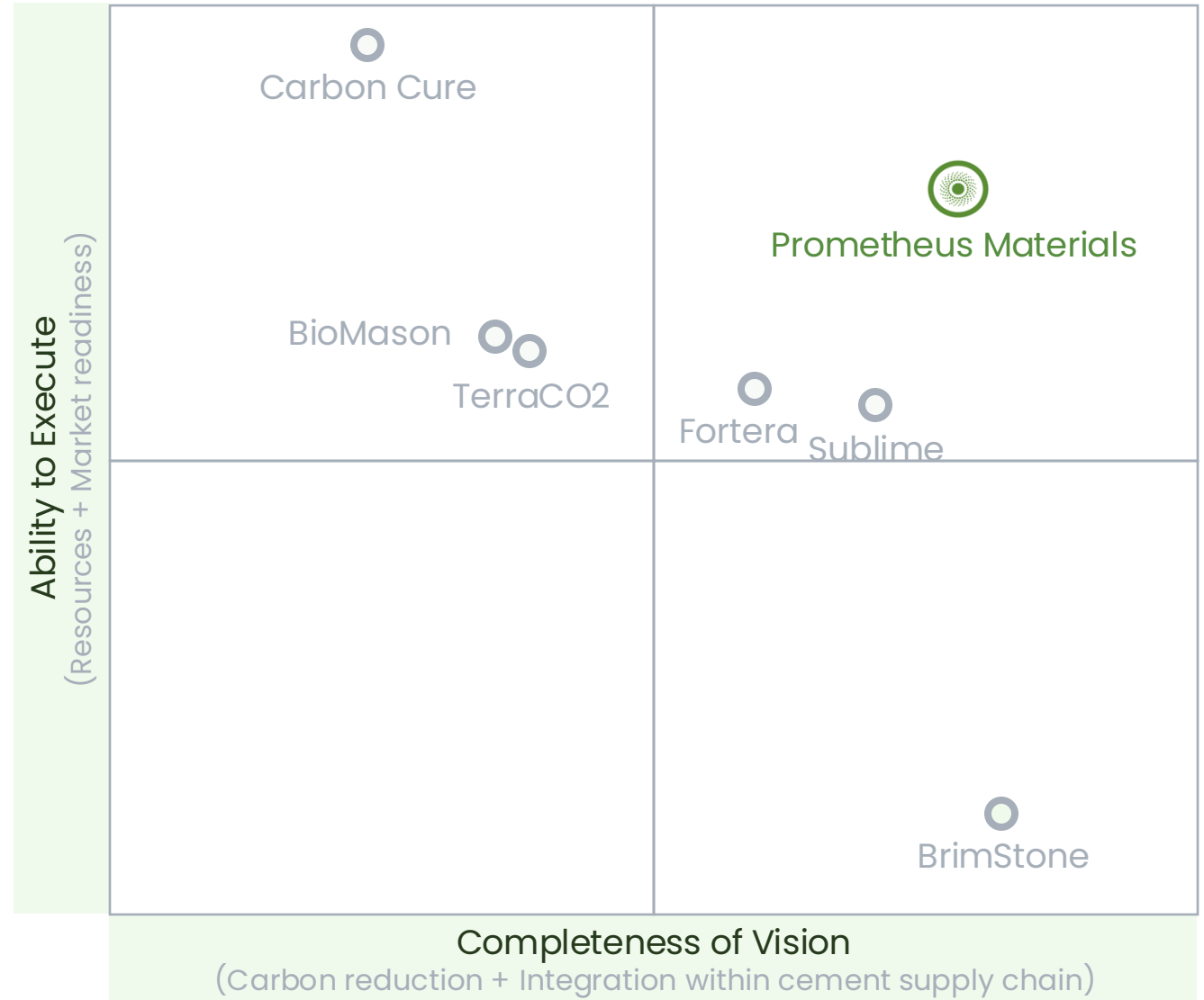
Prometheus Materials

Most GWP reduction...
for the least amount of resources &
complexity
Currently IN PRODUCTION

