BIOCHAR LIFE

Biochar carbon removal with smallholder farmers

biochar.life Highland Park, NJ

Female Founder | Service | Agriculture & Agtech | Sustainability | Repeat Founder

Highlights

Repeat Founder
Founder has started a previous company funded with $2M+

1 Massive environmental impact! Biochar Life removed 6% of all longterm carbon

removals in 2023.

2. Raising on a Revenue Share. 5x revenue growth in the last 12 months - $150,000 to $800,000.

3. Closed $150,000 investment from Ground Up Investing in December, 2023.

4. More than 750 smallholder farmers in Africa are currently benefiting from being part of our program.

5. Increased social equality with more than 60% of our farmer teams being female.

6. We have a healthy pipeline of buyers for the next two years - including $800k in committed orders.

7. Developed verification standards with Carbon Standards Intl. and European Biochar Certificate.

8. Impact in number of areas with alignment to many of the Sustainable Development Gaols (SDGs).

Featured Investors

Ground Up Investing LLC Follow

Ground Up Investing funds high-impact enterprises that deliver social, economic and environmental benefits for local communities
groundup-investing.com

""Our investment in Biochar Life is more than just a financial commitment. It's a testament to our belief in the potential of innovative solutions being built by young companies to drive tangible social and environmental impact. Biochar Life's mission aligns seamlessly with GUI's goal of supporting ventures that create sustainable, positive impacts at the grassroots level." Jeremy Bauman, Executive Director of Ground Up

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Jim Greenberg

Follow

Jim Greenberg is a West Point alum with 30+ years in international business, primarily in the Middle East & India. He was the founding chairman of Grameen Capital India and Grameen Foundation Board Member and now serves as Board Chairman for Biochar Life.

"As someone deeply involved in international business and non-profit sectors, I've seen firsthand the challenges faced by developing countries. Investing in Biochar Life is not just a financial decision for me; it's a commitment to a sustainable future, socially, economically and environmentally. I firmly believe that biochar has the potential to revolutionize agricultural practices, improve soil health, and significantly reduce poverty for over two billion people while simultaneously reducing the impact of climate change. By supporting this innovative social and environmental enterprise, we're not just investing in a product; we're investing in a healthier, more prosperous world for generations to come."

Our Team

Jason Highberger Co-Founder & CEO

Jason brings 20 years of building socially minded startups and a passion for community development to help the company deliver significant environmental impact while improving the lives of smallholder farmers and their families.

Aom Kwanpiromtara Co-Founder, Global Head of Development & Compliance

Aom leads in community growth and change, excelling in resource management and policy implementation. An expert in resource life cycles, Aom innovates in sustainable reuse, enhancing development and eco-balance.

Evelind Schecter Co-Founder & CFO

Following an international career in business, Evelind founded Warm Heart to expand

Following an international career in business, Evelina founded Warm Heart focused on community development. It was there she initiated the Biochar Program helping smallholder farmers to create biochar and improve their food security and livelihoods.

Matt Rickard COO

Matt combines his extensive startup experience with a commitment to social and environmental impact. As COO, he oversees the running of operations as well as managing buyer relationships, ensuring the company continues to scale effectively.

Sylvetsre G Chiweza Country Manager, Malawi

Sylvester has spent five years building a network to train farmers in making biochar from waste rather than burning their crop waste, helping to enhance soils and yields, and reducing harmful emissions.

Mercy Ogembo County Manager, Kenya

Leading Biochar Life's initiatives in sustainable agriculture, Mercy manages verifiers, ensures biochar quality, and drives significant carbon sequestration. Her strategic leadership is instrumental in Biochar Life's commitment to environmental impact.

Mona Singh Data Integrity and Communications Lead

Former Apple engineer and Business analyst at JP Morgan. Currently at BioChar Life, spearheading data integrity and communications to empower global farmers in biochar initiatives.

