Terradot

The Earth Regeneration Company

Vinicius Sala
Head of Legal, Compliance, & Institutional Affairs

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Business Leadership

Founding Business Team

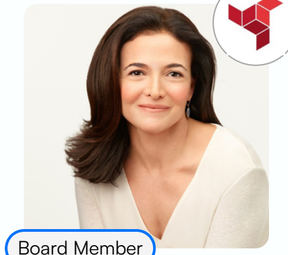
James Kanoff
CEO & Co-Founder

Julia Sekula
CFO & Co-Founder

Connor Sendel
Head of Carbon Program

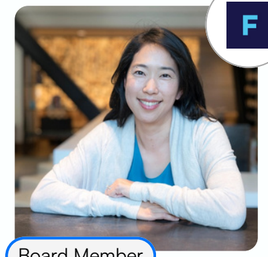
Scott Fendorf, PhD
Chief Scientist

Board Members



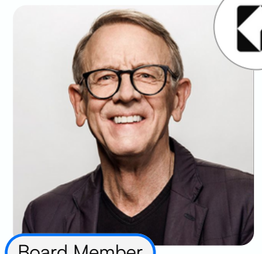
Board Member

Sheryl Sandberg
Partner, Sandberg Bernthal Venture Partners



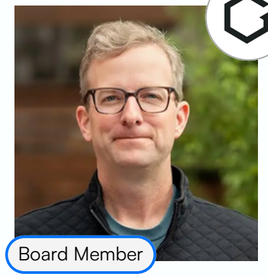
Board Member

Ann Miura-Ko
Co-Founding Partner, Floodgate



Board Member

John Doerr
Chairman, Kleiner Perkins / Speed & Scale



Board Member

Mike Schroepfer
Partner, Gigascale
Former CTO, Meta

$54M Series A round in 2024
New investors:

VALOR CAPITAL GROUP, LLC

ACRE

GIGASCALE CAPITAL

Google

Microsoft

Founding Science Team

We are led by leading climate scientists from Stanford, LBL & industry with a unique structure to rapidly advance ERW CDR

Co-Founder

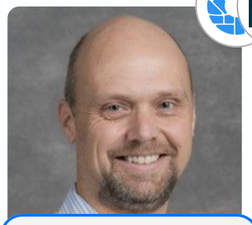
Scott Fendorf, PhD
Chief Scientist, Head of Soil & Environmental Biochemistry Lab at Stanford - Sr. Assoc Dean in Doerr School of Sustainability

Jenny Mills, PhD
R&D Lead, Biogeochemist, Prev Co-founder and Science Lead at Cascade Climate, Senior Scientist at Heirloom Carbon

Jony Ojeda, PhD
Sci Ops Lead, Prev Science Lead for Gates Foundation & Regrow Africa Soil & Crop Modeling Collaboration

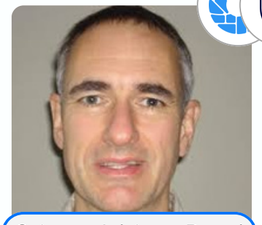
Laísa Batista, PhD
ERW Feedstock Geologist, Geochemist, Postdoctoral research in decarbonization of geological processes

Carolina Catunda, PhD
Brazil Science Lead, Geochemist, Prev Lead Field Scientist at Project Vesta



Science Advisory Board

Peter Nico, PhD
R&D, Biogeochemist, Deputy Director Geoscience Division at Lawrence Berkley National Lab (LBL)



Science Advisory Board

Uli Mayer, PhD
Modeling Lead, Inventor MIN3P Model, Co-Pi Carbon Mineralization Lab, University of British Columbia

Danyang Su, PhD
Reactive Transport/Hydrological Modeler, RTM Modeling at UBC & MIN3P Developer

Sergio Bea, PhD
Reactive Transport Modeling Lead, Senior Scientist in Hydrogeology & Reactive Transport

