

ALPHA MINING CO.

Bitcoin Mining and Antimony Refining
Opportunity NFTs



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1. INTRODUCTION

Alpha Mining Co. was established by the Alpha Shares team with the objective of leveraging the cost-efficient power sources in Paraguay and conveying those benefits to its NFT holders.

Our mission is to offer unique opportunities that are otherwise unavailable to individual NFT investors and to provide long-term potential. The low-cost renewable hydroelectric power brokered by Alpha Shares ensures value generation for our NFT investments under diverse market conditions.



2. PROJECT OPPORTUNITIES

+ 100% RENEWABLE LOW COST HYDRO POWER

Alpha Mining Co. is primarily engaged in Proof of Work Bitcoin mining that utilizes Paraguay's abundant 100% renewable hydroelectric energy. As a Paraguayan company, Alpha Shares is focused on capturing the unique opportunities within this landlocked South American country to add value to the web 3 space. Paraguay boasts vast river systems that sustain some of the world's largest hydroelectric plants, making electricity the country's top export and largest contributor to its GDP, and providing cost-effective power solutions. Our current industrial agreements grant us access to up to 2 Megawatts of power at a competitive rate of \$0.03 per kilowatt hour. Further expansion of our capacity may require renegotiation, which typically results in lower costs with increasing megawatt demands.

In Proof of Work mining, power cost is the only variable expense and is critical to the profitability of a mining operation. The low cost of renewable power and extremely low costs of mining hardware present a significant opportunity for Alpha Mining Co & Alpha Shares.

Alpha Mining Co. aims to generate a sustainable revenue stream through initial investments in renewable hydroelectric Bitcoin and KDA mining. The cash flow from these operations enables us to establish and grow the Alpha Shares ecosystem.



! Mining Bitcoin with
\$0.03 kw / hour

3. PARAGUAY OPPORTUNITY

Paraguay is an emerging crypto-friendly nation that has recently enacted several laws supportive of Proof of Work cryptocurrency mining utilizing its abundant renewable hydroelectric energy. This presents an opportunity for us to participate in some of the world's most cost-effective power sources while preserving environmental sustainability. Paraguay's growth as a developing country attracts investors and businesses looking to expand into a welcoming environment for these nascent industries.

Alpha Shares S.A. holds multiple operational licenses in Paraguay for real-world industrial businesses, which we plan to finance through our web 3 communities. Further details on these initiatives will be provided as we work through the technical aspects.



[VIEW VIDEO](#)

4. CURRENT MARKET OVERVIEW

In November of 2021, Bitcoin peaked at its highest price ever - almost \$69,000. The price of Bitcoin was recently just \$17,000, a reduction of over 75%. When the price of Bitcoin is high, the reward for mining a block is also high, but the cost of mining remains constant.

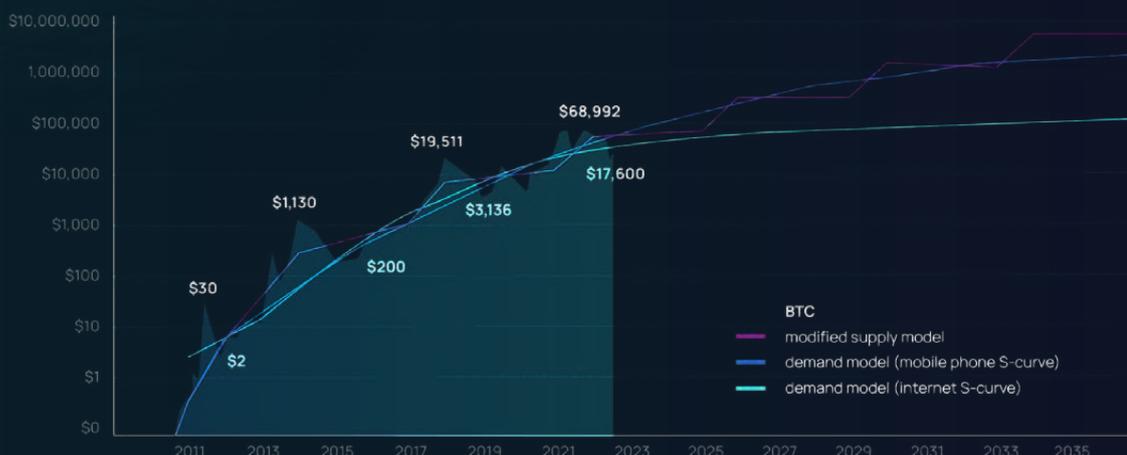
This means that the profit from mining a block of Bitcoin is lower at peak prices compared to mining at the bottom of a price cycle.