Pimpanit (Som) Puttiseth Marketing Executive

Graphic designer and digital illustrator with 10 years experience working with start ups and early stage businesses.

Sr. Miriam Paulette Strategic Advisor & Africa Liaison

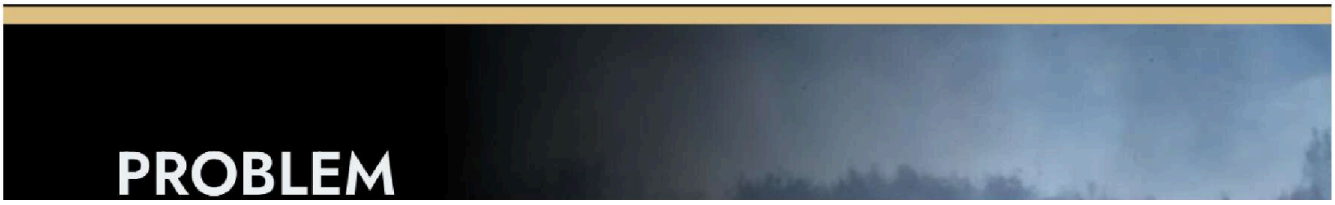
Sister Miriam, serving as a Strategic Advisor and Africa Liaison, expertly bridges global strategies with local African insights, fostering meaningful partnerships and initiatives for sustainable impact.

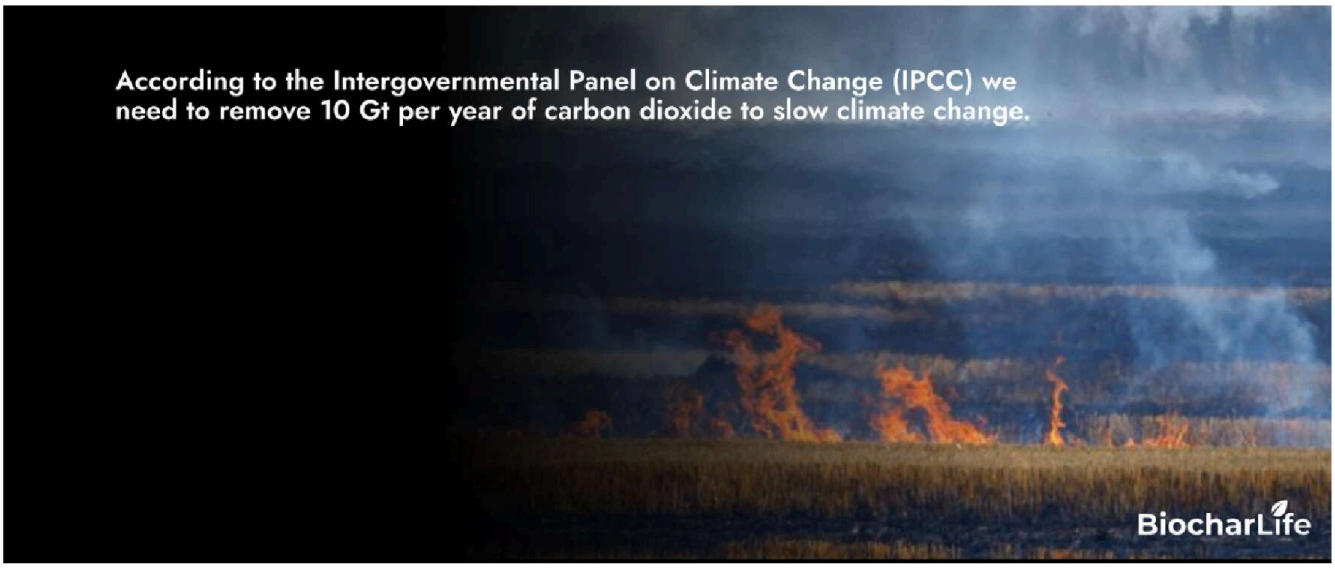
Environmental impact with smallholder farmers

Check out a short introductory **message from our COO**, Matt Rickard.