Science Advisory Board

Antonio Azevedo, PhD
Soil Mineralogy, Professor USP/ESALQ

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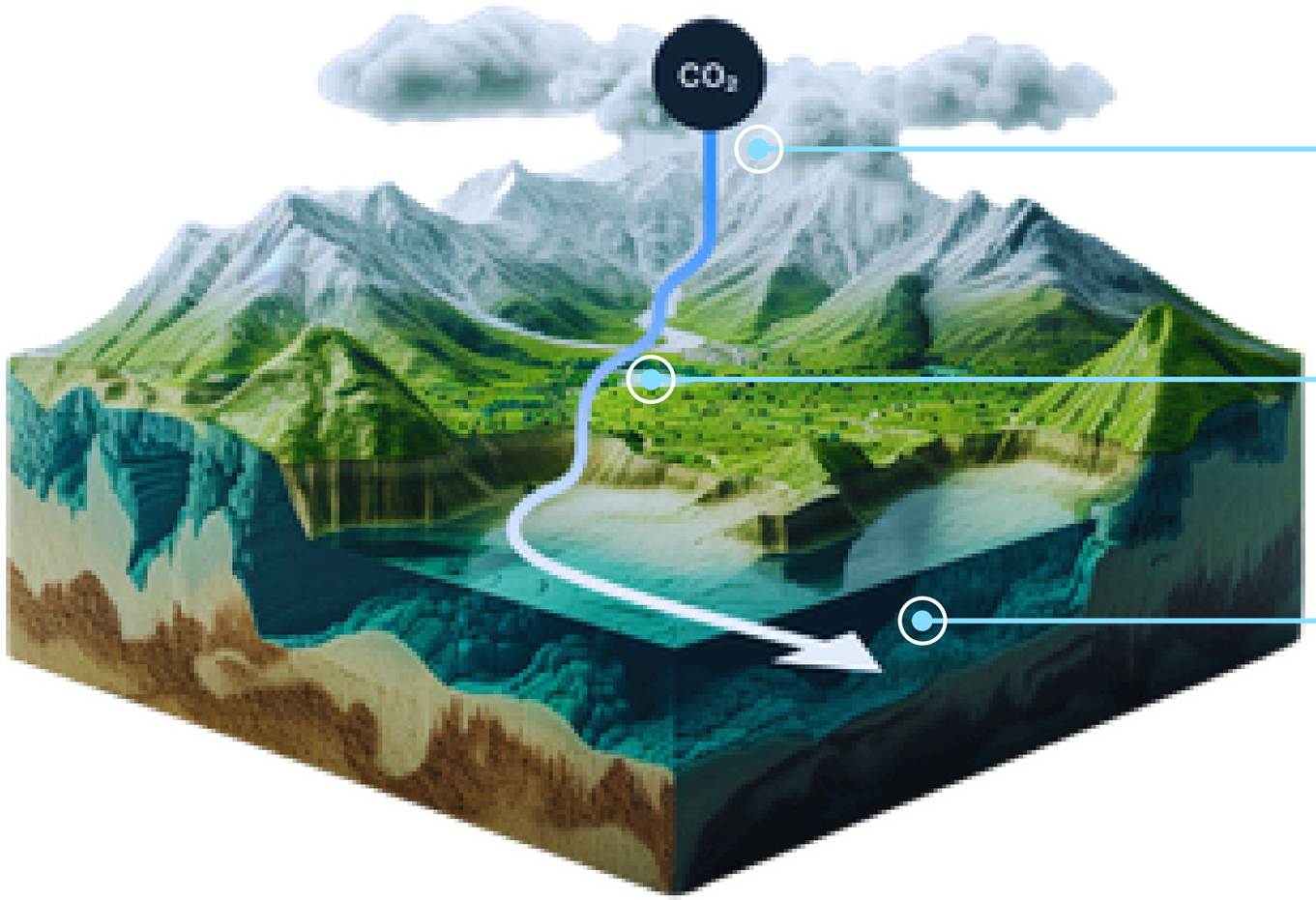
Rock Weathering is Earth's natural permanent carbon removal process



The Silicate Weathering Cycle

When it rains, silicate rocks weather, generating alkalinity

That alkalinity pulls CO_2 out of the atmosphere into the water to form bicarbonate balanced by cations.

