



LANDERS

Asset Management

landersmining.com

Landers Mining Fund

Introduction Deck - 2024 MAY

LANDERS FUND I

25 M TARGET AUM

\$6tn GLOBAL RACE

“Everything you see and
touch has either been
grown agriculturally or
MINED”

I

Thesis &
Opportunity

II

Fund
Strategy

III

Competitive
Edge

IV

Our Team

An aerial photograph of a rural landscape at sunset. The foreground shows rolling green and brown fields. In the middle ground, a line of wind turbines is visible against the horizon. To the right, a multi-lane highway stretches into the distance with a few vehicles. The sky is filled with soft, orange and blue clouds, and the overall lighting is warm and golden.

THESIS & OPPORTUNITY

The World Economic Forum estimates that with the green transition, the demand for critical minerals will *increase by 500% by 2050*.

Humanity plans to mine more metals in the next two decades *than in the past two thousand years*.

This unprecedented demand will force the underfunded mining industry to squeeze out higher production globally. This process will require financial stimulation and technological *progress* to drive the Net-Zero transition, global electrification effort, and mass digitization.

A Global Race: Decarbonization

\$6tn investment into the future

Decarbonization is a \$6tn global effort to redefine and reduce energy consumption. This starts at the supply of metals and minerals.

- A global decarbonization effort: Net Zero Emissions (NZE) by 2050.
- 93 countries globally have committed to NZE by 2050.
- **\$580bn USD** have been raised in green bonds 2021, **\$500bn USD** in 2022.
- There has been a rapid rise in production of electric vehicles and electric batteries, and in a global push towards green energy and infrastructure.



NET ZERO BY 2050



NET ZERO BY 2050



NET ZERO BY 2050



NET ZERO BY 2060

THE CLIMATE TARGETS

OF FORTUNE 500 COMPANIES

CLIMATE TARGET TYPE



CARBON NEUTRAL

Achieved when a company completely offsets its greenhouse gas emissions.



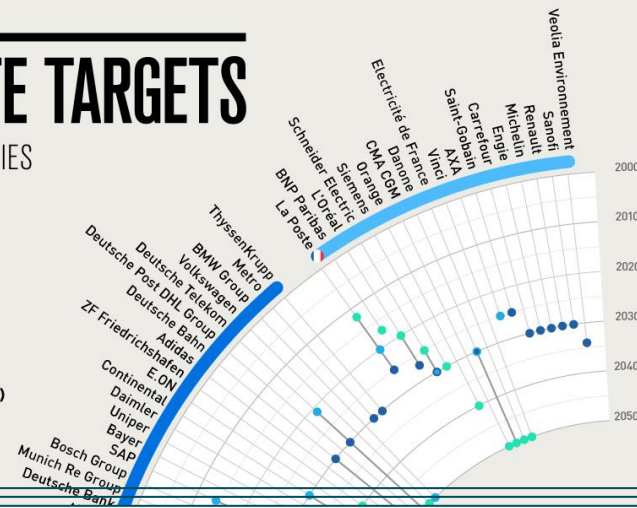
RENEWABLE 100% (RE100)

Achieved when a company relies on 100% renewable energy.



SCIENCE BASED TARGETS (SBT)

Emissions are reduced in line with the need to keep global warming below 2 degrees Celsius.



Source: Fortune, Natural Capital Partners

Militarization of the Supply Chain

Countries are rapidly mobilizing to secure their own supply of critical minerals.
The private sector is utilizing federal legislation and funding to achieve goals.

To secure their own supply chain for necessary commodities, countries have legislated a critical minerals acts.

To transition from reliance on foreign countries for metals and minerals, governments have begun to emerge as new players in the mining sector through domestic legislations and financial stimulation.

Conflicts have become a catalyst:

- Israel-Palestine, NATO-Russia, Taiwan- China, U.S.A - China Trade war
- Mass Deliberate Deglobalization and Balkanization

National Defense, National Security, Military Spending, and Domestic High-Tech Manufacturing, are now focal points in global agendas.

A NEW PLAYER IN MINING: GOVERNMENTS



USA Federal Administration 2022

“Securing A Made-in-America Supply Chain for Critical Minerals Plan”: \$3bn USD



CANADA 2023

“Critical Minerals Strategy Act”:
\$3.8 bn CAD + \$1.5bn for mining infrastructure.



EU Government 2023

“Critical Raw Materials Act + European Raw Materials Fund” €2bn EUR.



KINGDOM OF SAUDI ARABIA 2023

Vision 2030 - “Ma’adan Mining Fund” — \$15bn USD.



GERMANY 2024

“KfW Development Fund” - €1.1bn EUR

Mining tech on the rise

Age of AI and autonomous miners

Technologies used in each stage of the metals and mining supply chain are far from state-of-the-art. This includes softwares developed in the 2000s, and machines and vehicles produced over a decade ago.

