

06.04.2025

BAUXCRETE



THE PROBLEM

**RED
MUD**

5 billion tons stockpiled globally

200 million tons added yearly

CAUSING

**WATER
CONTAMINATION**

**LAND
DEGRADATION**

**HIGH DISPOSAL
COST**

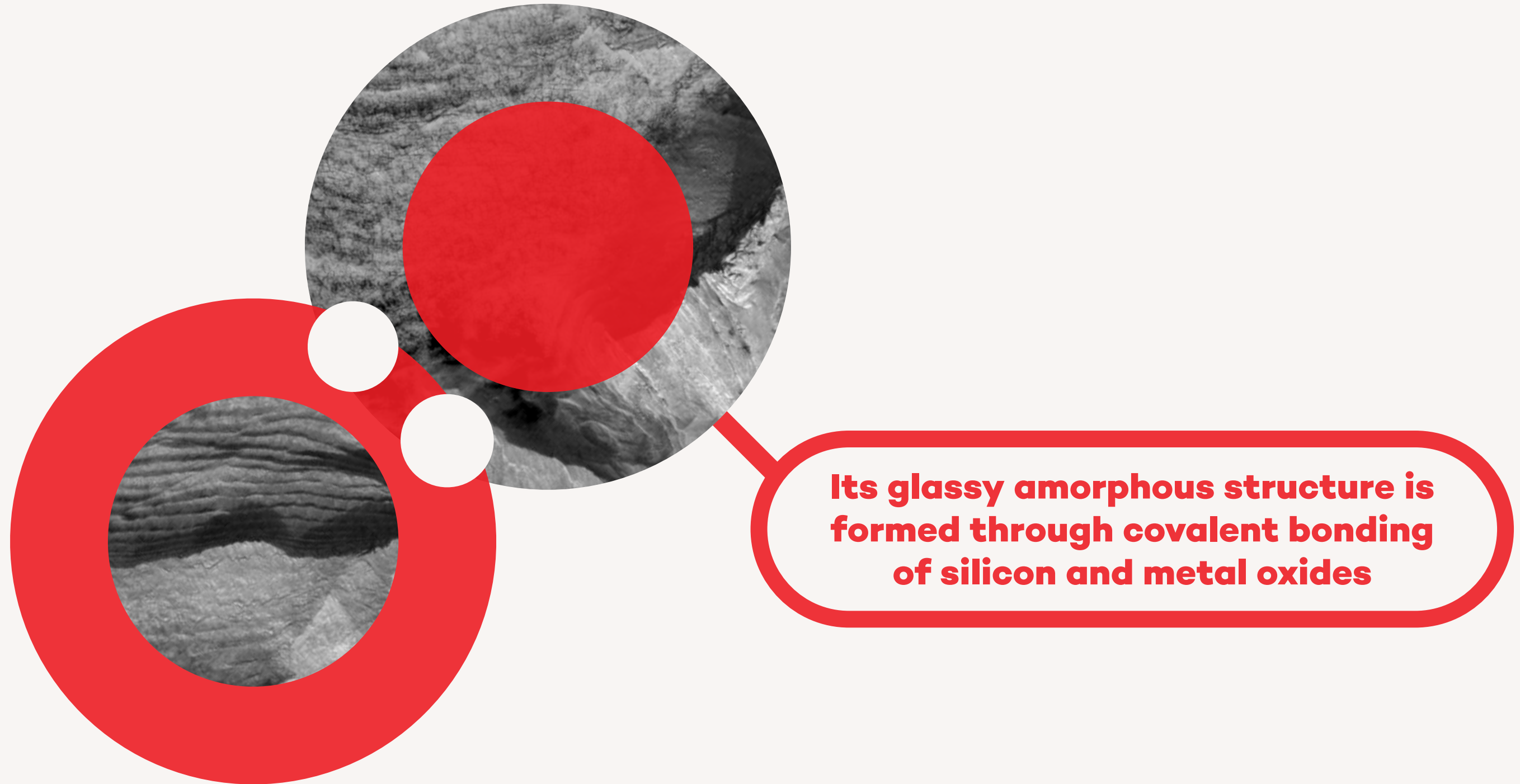
THE SOLUTION

BAUXCRETE



**Formulated from the industrial waste
byproduct of aluminum production**

HOW IT WORKS



BAUXCRETE DIFFERENTIATOR



LIFESPAN

**lifespan is measured
in millennia**

While OPC degrades within 50–100 years and requires frequent repairs, Bauxcrete ensures a lifespan measured in millennia. It delivers superior compressive strength, sets faster, and resists pH fluctuations, chloride infiltration, and sulfate exposure, making it ideal for harsh environments like marine and industrial settings common in U.S. coastal and industrial regions as well as everyday environments such as driveways, foundations and curbs.