Additionally, the level of competition among miners also tends to be higher when the price of Bitcoin is high, which can further reduce the profitability of mining at peak prices. Price isn't the only factor, but so is power - the global pandemic and other factors significantly increased the average power cost for individuals across the world, further pushing potential BTC miners out of the market.

Now is the time to strike while the iron is hot. BTC prices are near the bottom of the cycle, our arrangement for power is near the lowest in the world at \$0.03/kWh. Creating a scalable Proof of Work mining operation during a season like this will ensure a lower initial investment, lowest power cost, best equipment at the best prices, and an immense upside as the bull cycle comes back.

BITCOIN SUPPLY & DEMAND MODELS

Annual & monthly data, Source FMRCo, Bloomberg, Haver, Coinmetrics, Glassnode



5. HOW TO PARTICIPATE

Alpha Mining Co. is a product of Alpha Shares but we have created unique and differing ways to get involved. Participation in these projects differs depending on what brand you choose to participate in.



5.1 NFT Based Participation

Alpha Shares is focused on NFTs, and uses NFTs to fractionalize your participation in these operations. These NFTs come with a fixed price of entry, but give you perpetual access to these opportunities. Your ownership within the collection will be a fixed percentage, since the collection size will never change.



5.2 Liquid Staking Participation

The Momentum Project is a DeFi protocol that operates with the MASS token. The MASS token allows users to get involved with real world investments through a mechanism called Singularities. The Singularity acts sort of like a staking pool - you can stake your MASS for 30 day periods to earn your proportion of rewards. Your proportion is equal to the amount of MASS you have staked into a singularity compared to the total amount of Singularity staked MASS.

Momentum's treasury will hold a significant amount of preferred round NFTs, of which the rewards will be distributed to the Singularity. This is how MASS stakers participate in this operation.

5.3 Either or Both

These two methods offer a unique experience on both sides. With NFTs you have a fixed price to participate, but you also have a somewhat predictable reward since the collection size is fixed. With Momentum, you can purchase \$MASS and stake any arbitrary amount you'd like, but the amount you have staked compared to the total will never be strictly consistent.

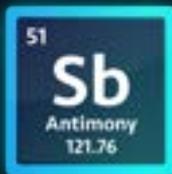


6. ALPHA MINING CO. NFTs

Alpha Shares will be releasing two different NFT collections on ETH linked to the Alpha Mining Co. operation. The Alpha Mining Co. Reserve NFT collection (AMC Reserve) will be a preferred NFT sale aimed towards our B2B partners in web3, as well as our Genesis Wolf holders and a handful of other special supporters.

6.1 Alpha Mining Co. Reserve

Proof of Work Mining & Antimony Refining



What is antimony refining?

These are a series of 3,000 very powerful troll leaders living on the Ethereum network that run the mines deep in the heart of Paraguay. But not only this, they found a lucrative way into an awesome second opportunity: antimony refining. Never heard about that? Check more on our [Website](#) or [here](#).

When all 3,000 mints are hit the first 40' BTC mining container will be up and running along with initial Antimony refining capacity. Any additional funds will be used to further increase capacity of the 40' BTC mining container.

Alpha Mining Co. Reserve NFTs

Total Supply

3,000

Reward Multiple

5x

Cost per NFT

\$1,000



6.2 Alpha Mining Co. Proof of Work Mining Expanded

The Alpha Mining Co. (AMC) collection is a series of 12,000 trolls living on the Ethereum network that we found deep in the heart of Paraguay while exploring caves rich with Bitcoin deposits. These little trolls are money hungry as they are power hungry - literal electrical power. They teamed up with the Alpha Wolves to share in this amazing opportunity and provide Bitcoin gifts in return for our monetary backing.

Alpha Mining Co. Mint Phases

Total Supply	Reward Multiple
12,000	1x

Phase 1

3000 NFTs | \$250

Phase 2

3000 NFTs | \$300

Phase 3

3000 NFTs | \$350

Phase 4

3000 NFTs | \$400



Phase 1 NFT benefits

Minting a Phase 1 NFT means you get a massive discount but the same return from someone who mints in the future phases. These Phase 1 NFTs are as close to the rewards of a AMC Reserve NFT as possible!



