



# Bitfarms<sup>TM</sup>

## Q4 & FY 2023 Results March 7, 2024

**#1**

Performing stock on TSE  
in 2023!\*

 BITF

**#8**

Performing stock on  
Nasdaq in 2023!\*

 BITF

\* Full year 2023. Source: Bloomberg

# SAFE HARBOR STATEMENT

Trading in the securities of the Company should be considered highly speculative. No stock exchange, securities commission, or other regulatory authority has approved or disapproved the information contained herein. Neither the TSX Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Exchange), Nasdaq or any other securities exchange or regulatory authority accepts responsibility for the adequacy or accuracy of this release.

## Forward-Looking Statements

This presentation contains certain “forward-looking information” and “forward-looking statements” (collectively “forward-looking information”) that are based on expectations, estimates and projections as at the date of this presentation and are covered by safe harbors under Canadian and U.S. securities laws. The information in this presentation about future plans and objectives of the Company is forward-looking information. Other forward-looking information includes, but is not limited to, estimates and forecasts for 2023 and future growth, hash rate, installed hash rate, installed megawatts, growth milestones and expansion plans (including computational goals) and other information concerning: the intentions, plans and future actions of the Company, as well as Bitfarms’ ability to successfully mine digital currency, revenue increasing as currently anticipated, the ability to profitably liquidate current and future digital currency inventory, volatility of network difficulty and digital currency prices and the resulting significant negative impact on the Company’s operations, the construction and operation of expanded blockchain infrastructure as currently planned, and the regulatory environment of cryptocurrency in the applicable jurisdictions.

Any statements that involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events, or performance (often but not always using phrases such as “expects”, or “does not expect”, “is expected”, “anticipates” or “does not anticipate”, “plans”, “budget”, “scheduled”, “forecasts”, “estimates”, “believes” or “intends” or variations of such words and phrases or stating that certain actions, events or results “may” or “could”, “would”, “might” or “will” be taken to occur or be achieved) are not statements of historical fact and may be forward-looking information and are intended to identify forward-looking information.

This forward-looking information is based on reasonable assumptions and estimates of management of the Company at the time it was made, and involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others, risks relating to: the global economic climate; dilution; the Company’s limited operating history; future capital needs and uncertainty of additional financing; the competitive nature of the industry; currency exchange risks; the need for the Company to manage its planned growth and expansion; the effects of product development and need for continued technology change; protection of proprietary rights; the effect

of government regulation and compliance on the Company and the industry; network security risks; the ability of the Company to maintain properly working systems; reliance on key personnel; global economic and financial market deterioration impeding access to capital or increasing the cost of capital; and volatile securities markets impacting security pricing unrelated to operating performance. In addition, particular factors that could impact future results of the business of Bitfarms include, but are not limited to: the construction and operation of blockchain infrastructure may not occur as currently planned, or at all; expansion may not materialize as currently anticipated, or at all; the digital currency market; the ability to successfully mine digital currency; revenue may not increase as currently anticipated, or at all; it may not be possible to profitably liquidate the current digital currency inventory, or at all; a decline in digital currency prices may have a significant negative impact on operations; an increase in network difficulty may have a significant negative impact on operations; the volatility of digital currency prices; cybersecurity attacks such as from malicious actors seeking to exploit vulnerabilities in the computer network operated by Bitfarms or who gain unauthorized access to Bitfarms’ digital wallets and custodial accounts; an increase in the cost of electricity may have a significant negative impact on operations; planned or unplanned electrical disruptions may have a significant negative impact on operations; the anticipated growth and sustainability of hydroelectricity for the purposes of cryptocurrency mining in the applicable jurisdictions, the ability to complete current and future financings, any regulations or laws that will prevent Bitfarms from operating its business; historical prices of digital currencies and the ability to mine digital currencies that will be consistent with historical prices; an inability to predict and counteract the effects of COVID-19 on the business of the Company, including but not limited to the effects of COVID-19 on the price of digital currencies, capital market conditions, restriction on labour and international travel and supply chains; and, the adoption or expansion of any regulation or law that will prevent Bitfarms from operating its business, or make it more costly to do so. For further information concerning these and other risks and uncertainties, refer to the Company’s filings on [www.sedarplus.ca](http://www.sedarplus.ca) including the annual information form for the year ended December 31, 2023, filed on March 7, 2024. The Company has also assumed that no significant events occur outside of Bitfarms’ normal course of business. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those expressed in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information. The Company undertakes no obligation to revise or update any forward-looking information other than as required by law.