BAUXCRETE DIFFERENTIATOR



**PERFORMANCE
& DURABILITY**

**unique structure ensures
superior performance
and durability**

Bauxcrete’s unique glassy amorphous structure, formed through covalent bonding of metal molecules, ensures superior performance and durability for millennia, making it a reliable choice for long-term U.S. infrastructure.

BAUXCRETE DIFFERENTIATOR



**AESTHETIC
APPEAL**

**a unique design
alternative**

While Bauxcrete can be colored, its brick-red color offers a unique design alternative to OPC's gray tone, broadening its appeal for architectural and design-focused applications in the U.S.

SUSTAINABILITY

ENVIRONMENTAL IMPACT

CO₂ REDUCTION

Bauxcrete slashes emissions by 90% compared to OPC, aligning with U.S. climate goals and qualifying for carbon credit programs that enhance profitability through additional revenue streams, supporting sustainable construction practices.

WASTE SOLUTION

By repurposing 60–85% red mud, Bauxcrete diverts 850 kg per ton from impoundments, addressing the 5 billion ton global stockpile and as much as the 200 million tons generated annually. Bauxcrete turns a costly liability into a valuable resource that drives both environmental and economic benefits in the U.S., solving a market problem by eliminating a waste product.

SOCIAL AND ECONOMIC IMPACT

SUSTAINABILITY

JOB CREATION

Each facility creates 100+ direct jobs and 350 indirect jobs in manufacturing, logistics, and supply chains. These facilities boost industrial regions like Midland and Point Comfort, Texas, support operational scale, and contribute to local economic development across America, where job growth in construction is a priority.

RESILIENT INFRASTRUCTURE

Bauxcrete's millennia-long durability (vs. OPC's 50–100 years) supports sustainable housing and disaster-resilient construction in the U.S. It also aligns with LEED credits and climate policies, and opens high-demand markets like affordable housing and public infrastructure, where longevity reduces long-term costs.

PROFIT DRIVER

Beyond social good, Bauxcrete's impact drives financial value through carbon credits, cost savings (red mud disposal costs \$20–\$40/ton), and job creation in America. Bauxcrete is a win-win for investors seeking both strong returns and a positive environmental footprint in the U.S. construction sector.

VIABILITY AND GROWTH POTENTIAL

MARKET VALIDATION

PRODUCTION COST

At a production cost of \$102.70/ton (vs. OPC's \$100/ton), with well cement margins of \$260–\$400/ton, higher production costs are offset by lower maintenance costs as opposed to OPC's higher maintenance costs due to its limited lifespan.

SCALABILITY

Our scalability extends beyond capacity to sell—Bauxcrete leverages U.S. and global red mud impoundments in regions like Texas, Guinea, Canada, Ireland, Greece, Spain, Jamaica, the Middle East, and Australia. It leverages these impoundments for raw material access, employs modular plant designs for rapid expansion across states and continents, and targets diverse applications from oil and gas well cement to general construction and infrastructure, ensuring broad market adoption. This scalability is supported by strategic partnerships with U.S. construction firms, a streamlined supply chain, and a production process that can be replicated globally, positioning Bauxcrete for long-term growth in the U.S. and beyond.

GO TO MARKET PLAN



GO TO MARKET PLAN

Break-even equity investment expected within 36 months from sales commencement,



with well cement driving early-stage profitability in the U.S. non-equity capital infusion expected to receive a 20% return on investment, with capital repayment commencing within 24 months of sales commencement (42 months from initial capital infusion) and full capital repayment within 50 months of infusion, ensuring financial stability for investors and supporting expansion across the U.S. construction sector.

Full permitting for general construction in the U.S. is targeted within 2-6 mos post-funding,



with oil well capping deployment expected sooner upon Texas Railroad Commission approval, allowing for rapid commercialization across multiple U.S. sectors, from energy to public infrastructure, and positioning Bauxcrete as a leader in sustainable construction materials with a clear path to market entry and growth.

REVENUE FORECAST

YEAR 1

\$45.0M revenue
\$13.5M gross profit
\$6.7M operating profit,

driven by U.S. well cement sales in the oil and gas sector, a key market for durable cement solutions.