6.3 Comparison

	AMC Res. NFT	AMC NFT
		
	AMC Res. NFT	AMC NFT
Mint Price	\$1,000	\$250/300/350/400
Weighting	5x	1x
Tiers	1	4
Collection Size	3,000	12,000
Alpha Shares Collection	✓	✓
Bitcoin Mining Access	✓	✓
0.03 kWh negotiated electricity rate	✓	✓
Renewable Hydroelectric Power	✓	✓
Operated by Alpha Shares Team	✓	✓
Revenue multiplier	5	1
Secondary Sales Royalty	10%	10%
Access	Exclusive Access	Public
Payout Speed	First	TBD by Tier
Antimony Refining Operation Revenue	✓	-
Anticipated launch	March 2023	April 2023



7. MILESTONES

ASSUMPTIONS

Power Cost \$0.029 - 0.034 kw/h	20' / 40' Container \$75,000 / \$125,000
Avg. Cost S19 XP 140 Th \$5,500	AS Performance Fee 20%
Avg. Cost of KA3 \$9,500	Price of BTC for Assumptions \$22,000

Milestone I Premium Sell Out

	CIRCULATING	
SHARES TOTAL	AMC RES. NFTS (5X)	AMC NFTS (1X)
15,000	3,000	0



INVESTMENT
40' Mining Container
305 x Antminer

SOURCE OF INVESTMENT
\$1,500,000
Raise from AMC Reserve NFT Sale



INVESTMENT
Antimony Refining

SOURCE OF INVESTMENT
\$1,500,000
Raise from AMC Reserve NFT Sale

Mining Equipment Owned
305 x Antminer

Net Profit To Be Distributed
out of BTC Mining /month*
~\$96,840
/3,000 NFTs

~ \$32.28
Per AMC Reserve NFT /month



Antimony Refining
40 tons / month

Net Profit To Be Distributed
out of Antimony Refining*
~\$114,000

~\$38
AMC Reserve NFT / month

~\$70.28
Total per AMC Reserve NFT
/month

* **Disclaimer:** The above milestones are proforma and investments are subject to change depending on current market trends, conditions and strategy. Funds held back in staking will be used for time sensitive high impact investments, expansion, or liquid staking. The above numbers and variables are using current (Jan 2023) market assumptions and do not count for fluctuations in BTC price, mining difficulty, etc.