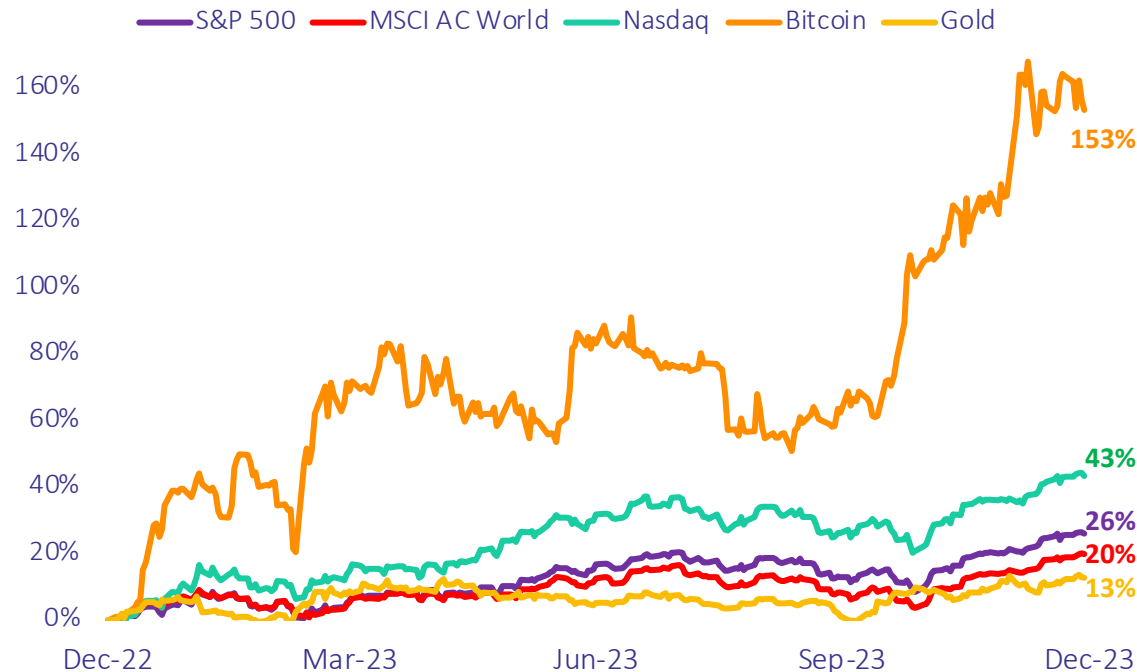
**GEOFF MORPHY**  
President & CEO

# BEST PERFORMING ASSETS IN 2023

## Why bitcoin?

- Best performing financial asset of the last decade

### CY2023 Bitcoin Performance vs Other Major Indices (Total Return %)



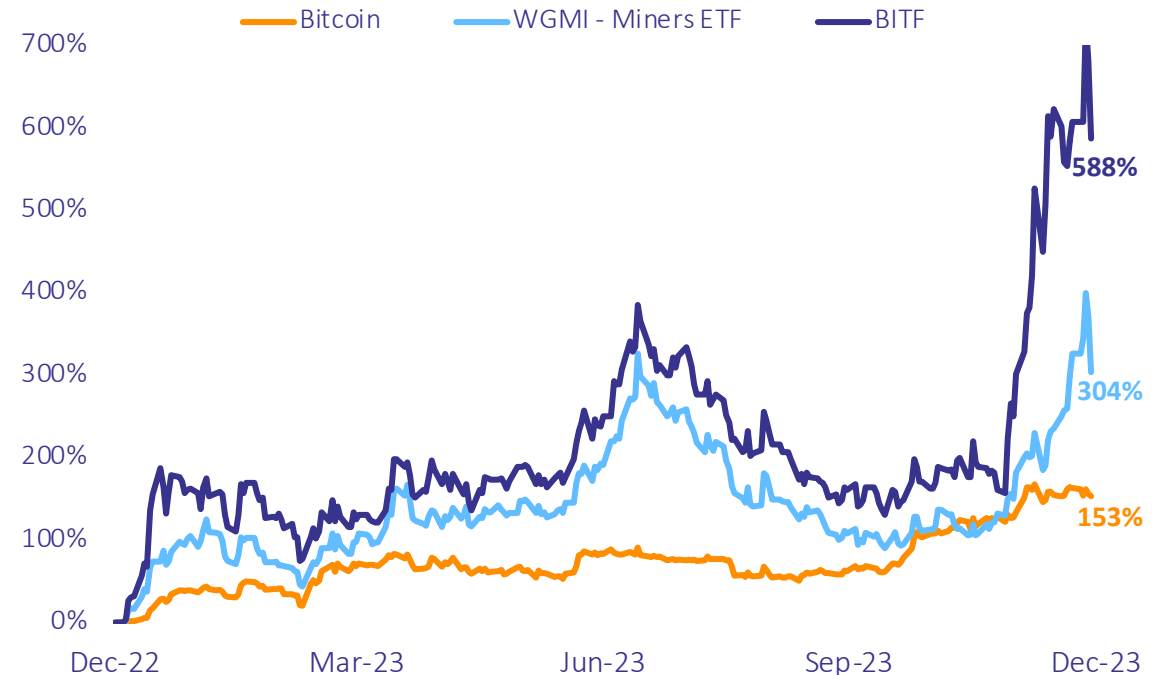
Sources: S&P Capital IQ and other publicly available information.

1. Nasdaq:BITF for CY2023 is 593%; TSX:BITF for CY2023 is +588%.

## Why Bitfarms?

- Outperformed bitcoin by 286%<sup>1</sup>
- Outperformed the BTC Mining Industry by 95%

### CY2023 BITF Performance vs Bitcoin and Miners ETF (Total Return %)<sup>1</sup>





# 2023: FORTIFYING FOUNDATION FOR TRANSFORMATIONAL GROWTH

- **Leveraged operational strength to drive 44% hashrate growth and improved energy efficiency**
- **Strengthened balance sheet**
  - Paid down 85% of debt & reached debt-free status in February 2024
  - Increased Bitcoin in treasury by 99%
  - Year-end liquidity of \$118 million
- **Purchased initial ~36,000 T21 miners in game-changing fleet upgrade**
  - Executing towards target of tripling hashrate to 21 EH/s, increasing operating capacity by 63% to 391 MW, and improving fleet efficiency by 34% to 23 w/TH
  - **Represents greatest growth in our six-year history**

# TRANSFORMATIVE FLEET UPGRADE DRIVES SIGNIFICANT GROWTH

Positions Bitfarms as an industry leader in both cost and hashrate



*“The timing of capital investment is the most important factor of the four-year mining cycle”- CEO Geoff Murphy*