Limited progress in the technologies used have created an opportunity for mining tech startups to challenge the status quo.

The use of AI and autonomous vehicles must become commonplace in the mining industry to revolutionize sourcing and refining processes.

From dust control to chemical engineering, ***mining innovation is essential for our society's future.***

**"Investment in mining tech today
is an *investment in the future* of
our planet and society."**

- Global Mining Review

A photograph of a cave interior. The walls and floor are composed of dark, rugged rock. A bright blue light source, possibly a flashlight or a small opening, is visible in the distance, casting a strong blue glow that illuminates the surrounding rock formations. The light creates a dramatic contrast with the dark, shadowed areas of the cave.

FUND STRATEGY

Copper is the new oil.

So are Cobalt, Niobium, Platinum, Nickel and others.

Critical Minerals

Mining Tech & Innovations

Sector

Exploration companies for critical minerals

Stage

Publicly traded companies with existing partnership with majors and junior greenfield projects

Ticket Size

Subject to circumstances, from 1-5m \$

Geography

Central Asia and the Americas

We invest alongside major mining names with strong history of due diligence and expertise.

Teck

RioTinto



AngloAmerican



BARRICK

The Future of Mining is in Tech

STRATEGY | LANDERS FUND | 11

We are the generation to drive it.

Critical Minerals

Mining Tech & Innovations

Sector

Mining tech and innovation start-up companies from exploration softwares to mine automation

Stage

Start-ups at the Series A or further of their development

Ticket Size

Subject to circumstances, from 0.5-2m \$

Geography

Central Asia and the Americas

We invest alongside major mining names with a strong history of due diligence and expertise.

Teck

RioTinto

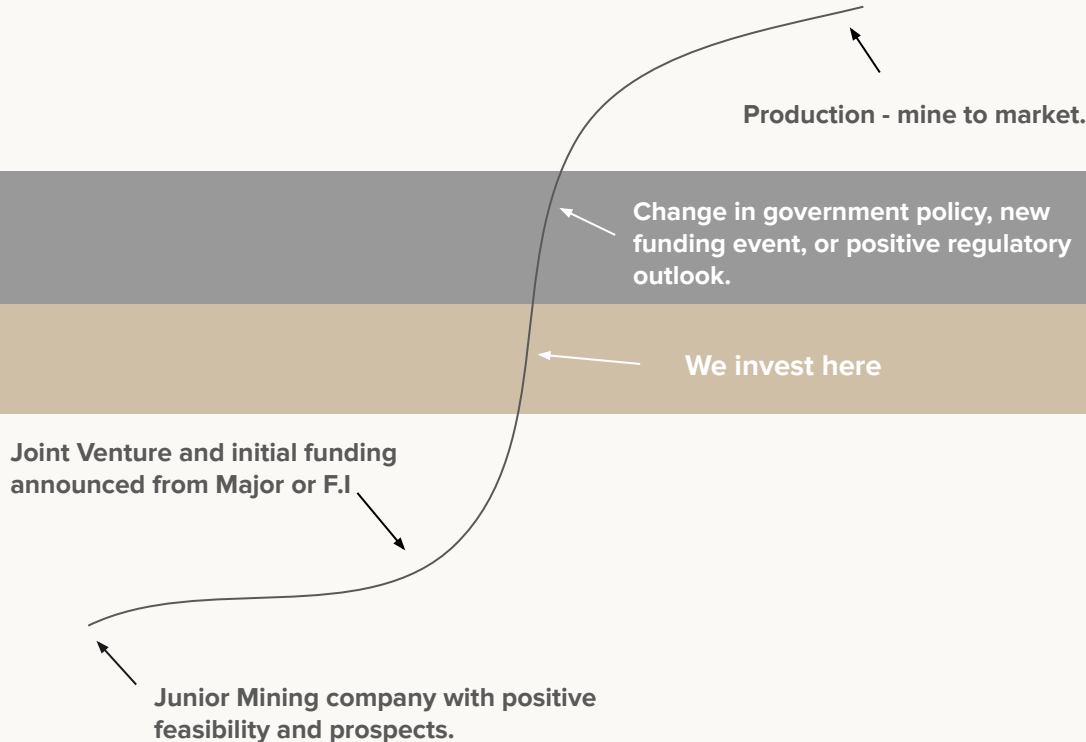
 AngloAmerican


BARRICK

We Focus on Geopolitical Stability

STRATEGY | LANDERS FUND | 12

We search for pioneering exploration companies with an emphasis on geopolitical outlook.



We take a special focus on relationships between governments and mining companies to ensure minimal geopolitical tensions.

We Focus on Future Technologies

We identify innovation in exploration, mining and processing tech with a thorough understanding of current technical trends.

A comprehensive and concrete understanding of the industry, global market and technological trends

Unique combination of skills and expertise essential for identifying best picks for the fund

That's where having a **young board** accompanied by **experienced advisors** is an advantage

Cutting edge expertise in science and innovations behind the industrial progress

We take a special focus on the synergy of business, industry, and science to drive the core innovations.