That bicarbonate flows through groundwater, streams & rivers to the ocean, where it remains stable for 10,000+ years.

Enhanced Rock Weathering simply speeds that process up

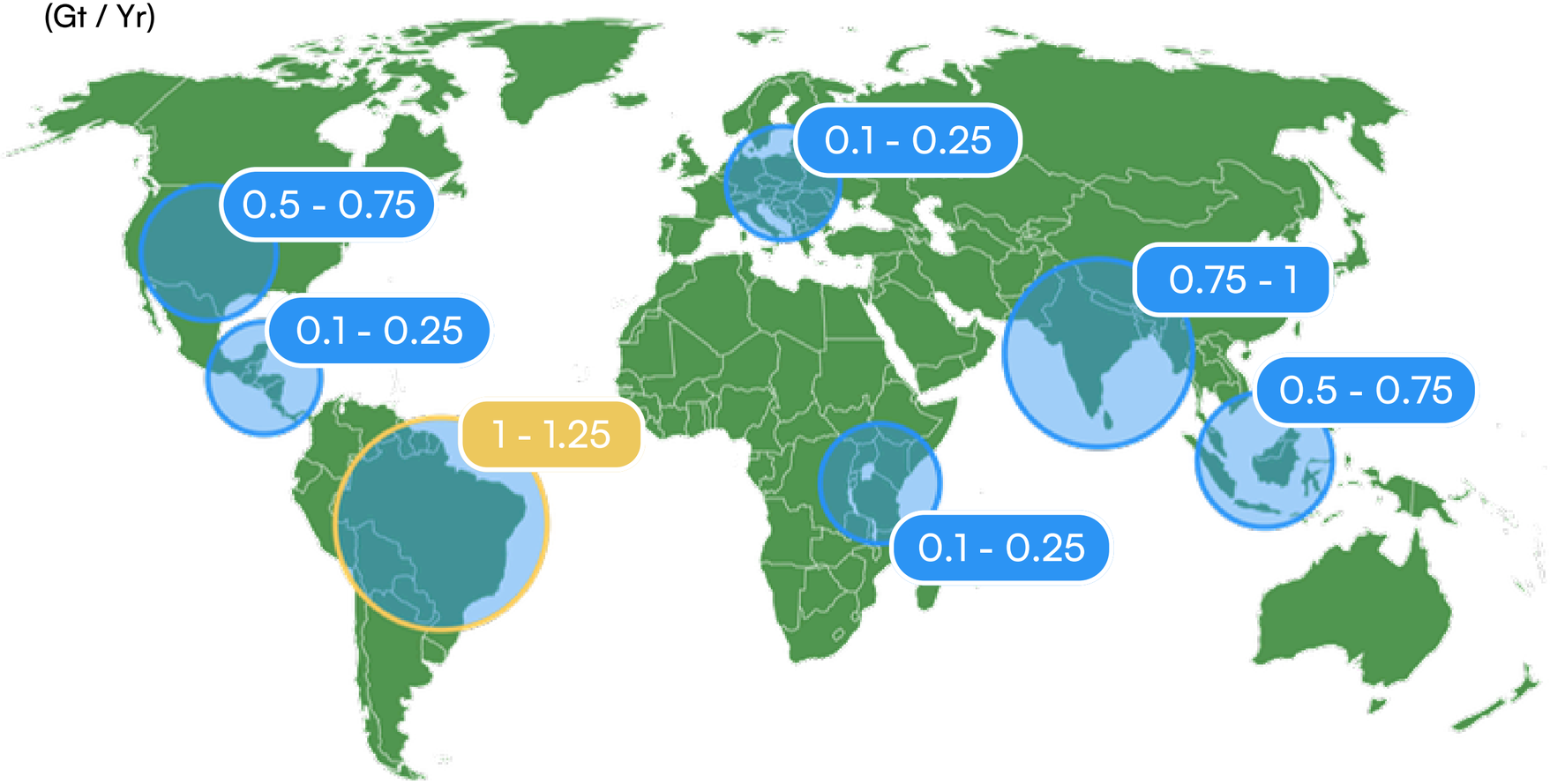
By crushing the rock[1], the reactive surface area is increased 1,000,000x