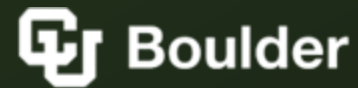
CAPITAL LIGHT MODEL

We require the least amount of —

- Capital at scale
- Changes to existing infrastructure
- Cost in place for concrete package



Our Strategic Partners, Clients, and Recent Installations



The Team



Loren Burnett
President, CEO and
Co-founder

- 6 tech companies – founder
- 4 based on tech transfer agreements
- 1 green company founder
- 5 exits generating \$375M in shareholder gains
- \$190M raised
- 17 M&A transactions
- 1 IPO filing



John Hottle, PhD
Director of Research
& Development

- 25+ years Product development
- 16+ years R&D leadership
- Commercialization - developed 25+ products from lab to market
- Global Manufacturing, Department of Defense, and Academia



Stephen Bell, PhD
Director of
Biotechnology



Jaclyn Gruber
Chief Marketing
Officer



Colin Tansey
Manager of Manufacturing
and Operations

Key Financial Data (mil)

	2026	2027	2028	2029	2030
Tons of ProZERO™ Sold	2k	20k	81k	161k	231k
Revenue	\$1.8	\$17.2	\$68.8	\$136.9	\$208.1
Cost of Goods Sold	\$1.4	\$12.4	\$47.3	\$94.6	\$138.9
Gross Profit	\$0.4	\$4.8	\$21.5	\$42.2	\$69.2
Gross Margin	23%	28%	31%	31%	33%
SG&A	\$5.7	\$8.4	\$10.8	\$12.8	\$12.4
EBITDA	(\$5.3)	(\$3.6)	\$10.7	\$29.5	\$56.8

**EBITDA Positive in Q1 2028



\$208M+

Revenue by 2030

Capitalization

\$8M

SERIES A

\$8M

BRIDGE / CONVERTIBLE DEBT

\$8-10M

Preferred Series A-3
Financing Round

Production Facility in CO



\$26.8 mil Pre Money Valuation

Sofinnova Partners \$2.0 mil

Clayco Construction \$2.5 mil

3X Liquidation Preference

Strategic Partnership with our algae
supplier GSA - \$2.0M Investment

PROMETHEUS

MATERIALS



Loren Burnett

President, CEO, Co-founder

loren@prometheusmaterials.com

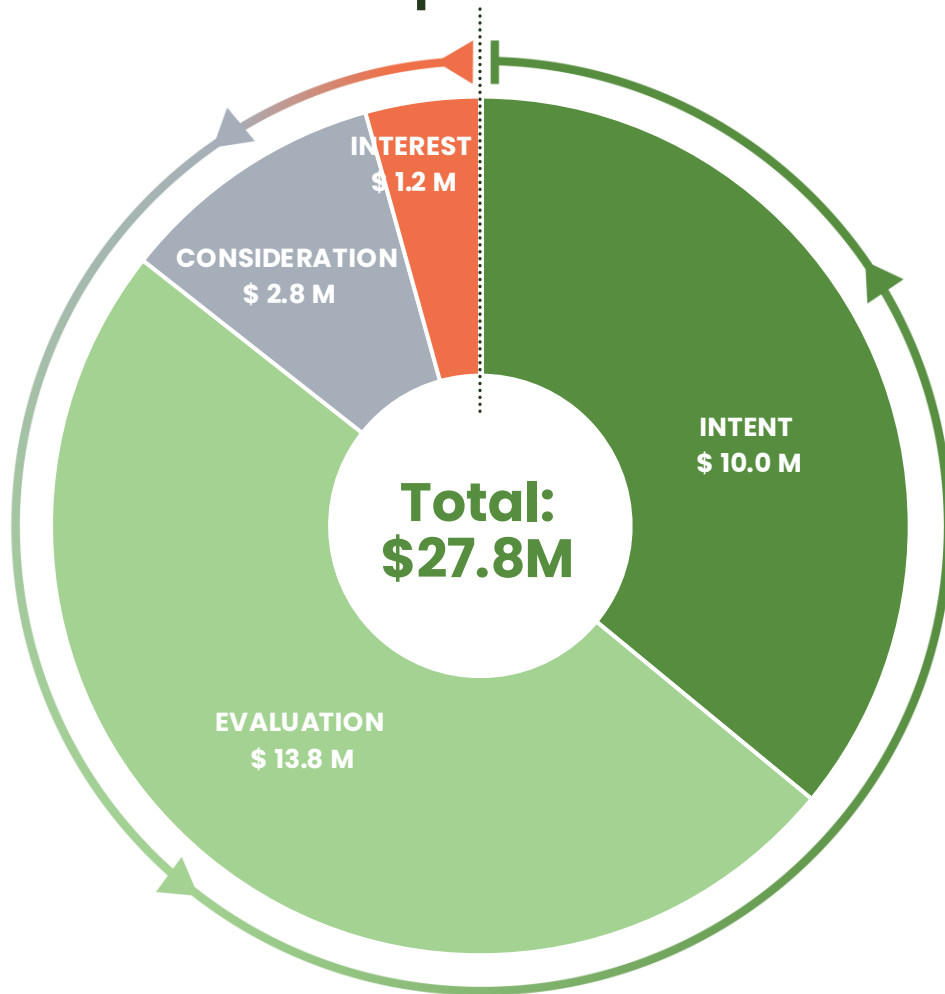
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Appendix