1. Assumes US\$ 0.04 per KWh and US\$ 0.06 Hashprice (US\$ 0.06 / TH / Day).



# QUEBEC PLUG & PLAY MINER UPGRADE

NEW T21 MINERS

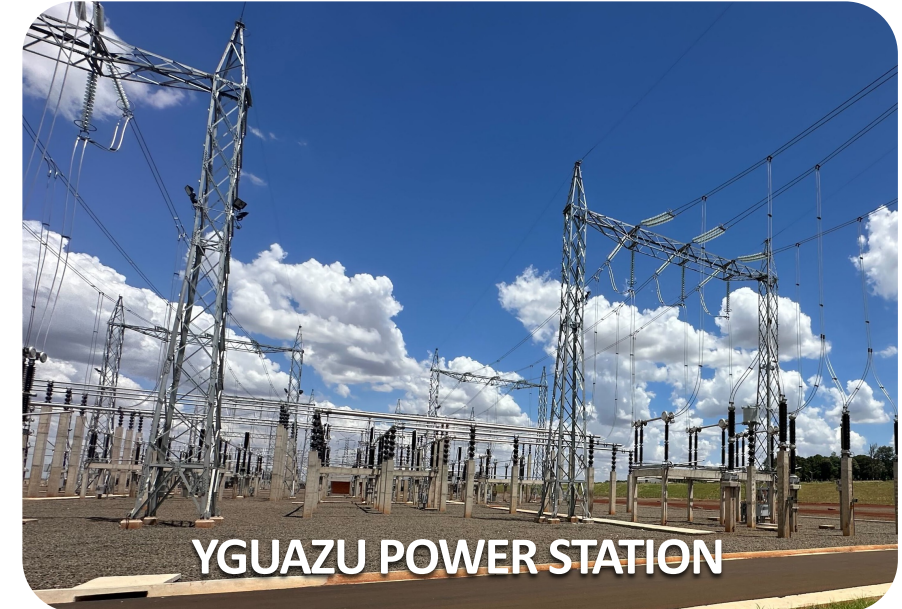
OLD M31S MINERS



# ON TRACK TO BE THE LARGEST BITCOIN MINER IN PARAGUAY

## Paraguay investments poised for growth

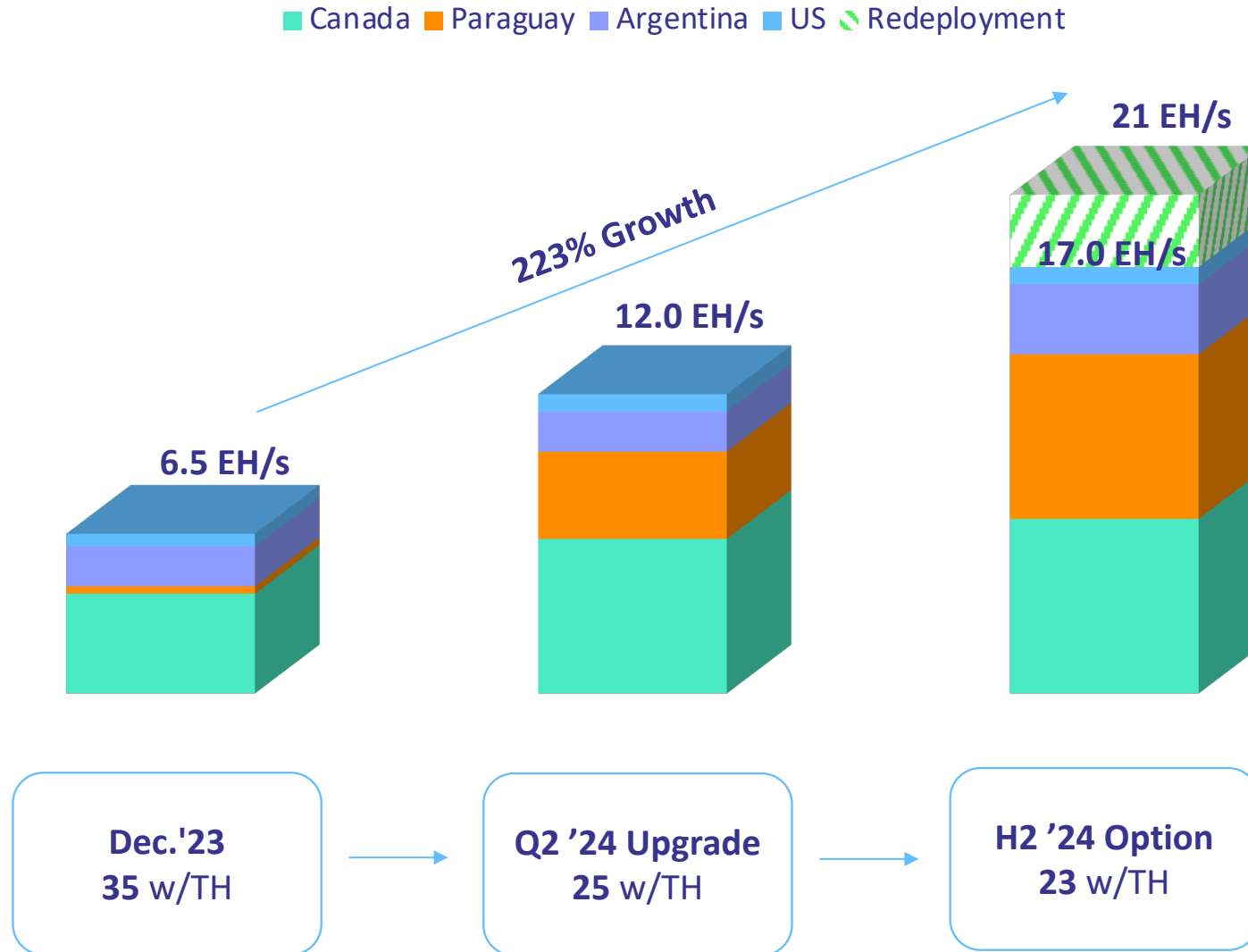
- First mover **advantage**
- **Fixed PPA** at 3.9¢/kWh<sup>1</sup>
- **No curtailment** provides up to 100% uptime
- **100% renewable** energy
- **Low-cost** construction & skilled labor
- On track to be fully **energized in 2024**