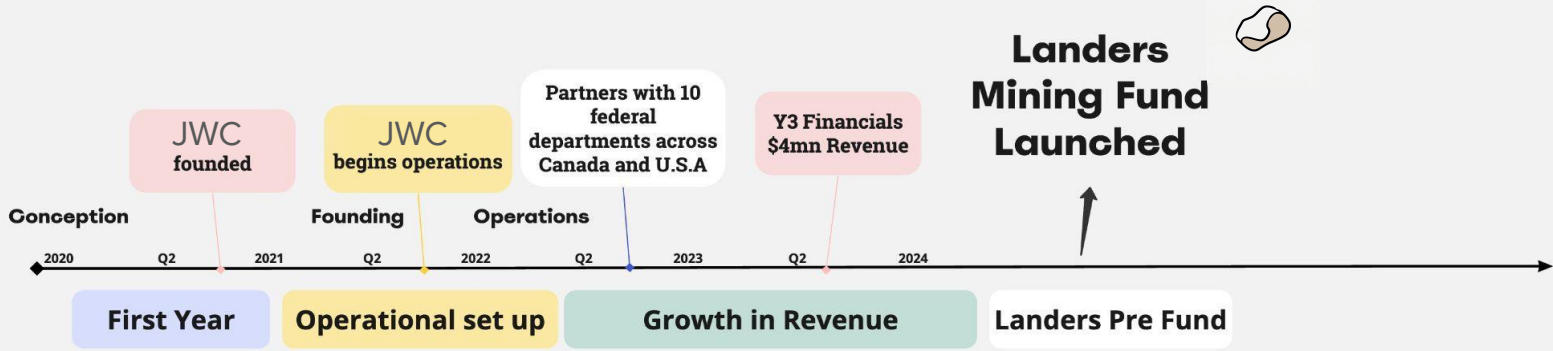
Integrative approach by investing in the technologies of the future.

Optimizing the supply chain at core sectors improves efficiency of the entire supply chain ***from the ground up***.

The background is a complex marbled paper pattern. It features swirling, organic shapes in shades of deep purple, dark blue, and charcoal grey on the left side, transitioning into lighter, more intricate patterns of beige, cream, and light brown on the right. A prominent rectangular area in the upper center is a vibrant, slightly hazy green, which fades into the surrounding marbled colors. Overlaid on this green area is the text 'COMPETITIVE EDGE' in a clean, white, sans-serif font. The entire composition is framed by a thin, double-lined gold border.

COMPETITIVE EDGE

Our Journey Begins in Government Contracting



Our Proud Partners across the United States and Canada Include:



U.S. Department of Defense



Natural Resources Canada



Défense nationale National Defence



- Government Contracting Agency
- Started in 2021
- Mining and Defense specialisation
- Y3 - \$4m in revenue
- Government cooperation and structural understanding
- 15 different federal departments across 2 countries.
- Semi-Domiciliation

Our Skin is in The Game

We stand close to where our money goes.

We identify strong prospects early.

- **Thesis Driven Approach**
- **Working directly with deep value investors**
- **Co-investing directly with majors and industry experts**
- **Early access to project generation stages**

Semi-Domiciliation

We part-domicile in the country our investments are going to. With our boots on the ground, we engage with a full team of geologists to monitor the situation around the clock. We follow where we invest our money.

Government and Industry Expertise

Our experience in government contracting and our aptitude in geopolitics offer us insights surrounding mining prospects. With our boots on the ground approach, we will be able to closely monitor the political landscape around our investments.



TEAM - OUR KEY STRENGTH

Team

Our Key Strength.



Ram Jayaveera,
Partner

PennState



Penn State University
Smeal, Finance B.S
Mathematics, B.S

4+ years of financial
expertise in supply
chain management
and contracting



Leo Wu,
Partner

PennState



Penn State University
Political Science, B.A

4+ years of operational
experience in supply
chain management
and contracting

Team

Our Key Strength.



Konstantin Nazarov,
Chief Engineer

University of St Andrews
BSc in
Earth Sciences

7+ years of expertise in
cutting-edge research
into innovation in applied
geology

TBC

Aziz Al-Suwaidi,
Partner

PennState



Penn State University
Petroleum Engineering,
B.S

5+ years of excellence in
commodity business
operations and asset
management in Saudi
Arabia

Team

Our Key Strength.



**Warren Pratt, PHD
Advisor**



Top 10 Exploration
Geologist Globally.

PhD in Structural
Geology

30+ Years Experience.

2+ World-Class
Discoveries



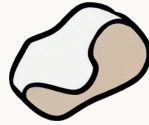
**Kristofer Segerberg,
Advisor**



Hedge Fund General
Partner

Soros Fund
Management

30+ Years Fund
Experience



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