By spreading the rock in tropical soils that are warm and wet, we further accelerate the reaction to remove atmospheric CO_2 in years not millennia

1. Crushed rock often found as a byproduct or waste product from quarries and mining operations

With Significant Existing Rock & Agricultural Land, ERW can deliver gigaton scale permanent CO_2 removal

Annual CO_2 Removal Potential[1]
(Gt / Yr)



4-5 $GtCO_2$ / year Total Potential

- Billions of tons of crushed silicate rock
- Deployed on existing agricultural land
- Leveraging existing infrastructure

1. Jessica Strefler et al. 2018 Environ. Res. Lett. 13 034010

Why Brazil? Brazil stands to lead the global ERW ecosystem

The scale and impact of agribusiness

Agribusiness is 29.4% of Brazil's GDP (2025 projected), up from 23.5% in 2024

Mining is one of Brazil's largest industrial sectors

The mining sector generated BLR 270.8 billion in revenue in 2024

Faster Rock Weathering

From warm & wet climate conditions

Clean Rock Crushing

Powered by a 90%+ renewable grid

Source: Cepea (Centro de Estudos Avançados em Economia Aplicada) - Esalq/USP; CNA (Confederação da Agricultura e Pecuária do Brasil); IBRAM; Brazilian Ministry of Mines and Energy

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While Improving Soil Conditions through Regenerative Alternatives

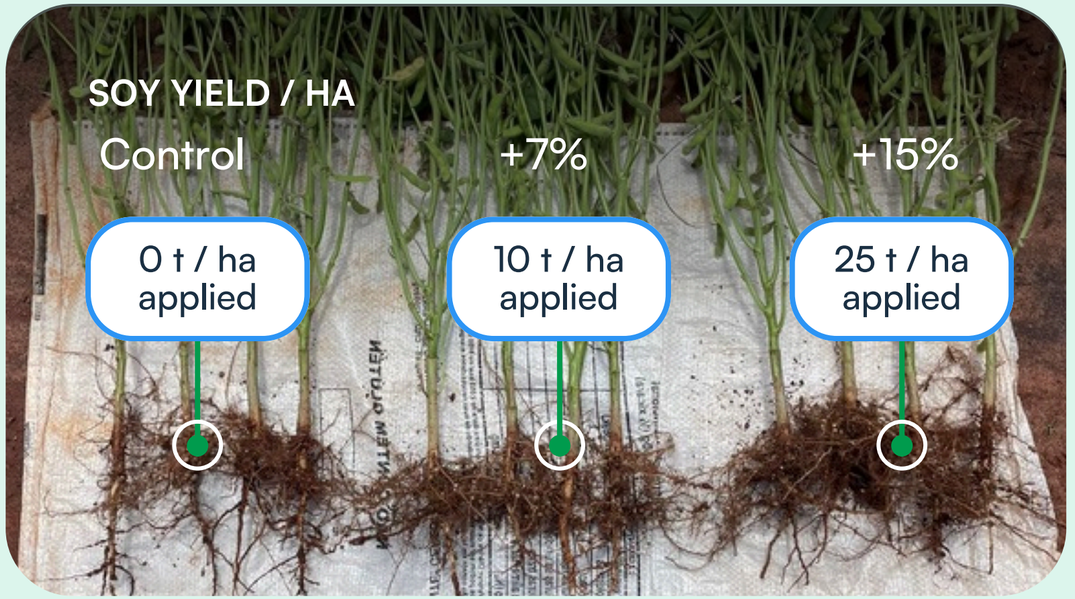
Status-Quo Today (Lime and Fertilizers)