1. Excluding VAT.



# FLEET UPGRADE & EXPANSION DRIVING GROWTH & OPERATING EFFICIENCIES IN 2024



# PORTFOLIO PRO FORMA TRANSFORMATIONAL FLEET UPGRADE & MINER DEPLOYMENT

**17 EH<sup>1</sup>**  
Hashrate

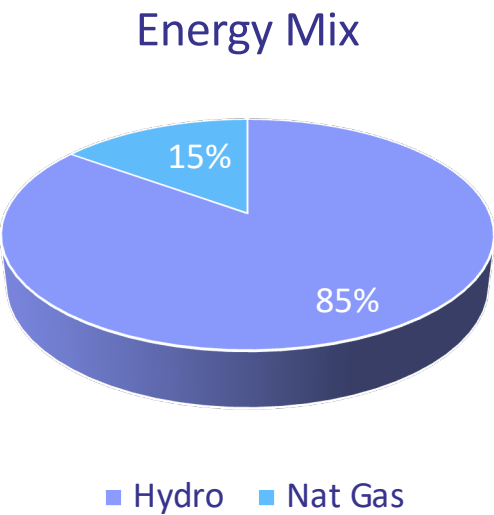
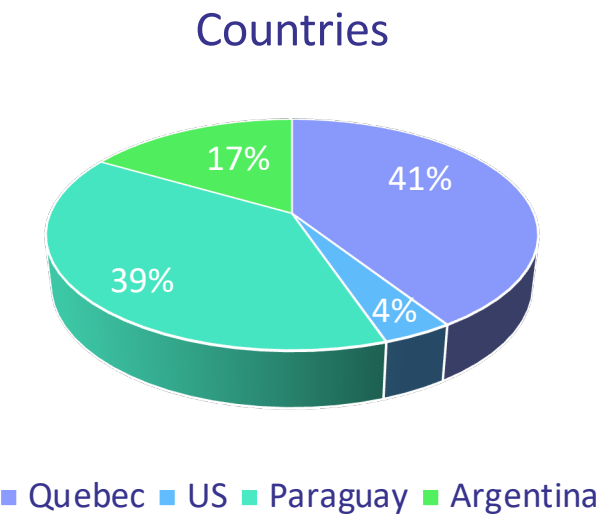
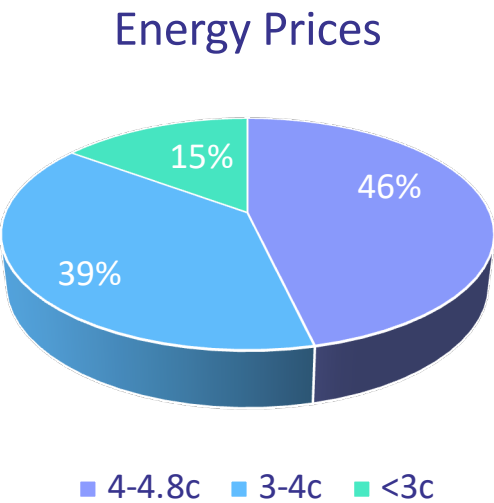
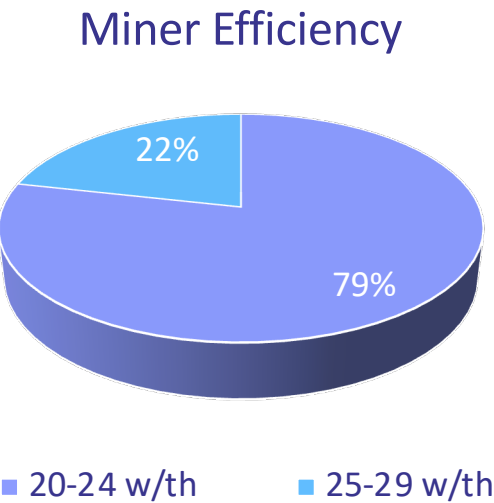
**391 MW**  
Energy capacity