7. MILESTONES

Milestone II Phase 1 Sell Out

SHARES TOTAL	CIRCULATING	
	AMC RES. NFTS (5X)	AMC NFTS (1X)
18,000	3,000	3,000



INVESTMENT

1st **20'** mining container
+153 x Antminer

SOURCE OF INVESTMENT

\$750,000
Raise from Phase 1 AMC NFT Sales

Mining Equipment Owned
458 x Antminer

Net Profit To Be Distributed*
~\$145,260
/18,000 Shares

Monthly Payout /NFT
~\$40.35 (5x)
AMC Reserve NFT

~\$8.07
AMC NFT

+\$38 Antimony refining

Milestone III Phase 2 Sell Out

SHARES TOTAL	CIRCULATING	
	AMC RES. NFTS (5X)	AMC (1X)
21,000	3,000	6,000



INVESTMENT

2nd **20'** mining container
+183 x Antminer

SOURCE OF INVESTMENT

\$900,000
Raise from Phase 2 AMC NFT Sales

Mining Equipment Owned
641 x Antminer

Net Profit To Be Distributed*
~\$145,260
/21,000 Shares

Monthly Payout /NFT
~\$48.42 (5x)
AMC Reserve NFT

~\$9.68
AMC NFT

+\$38 Antimony refining

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7. MILESTONES

Milestone IV Phase 3 Sell Out

SHARES TOTAL	CIRCULATING	
	AMC RES. NFTS (5X)	AMC NFTS (1X)
24,000	3,000	9,000



INVESTMENT

3rd **20'** mining container
+214 x Antminer

SOURCE OF INVESTMENT

\$1,050,000
Raise from Phase 3 AMC NFT Sales

Mining Equipment Owned
854 x Antminer

Net Profit To Be Distributed*
~\$271,152
/24,000 Shares

Monthly Payout /NFT

~\$56.49 (5x)
AMC Reserve NFT
~\$11.30
AMC NFT

+\$38
Antimony refining

Milestone V Phase 4 Sell Out

SHARES TOTAL	CIRCULATING	
	AMC RES. NFTS (5X)	AMC NFTS (1X)
27,000	3,000	12,000



INVESTMENT

4th **20'** mining container
+244 x Antminer

SOURCE OF INVESTMENT

\$1,200,000
Raise from Phase 4 AMC NFT Sales

Mining Equipment Owned
1,098 x Antminer

Net Profit To Be Distributed*
~\$348,624
/27,000 Shares

Monthly Payout /NFT

~\$64.56 (5x)
AMC Reserve NFT
~\$12.91
AMC NFT

+\$38
Antimony refining

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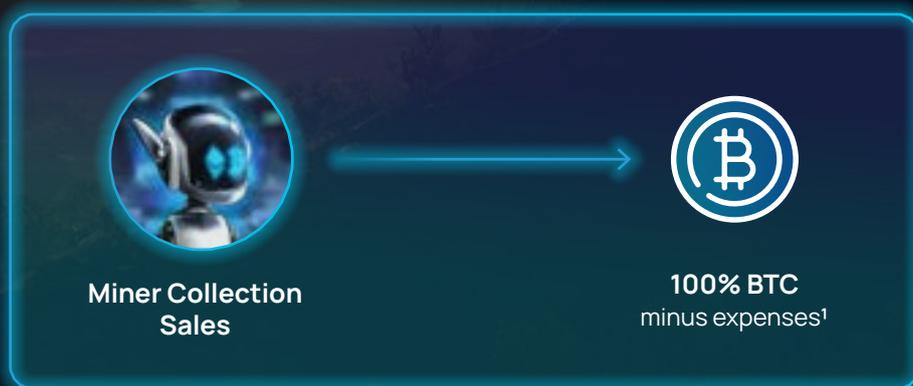


8. RETURN TOKENOMICS

The Proof of Work mining operation as well as the Antimony refining operation will take about 90-120 days from AMC Reserve NFT mint-out before operations will begin generating.

A massive driving force behind our operations is earning BTC at these low price points, and we want to allow you as the user to claim your earned BTC as exactly what it is - Bitcoin. Well, wrapped BTC (wBTC) on ETH.

100% of net mined BTC (after expenses¹ - power, land, networking, personnel, mining pool fees, performance fee) will be distributed across AMC Reserve NFT and AMC NFT holders. These distributions will occur as wBTC to allow our holders to accrue and stack bitcoin at these low prices.



* If \$ left over and won't be enough to purchase another mining container right away, it will go into filling any partially full containers, or liquid staking until we raise enough to combine with it and increase expansion.

8.1 Royalties



9. ROADMAP



PHASE 1

- Establish mining location
- Lock down .03/kwH hydro electricity rate
- Establish security and legal paperwork
- Project Coming Soon on Alpha Shares



PHASE 2

- Release AMC Reserve NFT collection of 3,000 pieces
- Acquire Mining Shipping container
- First allotment of bitcoin and kadena miners
- Deploy first batch 60-90 days



PHASE 3

- Release Base NFT Collection Phase 1
- Increase capacity by one 20' Container
- Liquid Stake Surplus Funds

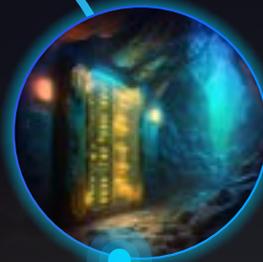


PHASE 4

- Release Base NFT Phase 2 & 3
- Increase both mining capacity and liquid staking
- Hold-back funds for high impact opportunities

PHASE 5

- Mint out full collection
- Continue to expand diverse investment portfolio with a focus on Proof of Work mining
- Experience Royalties - both “The Alpha Pack” and “Premium Miner” NFTs receive 10% of all trading royalties.
- Keep expanding!



Fractionalized participation in bitcoin mining through an NFT is one of the smartest ways to invest in cryptocurrencies.

It allows you to participate in a profitable mining operation without the hassle and cost of setting up your own equipment. This is a chance to earn a potentially significant return on your NFT while supporting the growth of cryptocurrency.



10. CONCLUSION

The goal of Alpha Mining Co. is to leverage cryptocurrencies and NFTs to immutably fractionalize the participation in decentralized finance. We strongly believe in bringing decentralized financial tools to the masses and web3 technology enables us to do just that. Participation in our ecosystem is unbounded by physical presence, ability or status. We are here to provide opportunities to all.

11. Disclaimer

All information provided within this whitepaper does not constitute financial advice. Do your own research before entering into the Alpha Mining Co. project. No returns are guaranteed, which can be subject to the overall market conditions. Details are subject to change. The Services are not available in certain countries subject to sanctions and other limitations. The Services are also not available in Canada or the United States of America and may not be available to certain U.S. persons.

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[Landingpage & Mint](#)