YEAR 2

\$81.3M revenue
\$24.4M gross profit
\$12.2M operating profit,

expanding into U.S. infrastructure projects such as highways, bridges, and public buildings, where longevity is critical.

GOALS

**UNITED
STATES**

5-7%

penetration in 10 years yields
\$750M-\$1.05B in annual revenue

GLOBAL

3-5%

penetration in 20 years yields
\$13.11B-\$21.85B in annual revenue



GOALS

REVENUE STREAMS

Bauxcrete will generate revenue through sales to U.S. oil and gas, infrastructure, and commercial construction sectors, costing competitively with OPC at \$102.70/ton while earning premium margins of \$260–\$400/ton on well cement, ensuring profitability.

CUSTOMER ACQUISITION

Strategic partnerships with U.S. industry leaders (under NDA) enable rapid market entry and early revenue, targeting high-value verticals from the outset, such as oil well sealing and infrastructure projects.

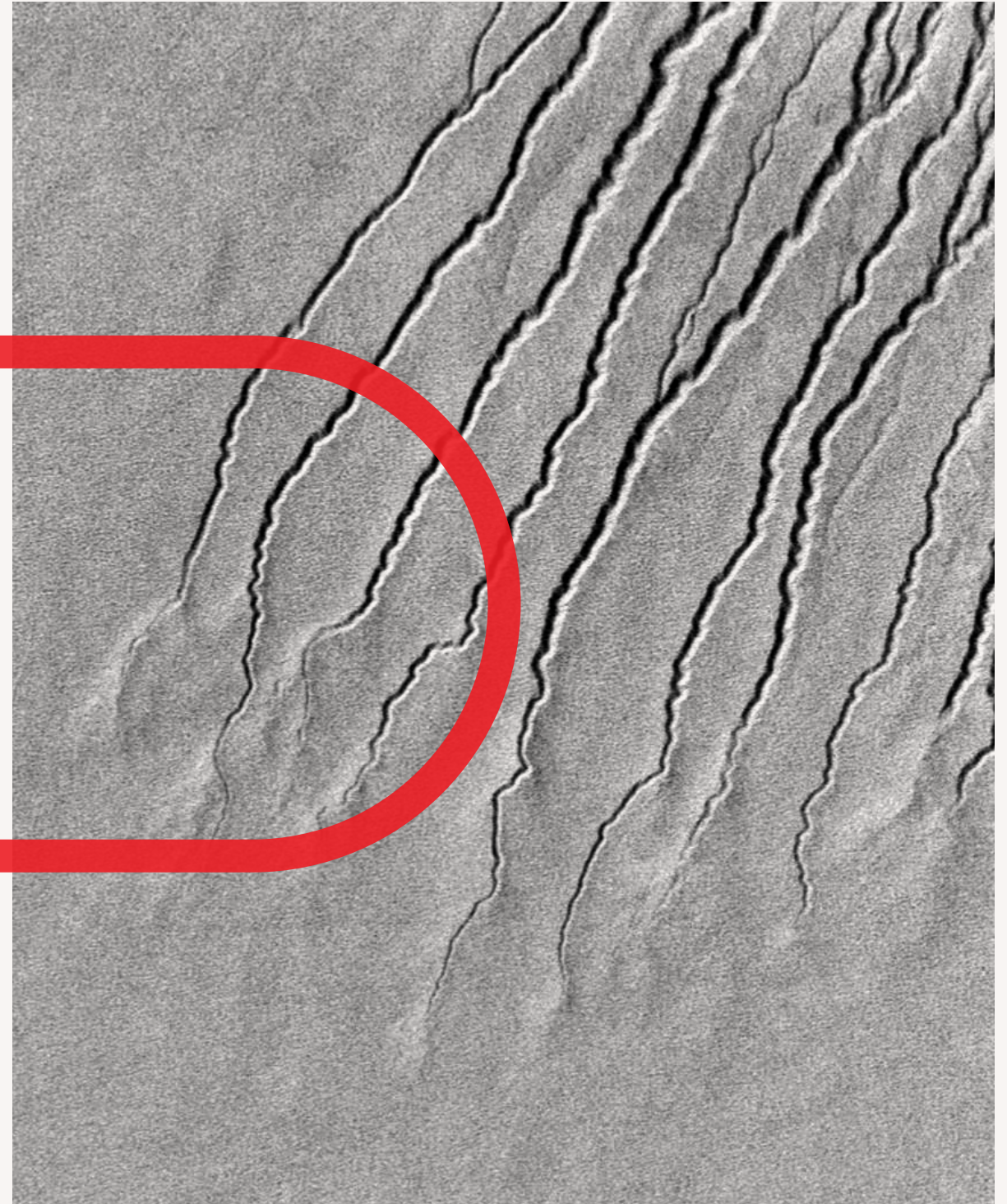
REGULATORY MILESTONES

Bauxcrete is advancing through ASTM C1157 re-certification and Texas Railroad Commission approval, ensuring a clear path to market with minimal barriers.