**23 w/TH**  
Energy efficiency

**~81k**  
Miners

**13**  
Farms

**4**  
Countries

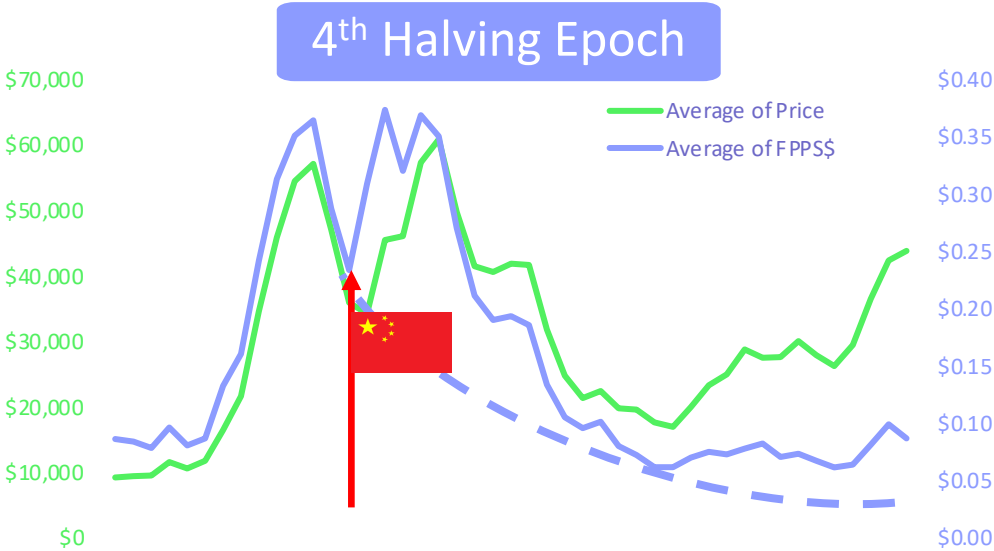
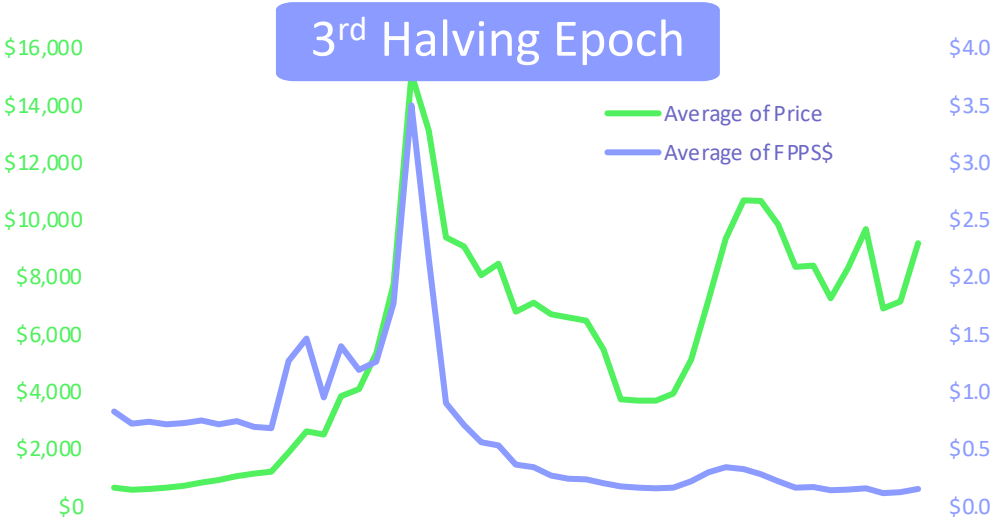
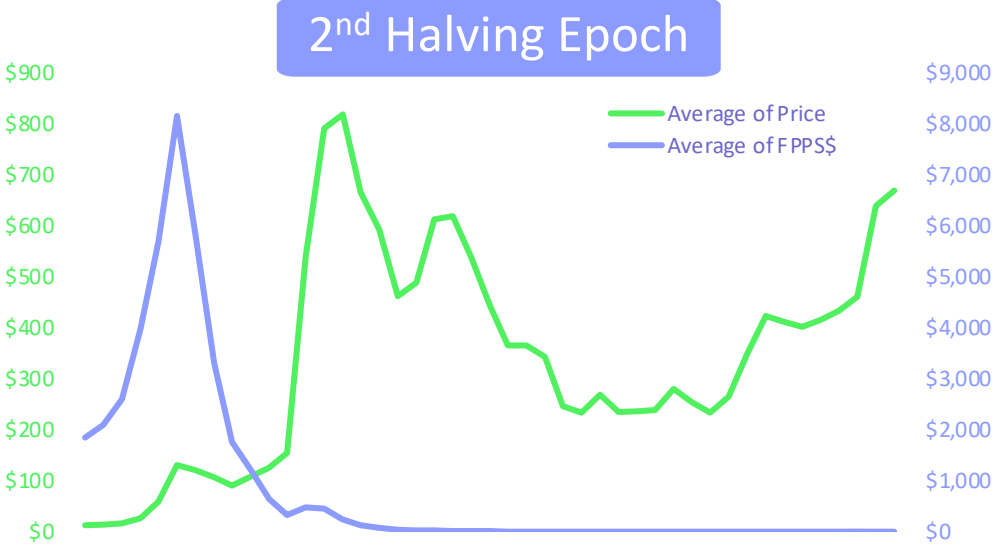
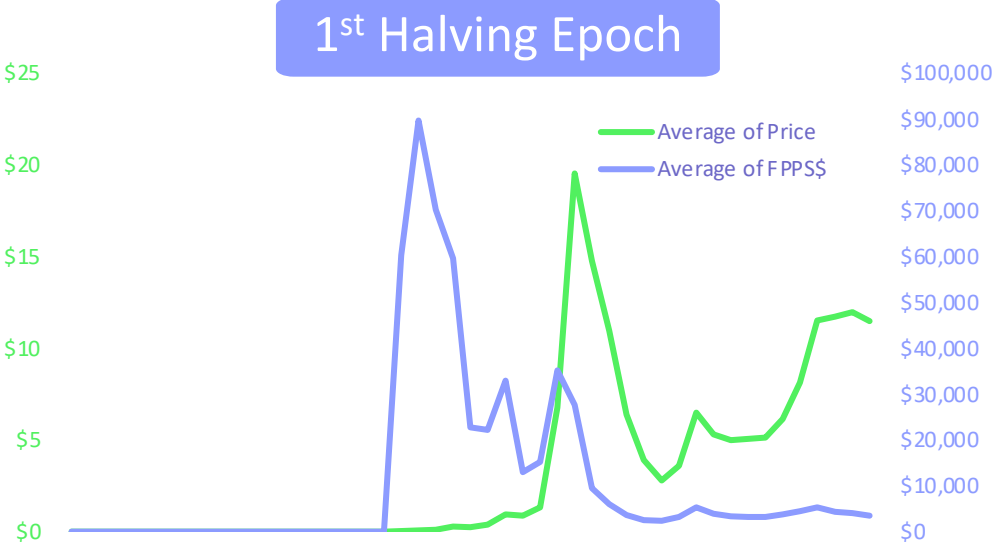