You can also watch our CEO, Jason Highberger, running through some of the key slides in our proposition: **Click for Pitch Video**.

Thanks for checking out the pitch and please reach out if you have any questions.





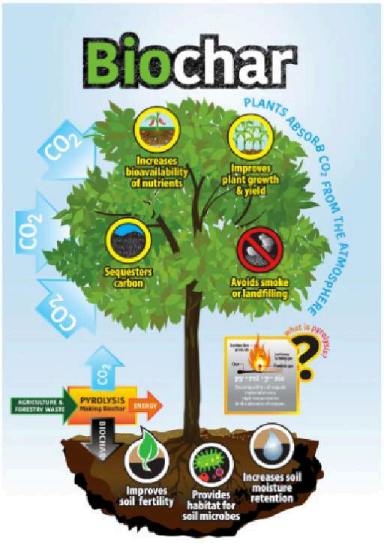
We need to remove thousands of tonnes of carbon to reverse climate change!

What is this biochar that removes CO2 from the atmosphere [air]?

Biochar is a super charcoal made by heating any biomass without oxygen.

All of the cellulose, lignin and other, non-carbon materials gasify and are burned away.

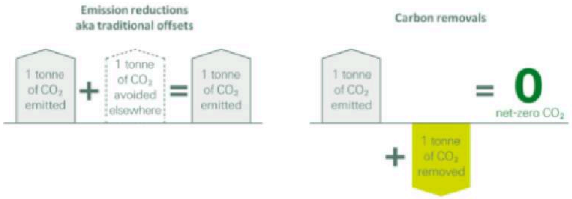
What remains is pure carbon – **40% of the carbon** originally contained in the biomass.



Source: University of Nebraska

A carbon offset is a reduction or removal of emissions of carbon dioxide or other greenhouse gases made in order to compensate for emissions made elsewhere. Offsets are measured in tonnes of carbon dioxide-equivalent.

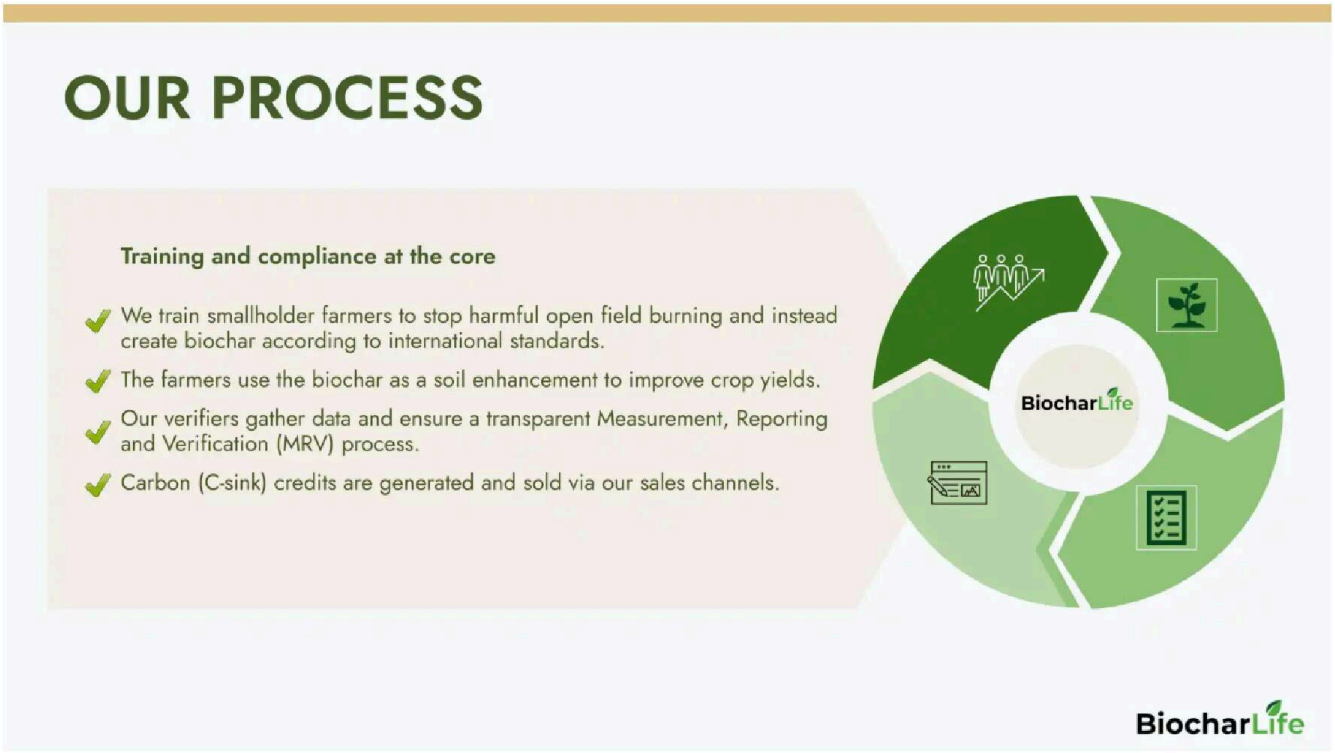
Traditional offsets result in emitted carbon staying in the atmosphere. **Carbon removal offsets** actually take carbon out of the atmosphere.