SUMMARY

With a scalable solution to the red mud crisis, strong revenue potential, and de-risking via public-private capital, Bauxcrete offers investors high returns as a positive environmental impact, backed by a proven team and technology. ●●

INVESTMENT OPPORTUNITY



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RMPPC Solutions, Inc. is seeking \$10–\$16 million in equity funding to construct our first commercial-scale Bauxcrete facility in Texas, offering construction industry investors a rare opportunity to invest in a high-growth venture with significant return potential. Anchored by a patent-pending technology (filed January 2025) and a leadership team with over 150 years of experience, this capital raise positions Bauxcrete to capture a 5–7% share of the \$15 billion U.S. cement market by 2035, transforming red mud into a high-performance cement that exceeds OPC standards in durability, performance, and longevity. To optimize our capital structure and reduce dilution, RMPPC has engaged Civicus Group, a consultancy specializing in public funding, to secure \$4–\$5 million in non-dilutive government incentives through state and federal programs. These funds, expected by Q3 2025, will support construction, workforce training, and R&D, lowering equity needs and risk for investors.

INVESTMENT OPPORTUNITY

TEXAS ENTERPRISE FUND

\$1M–\$3M for job creation and investment, supporting Bauxcrete’s expansion in Texas and beyond.

TCEQ ENVIRONMENTAL GRANTS

\$1M–\$3M for carbon-negative innovation, aligning with U.S. environmental goals.

WORKFORCE TRAINING SUPPORT

\$500K for employee training, ensuring a skilled U.S. workforce.

FEDERAL R&D AND INFRASTRUCTURE GRANTS

\$500K–\$2M for innovation, enhancing Bauxcrete’s technology.

LOCAL TAX INCENTIVES

Location-specific benefits, pending confirmation, to reduce operational costs. The cost to secure this funding is \$110,000–\$130,000, a modest investment for a capital infusion that signals government support and de-risks early-stage capital.

INVESTOR RETURNS

At 5–7% U.S. market penetration, Bauxcrete projects \$225M–\$315M in annual profit by 2035, with carbon credits (\$50–\$100/ton CO₂ offset) adding upside. Year 1 revenue is forecasted at \$44.9 million, scaling to \$81.3 million in Year 2.

OUR TEAM



GARY MURRILL (CEO)

With an illustrious 43-year career in oil and gas, Gary has a proven track record of driving exponential growth, having scaled Baker Hughes’ Permian Basin revenue from \$3.1M to \$8.4M in just one year and growing Welltec from \$0 to \$64M over a decade, ensuring Bauxcrete’s market entry is robust and strategically executed.



GREG MURRILL

A cement innovator with 25 years at Warren Petroleum, Greg drives oilfield sales and technical solutions, ensuring robust market penetration in high-value U.S. markets like oil and gas, where Bauxcrete’s durability is a game-changer.



BOB BAMSEY (CFO)

A seasoned finance leader with over 20 years in banking, Big Four accounting, and Fortune 100 roles, Bob projects \$44.9M in Year 1 revenue and \$81.3M in Year 2, ensuring financial strategies that maximize investor returns and operational stability for U.S. expansion.



AHMED OMER

A municipal engineering leader with extensive infrastructure experience, Ahmed ensures Bauxcrete meets public sector standards, enhancing scalability for U.S. infrastructure projects such as bridges, highways, and public buildings.



IAN ALEXANDER

An economic development expert with 15+ years in public-private partnerships, Ian secures critical incentives and strategic alliances to fuel Bauxcrete’s expansion across the U.S. construction sector, leveraging his network to facilitate market penetration.



ROD ZUBROD

A materials engineering pioneer with 42 years of experience and 8 patents, Rod has developed Bauxcrete’s geopolymers technology since 2008, providing a proprietary edge that positions Bauxcrete as a leader in sustainable construction materials for the U.S. market. buildings.



**THANK
YOU**