Sales Pipeline



Interest > Consideration > Evaluation > Intent > Purchase

INTENT

Ready to purchase. All testing and evaluation is completed. Exploring placement in projects.
- Represents 200% of revenue projections 2026

EVALUATION

Testing protocols are established and materials exchanged, side-by-side testing, demonstration pours.

CONSIDERATION

NDAs completed, technical data exchanged with R&D teams.

INTEREST

Conversations with design team and QA/QC, explore ProZERO™ opportunities.

The market is taking action

✔ States in the US and countries worldwide are mandating the use of low carbon cement

✔ Corporate ESG goals require carbon reductions:

EXAMPLE: Google, Meta, and Microsoft have declared carbon negative by 2030, and Amazon by 2040.

✔ Europe has a green-building pact to achieve carbon-neutral by 2050.



Commercial Projects



Ready Mix at University of Colorado
with Ready Mix Producer and General Contractor

Type: Finishability Test

Partners: Hensel Phelps

Result: ProZERO™ replaced 40% cementitious material to test finishability. Provided carbon negative design.



Interior Floor Plate at Construction Firm Headquarters
with Full Service Construction Firm and Concrete Contractor

Type: Finishability Test

Partners: Clayco

Result: ProZERO™ replaced 40% cementitious to test finishability. Provided carbon negative design.



Bio-Block Spiral at the Chicago Architecture Biennial
Still standing today

Type: Installation

Partners: SOM/ IMI/ Clayco

Results: Bio blocks saved over a metric ton of carbon compared to conventional concrete blocks.

Go-to-Market Plan

How?



We start by replacing a percentage of cement.

In a very mature industry, we achieve adoption by starting with a **supplemental blend**. Using supplemental blends is a widely adopted process within the cement & concrete industry.



How much does **PROZERO** cost?

THE BOTTOM LINE -



ProZERO™ Mix **costs 6% less** than the market-leading reduced carbon mix

WHY?

1

Need **less additives** in mix design



2

Reduced Installation and finishing costs

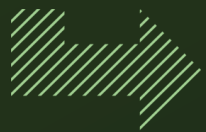


3

Need **less ProZERO™** to achieve **greater reduction** to GWP, a concentrated solution

Prometheus Materials' mission is to become a leading provider of **reduced carbon cement technology to the entire cement and concrete industry.**

- ✓ In production and selling now
- ✓ Available globally
- ✓ Capital lite business model
- ✓ Integrates with existing supply chain & compliant with building standards



The most cost effective way to reduce your carbon