Source: Swiss Re. CTVC added headers

What is biochar and how does it remove carbon?

Smallholder famers are an invaluable resource to help get us there.



We train farmers to create biochar and through the sale of carbon removal credits, generate the funds needed for scaling far and wide.

- Crop waste burning by smallholder farmers generates ~500 million tonnes of GHG each year.
- Agricultural and industrial chemical residues and heavy metals pollute large areas of the developing world.
- Billions of small farmers, disproportionately women, live in rural poverty.
- Particulate Matter 2.5 (PM2.5), the killer particulate in the smoke from open field burning, kills millions annually.
- Carbon offset market is HUGE...$300 billion and GROWING!

- Making biochar removes 1-2 tonnes of CO_2 from the atmosphere for every tonne of biochar produced.
- Biochar in the soil locks these up, keeping them out of the water and food chain.
- Making biochar offers them jobs and new income.
- Making biochar is almost completely smokeless.
- Customers are shifting more of their emission offset purchases to carbon removal!

Biochar has many benefits both social and environmental - check them out!

TRANSPARENCY & COMPLIANCE

From biochar training to c-sink credit generation, our process is meticulously tracked, verified, as well as being regularly audited by 3rd parties.

Training & Enablement	Verification Teams	3rd Party Auditing	Credit Generation & Sales
Farmers trained in making and using biochar. We measure and track production volumes.	C-sink credits are generated from the data that's collected by our verification teams.	Biochar is lab tested and we also undergo yearly on-site auditing for all projects.	Data is uploaded to our partner platforms who also provide an additional layer of MRV.