- Lime typically is a carbon source, not carbon sink
- Unaffordable or unaccessible soluble NPK fertilizers
- Environmental risks of NPK washing out into groundwater

ERW Alternative (Basalt Substitute)

- Lime Substitute: Raising/Balancing pH at Multiple Depths
- Higher Crop Resistance to Biotic and Abiotic Stress
- Improved Cation-exchange-capacity

Terradot Demonstration (Mato Grosso do Sul)



Productive Agricultural Land

Pasture Land

Degraded Land

Other

As a Result, ERW can become one of the most impactful global climate solutions, especially for, and by, the Global South.

UN SDGs

1 No Poverty

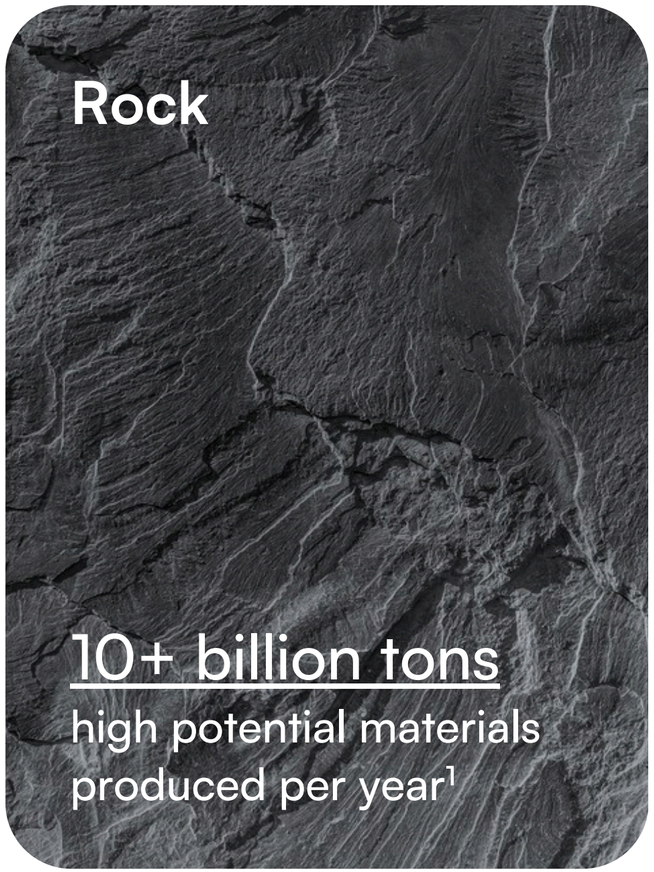
2 Zero Hunger

10 Reduced Inequalities

13 Climate Action

15 Life on Land

Terradot is scaling ERW by building technology to transform existing mining & agriculture assets into CDR hubs



Project Developers
Terradot today. In future: Agriculture, mining, developers

Terradot
Terradot Platform
1 Optimizing Removal
2 Verifying Removal (MRV)