1. Further plan to 21 EH by YE24 could be met through other strategic initiatives.



**Ben Gagnon**  
Chief Mining Officer

# HALVING & MINING ECONOMICS ARE CYCLICAL



1. Source: Nasdaq Streaming API "BCHAIN" data series



# HASHCOST & HASHPRICE

| Hashcost is the<br>Direct Energy Cost<br>to Operate per TH |        | Comp 1             | Bitfarms 2024 Pro Forma<br>Energy Efficiency |            |            | Comp 2    |
|--|--------|--------------------|--|------------|------------|-----------|
|  |        | CBECI <sup>1</sup> | Q1 - 7 EH                                    | Q2 - 12 EH | Q4 - 17 EH | S21       |
|  |        | 33.6 w/TH          | 31.0 w/TH                                    | 25.0 w/TH  | 23.0 w/TH  | 17.5 w/TH |
| US\$<br>/KWh   | \$0.02 | \$0.017            | \$0.015                                      | \$0.012    | \$0.011    | \$0.009   |
|  | \$0.03 | \$0.025            | \$0.023                                      | \$0.019    | \$0.017    | \$0.013   |
|  | \$0.04 | \$0.034            | \$0.031                                      | \$0.025    | \$0.023    | \$0.017   |
|  | \$0.05 | \$0.042            | \$0.039                                      | \$0.031    | \$0.029    | \$0.022   |
|  | \$0.06 | \$0.050            | \$0.046                                      | \$0.037    | \$0.034    | \$0.026   |
|  | \$0.07 | \$0.059            | \$0.054                                      | \$0.044    | \$0.040    | \$0.031   |
|  | \$0.08 | \$0.067            | \$0.062                                      | \$0.050    | \$0.046    | \$0.035   |
|  |        |                    |  |            |            |           |
|  |        |                    |  |            |            |           |

1. <https://ccaf.io/cbsi/cbeci> (Date: March 4<sup>th</sup>, 2024)
2. Hashcost assumes 1.04 PuE
3. Hashprice assume 3% transaction fees

| Hashprice is<br>revenue per TH<br>after Halving |           | Network Hashrate |        |        |         |        |
|---|-----------|------------------|--------|--------|---------|--------|
|   |           | 450 EH           | 500 EH | 550 EH | 650 EH  | 750 EH |
| BTC \$  | \$21,000  | 2.16¢            | 1.95¢  | 1.77¢  | 1.50¢   | 1.30¢  |
|   | \$42,000  | 4.33¢            | 3.89¢  | 3.54¢  | 2.99¢   | 2.60¢  |
|   | \$65,000  | 6.70¢            | 6.03¢  | 5.48¢  | 4.64¢   | 4.02¢  |
|   | \$80,000  | 8.24¢            | 7.42¢  | 6.74¢  | 5.70¢   | 4.94¢  |
|   | \$100,000 | 10.30¢           | 9.27¢  | 8.43¢  | 7.13¢   | 6.18¢  |
|   | \$125,000 | 12.88¢           | 11.59¢ | 10.53¢ | 8.91¢   | 7.73¢  |
|   | \$150,000 | 15.45¢           | 13.91¢ | 12.64¢ | 10.70¢  | 9.27¢  |
|   |           |                  |        |        |         |        |
|   |           |                  |        |        |         |        |
| Gross Mining Margin                             |           | <0%              | 0-50%  | 50-66% | 66%-75% | >75%   |

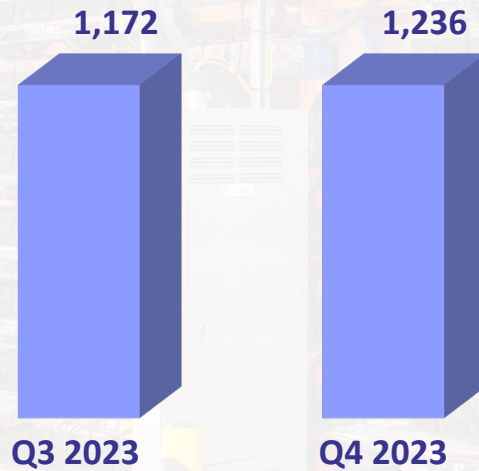


**Jeff Lucas**  
CFO

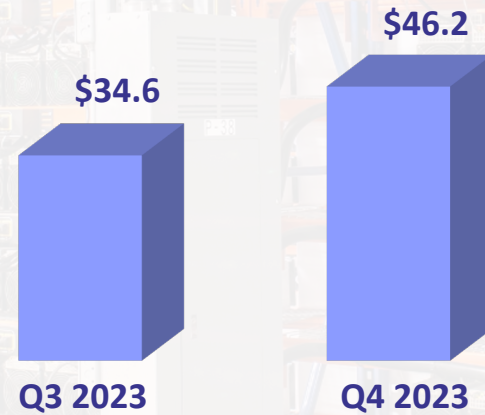


# FINANCIAL PERFORMANCE

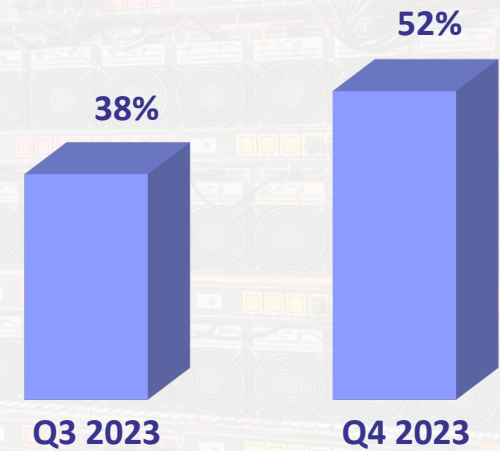
## BTC Earned



## Revenue



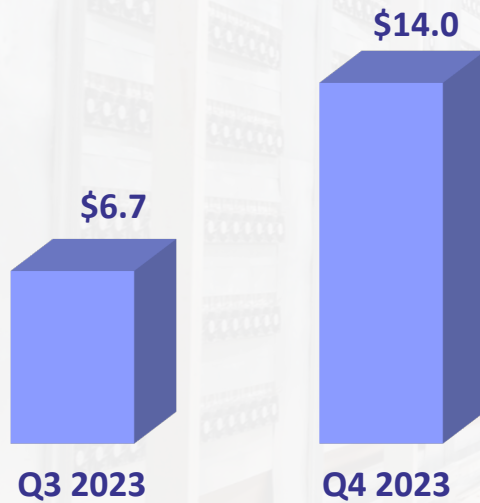
## Gross Mining Margin





# ADJUSTED EBITDA

## Quarter over Quarter



## Adjusted EBITDA Defined

Cash profit/BTC x BTC earned + Profits from Volta

= A truer measure of the financial performance and the cash generating capability of our operating activities.