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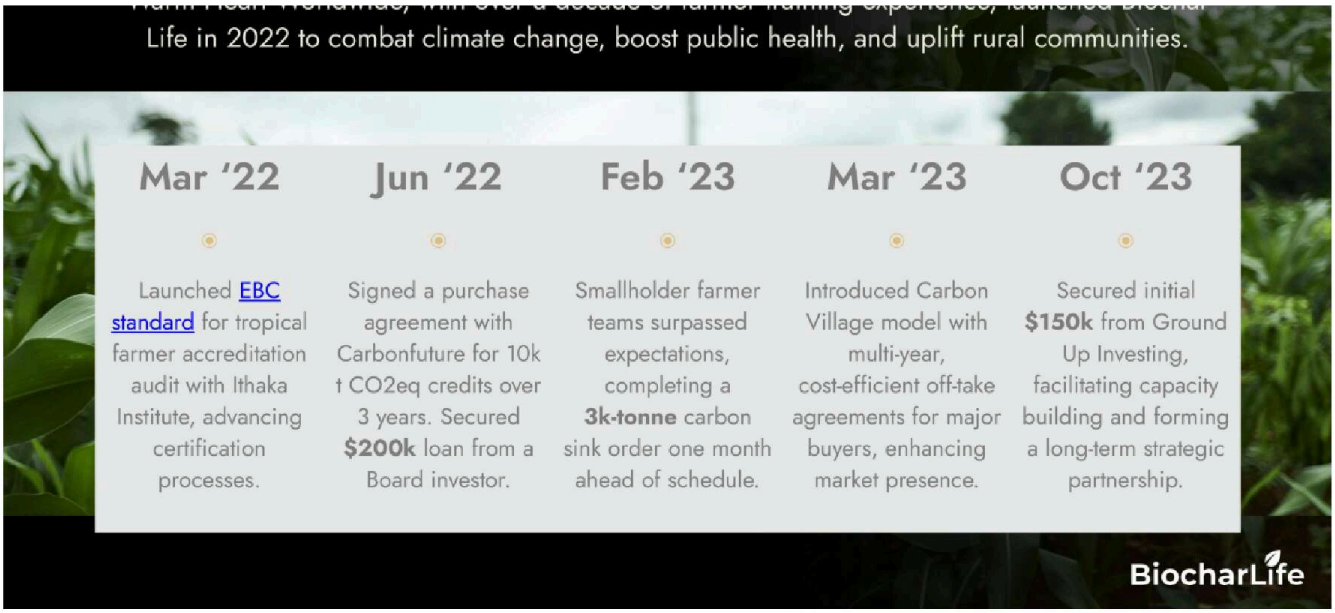
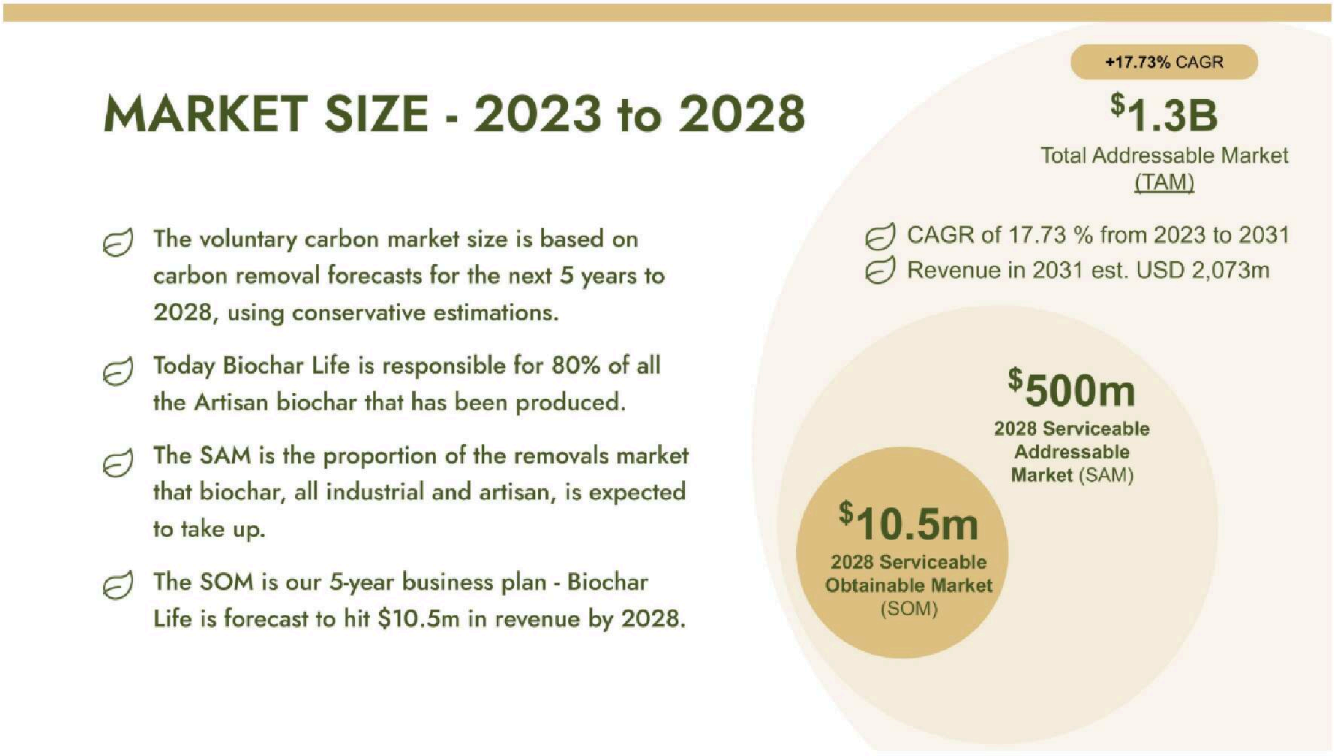
Transparency and compliance are core components of our business model and essential for developing trust with buyers.