CDR Demand
Voluntary and Regulatory Markets

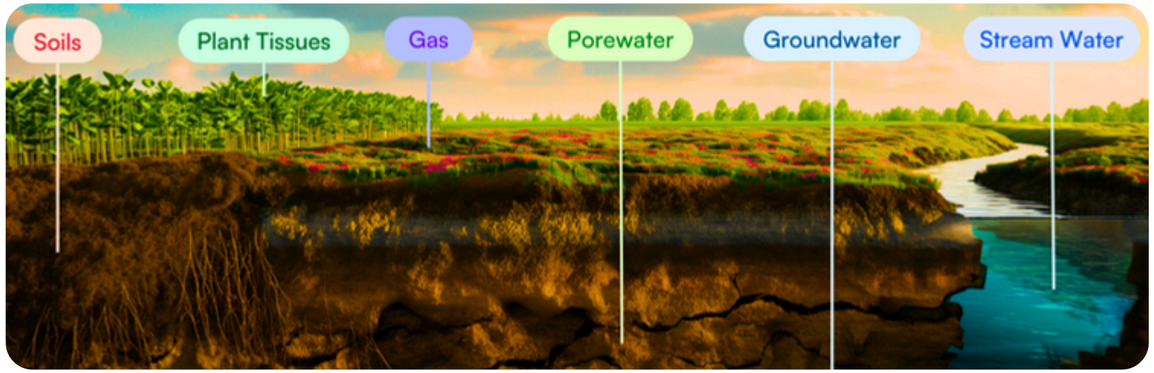
1. Bullock et. al, 2021, 2. Strefler et. al, 2018

Verifying Removal: We accurately and scalably Measure, Report & Verify (MRV) captured carbon

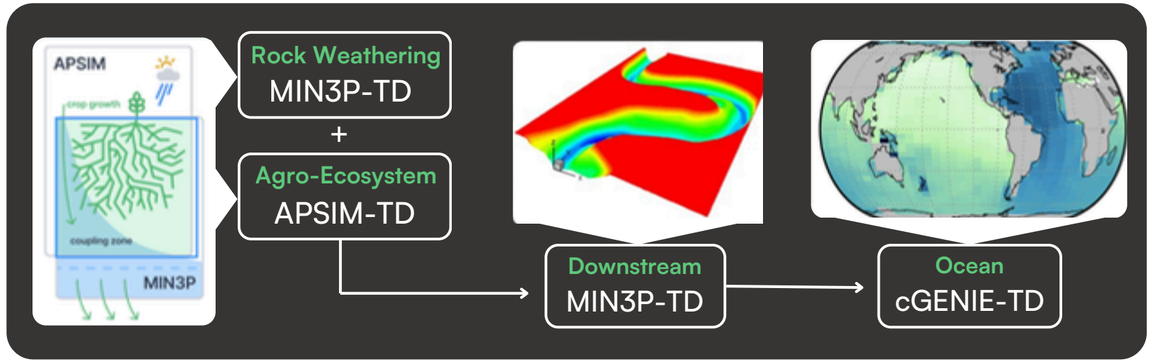
OUR END-TO-END CDR QUANTIFICATION

1. Measure Rock Weathering
2. Quantify Net Removal
3. Verify Removal Durability

TODAY, WE USE RIGOROUS GROUND-TRUTH MRV...



...TO COLLECT DATA FOR MODEL-BASED MRV IN THE FUTURE



ENABLING

90-95%
Reduction in MRV Cost

50%
Reduction in CDR Delivery Cost

But the Science alone is not enough.

Doing so at speed and scale, requires activating a global ecosystem of partners and coalitions

Creating ERW Scaling Partnerships

Embrapa

The Brazilian Agricultural Research Corporation

Our partnership with EMBRAPA provides **trusted access to millions of acres** of farmland, influential agricultural scientists, and key government decision-makers.

Accessing financing for ERW

Partnering with **leading global and local development financial institutions and commercial banks** to structure financing for ERW projects and the investments in R&D.

Activating Global Agriculture & Mining

Partnering with **leading global mining and agricultural companies** through commercial pilots to build the operational capacity and expertise for activating gigaton-scale ERW.

Terradot

Alongside them, we will turn on thousands of CDR hubs with our technology, putting Carbon Removal back on track.