**Mark-to-market BTC revaluations not included in Adjusted EBITDA**



# LIQUIDITY PROFILE

## Liquidity

At 12/2023

**\$84M**

Cash

**\$34M**

804 BTC

**\$118M**

Total Liquidity

## Debt

**\$4M**

At 12/31/2023

**\$0**

At 2/29/2024





**GEOFF MORPHY**  
President & CEO

# Well Positioned for Continued Growth in 2024 & Beyond



**High quality leveraged exposure to bitcoin** through high beta assets- bitcoin mining



Leverage low cost power, efficient hardware, operational excellence & strong financial positioning to generate **industry-leading yield-per-exahash & margin performance**



**Robust balance sheet & strong liquidity** to support future growth



**Strong leadership team** with a **6-yr track record**, including navigating a Halving

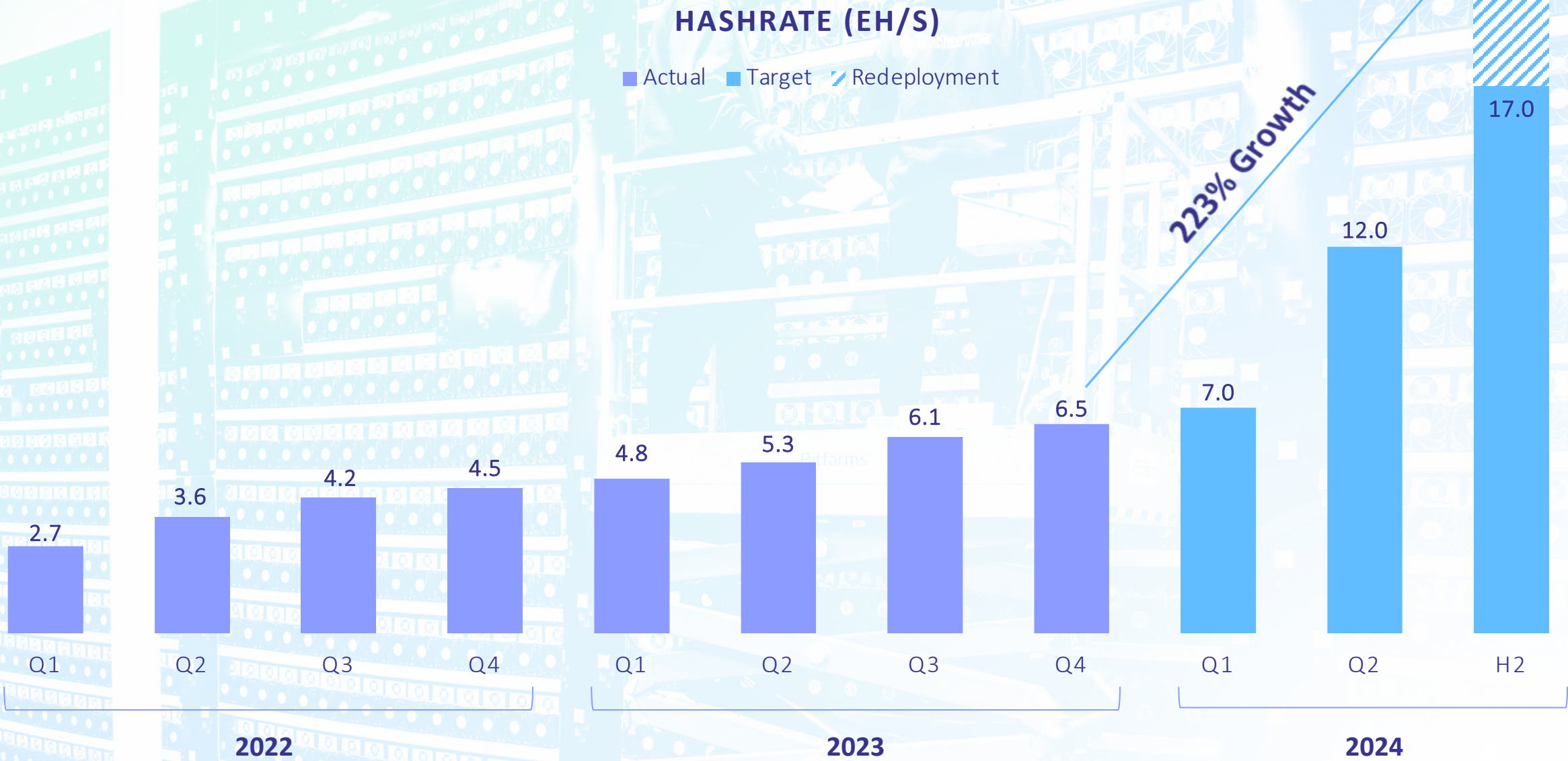


**Commitment to ESG with 85% hydro-power**

# Appendix



# FLEET UPGRADE DRIVING SIGNIFICANT GROWTH IN 2024



# LEADERSHIP TEAM



Geoff  
Morphy

PRESIDENT & CHIEF  
EXECUTIVE OFFICER



Jeffrey  
Lucas

CHIEF FINANCIAL OFFICER



Ben  
Gagnon

CHIEF MINING OFFICER



Damian  
Polla

GENERAL MANAGER –  
LATAM OPERATIONS



Benoit  
Gobeil

EVP, OPERATIONS &  
INFRASTRUCTURE



Tracy  
Krumme

SVP, INVESTOR  
RELATIONS



Philippe  
Fortier

SVP, CORPORATE  
DEVELOPMENT



Patricia  
Osorio

VP & CORPORATE  
SECRETARY



Jeff  
Gao

VP, RISK MANAGEMENT



Andrea  
Keen Souza

VP, HUMAN RESOURCES



Marc-André  
Ammann

VP, FINANCE &  
ACCOUNTING



Stephanie  
Wargo

VP, MARKETING &  
COMMUNICATIONS



Paul  
Magrath

VP, TAX &  
SUSTAINABILITY



Guillaume  
Reeves

VP, INFORMATION  
TECHNOLOGY

# BOARD OF DIRECTORS

Depth in corporate governance and financial management



Nicolás  
Bonta

CHAIRMAN OF THE BOARD OF  
DIRECTORS & FOUNDER

Nico is a founder of Bitfarms as a well a successful entrepreneur and business builder. He brings over 20 years of business experience having built a successful chain of hotels in South America and is responsible for developing strategic opportunities for growth of the company.



Emiliano  
Grodzki

BOARD MEMBER AND  
FOUNDER

Emiliano is a founder of Bitfarms as well as a business builder and innovator. With over 20 years of experience having successfully built multi-million-dollar private businesses, he is responsible for setting the company's overall vision and strategy.



Brian  
Howlett

INDEPENDENT & LEAD  
DIRECTOR

Brian Howlett, CPA. CMA is a financial professional with over 30 years experience serving as senior officer and director of many public companies. He currently serves as President, CEO and a director of Hemlo Explorers Inc. and he is a director of Nighthawk Gold Corp. He was previously the President and CEO of Dundee Sustainable Technologies Inc..



Andrés  
Finkielsztain

INDEPENDENT DIRECTOR &  
HEAD OF GOVERNANCE,  
COMPLIANCE & NOMINATION  
COMMITTEE

Andres was a Founder and Portfolio Manager of Soros Brothers Investments LLC, a New York based Fund created in 2011 for the benefit of Alexander and Gregory Soros.. He previously worked at J.P. Morgan for over 10 years in various capacities within asset management. Prior to JPM, he was an analyst for Emerging Markets at Soros Fund Management LLC. He also sits at the Board of Directors of a publicly listed company, Goldmoney Inc.



Geoffrey  
Morphy

PRESIDENT & CHIEF EXECUTIVE  
OFFICER

Geoff Morphy joined Bitfarms as Director in May 2020, later becoming Executive Vice President and then President and COO. With over 35 years of experience in senior management roles, he has served on multiple boards and holds a Bachelor of Commerce in finance from Dalhousie University. Additionally, he has obtained the ICD.D accreditation from the Institute of Corporate Directors.