HISTORY

Warm Heart Worldwide, with over a decade of farmer training experience, launched Biochar



Since our inception in March 2022 we have shown consistent growth and expansion that has been marked by major milestones.



The voluntary carbon market has huge potential and we are only at the beginning with carbon removal set to lead the pace in the years to come.

Forward-looking projections are not guaranteed.

TRACTION & IMPACT

Our mission focuses on addressing climate change and supporting smallholder farmers. Our approach has led to measurable outcomes in carbon reduction, agricultural enhancement, community development, with both impact and financial returns delivered for our stakeholders.

9,769	**712**	**$479k**
t CO2R (net sink)	# of farmers	Farmer & verifier earnings
$746k	**41**	**5**
Sales to date	Team members	Countries

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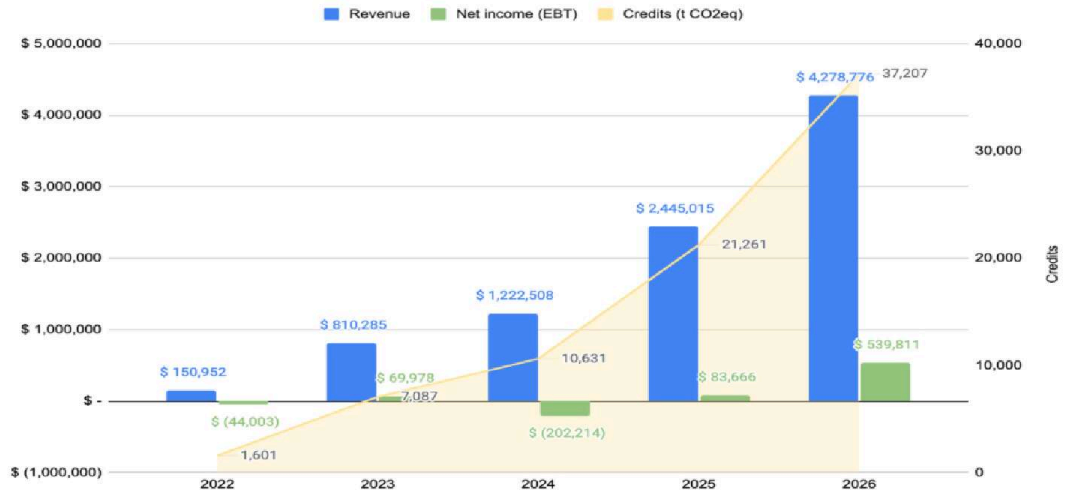
Our sales revenues have grown 5x in the past 12 months!