CARBON REMOVAL	>1 billion tons of carbon permanently removed from the atmosphere, every year
LAND HEALTH	>1 billion hectares of revitalized soils, providing food security & climate resilience
SCALABLE BUSINESS	Strong fundamentals, profitability and shareholder returns

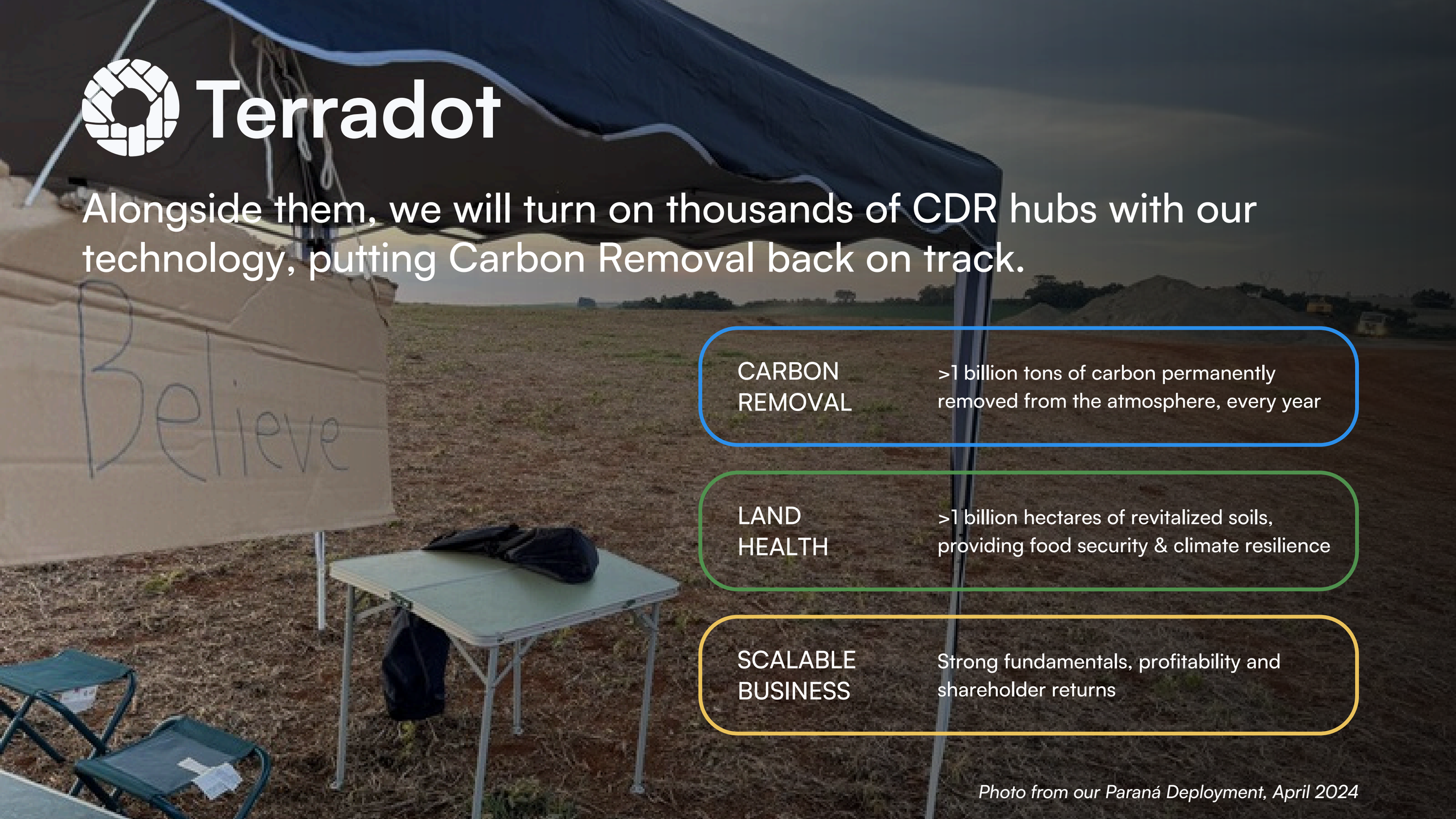


Photo from our Paraná Deployment, April 2024