Edie  
Hofmeister

INDEPENDENT DIRECTOR

Ms. Hofmeister has advised large and small multi-national extractive companies on legal and ESG matters for over twenty years. Most recently she served as Executive Vice President Corporate Affairs and General Counsel for Tahoe Resources where she led the Legal, Sustainability and Government Affairs departments and helped grow Tahoe from a junior exploration company to a mid-cap precious metals producer.



# GLOSSARY

- *BTC BTC/day = Bitcoin or Bitcoin per day*
- *EH or EH/s = Exahash or exahash per second*
- *MW or MWh = Megawatts or megawatt hour*
- *PH or PH/s = Petahash or petahash per second*
- *TH or TH/s = Terahash or terahash per second*
- *w/TH = Watts per Terahash*
- *KWh = Kilowatt per hour*

# NON-IFRS PERFORMANCE MEASURES

This presentation makes reference to certain measures that are not recognized under IFRS and do not have a standardized meaning prescribed by IFRS. They are therefore unlikely to be comparable to similar measures presented by other companies. The Company uses non-IFRS measures including "Gross margin," "Operating margin," "EBITDA," "EBITDA margin," "Adjusted EBITDA," "Adjusted EBITDA margin," "Gross mining profit," and "Gross mining margin" as additional information to complement IFRS measures by providing further understanding of the Company's results of operations from management's perspective.

EBITDA and EBITDA margin are common measures used to assess profitability before the impact of different financing methods, income taxes, depreciation of capital assets and amortization of intangible assets. Adjusted EBITDA and Adjusted EBITDA margin are measures used to assess profitability before the impact of all of the items in calculating EBITDA in addition to certain other non-cash expenses. Gross mining profit and Gross mining margin are measures used to assess profitability after power costs in cryptocurrency production, the largest variable expense in mining. Management uses non-IFRS measures in order to facilitate operating performance comparisons from period to period and to prepare annual operating budgets.

"EBITDA" is defined as net income (loss) before:

- Interest expense
- Income tax expense
- Depreciation and amortization

"EBITDA margin" is defined as the percentage obtained when dividing EBITDA by Revenue. "Adjusted EBITDA" is defined as EBITDA adjusted to exclude:

- Share-based compensation
- Non-cash finance expenses
- Asset impairment charges
- Realized gains or losses on disposition of digital assets and (reversal of) revaluation loss on digital assets
- Gain on disposition of marketable securities, gains or losses on derivative assets and liabilities & discount expense on VAT receivable
- Loss on currency exchange
- Loss (gain) on revaluation of warrants and warrant issuance costs
- Other non-recurring items that do not reflect the core performance of the business.

"Adjusted EBITDA margin" is defined as the percentage obtained when dividing Adjusted EBITDA by Revenue. "Gross mining profit" is defined as Gross profit excluding depreciation and amortization and other minor items included in cost of sales that do not directly relate to mining related activities. "Gross mining margin" is defined as the percentage obtained when dividing Gross mining profit by Revenues from mining related activities.

These measures are provided as additional information to complement IFRS measures by providing further understanding of the Company's results of operations from management's perspective. Accordingly, they should not be considered in isolation nor as a substitute for analysis of the Company's financial information reported under IFRS.



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