FINANCIALS



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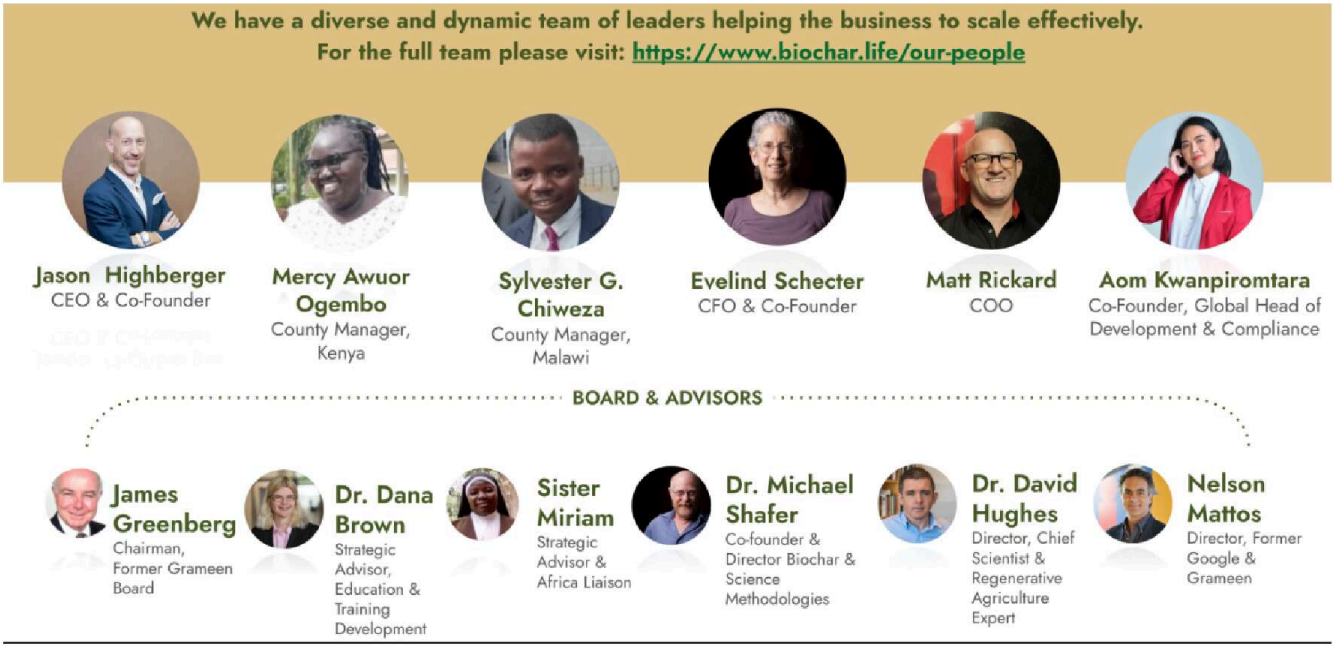
We have a solid pipeline and growth plan for the term of the payback period.

Forward-looking projections are not guaranteed.

OUR TEAM



We have extensive experience and diversity within our leadership team and board including female founders and proximity leadership in East Africa.

Partner networks help to extend our sales and operational prowess.

CUSTOMERS & PROSPECTS

We have a growing base of customers and a healthy pipeline of prospects.

Swiss Re · Microsoft · Vitol · Google · Philip Morris International · Klimate.co · Climate Vault · sky · Trina's Concierge & Catering · ClimatePartner · NH투자증권 · salesforce

We have closed significant sales during 2023 with more to come as we scale.

INVESTMENT

Fundraising round to support our scale to a $10m+ operation:

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Investors who join within the first $200k will receive 2x ROI. Re-payments start as soon as the campaign closes.

Downloads

Biochar Life Revenue Share Projections.pdf