# C BIERINS

# INVESTOR PRESENTATION

Needham Conference

January 2025

Great Place To Work。	Great Place To Work <sub>°</sub>	Great Place To Work。
Certifié	Certified	Certified
SEP 2023 - SEP 2024	SEP 2023-SEP 2024	SEP 2023-SEP 2024
CANADA	USA	ARG

# SAFE HARBOR STATEMENT

#### GENERAL DISCLAIMERS

This presentation about Bitfarms Ltd. ("Bitfarms" or the "Company") shall not constitute an offer, solicitation or sale in any state or jurisdiction in which or to any person to whom such an offer, solicitation or sale would be unlawful. The information contained herein has been prepared by the Company solely for meetings held with a limited number of potential investors to assist the recipient in making its own evaluation regarding a potential offering of senior unsecured convertible notes of the Company (the "Securities") and does not purport to be all-inclusive or contain all the information that the recipient may desire or that may be required in order to properly evaluate the business, prospects or value of the Company or the potential offering of Securities, particularly with respect to investment considerations related to the Securities, and is qualified in its entirety by the detailed information in the offering memorandum relating to the Securities (the "Offering Memorandum"). Investors are advised to carefully read, and must make their investment decision based solely on, the detailed disclosure contained in the Offering Memorandum. The Securities described herein have not been and will not be registered under the Securities Act of 1933, as amended (the "Securities laws of any other jurisdiction.

Accordingly, the Securities will be offered and sold, and these materials are only being distributed to, persons in the United States reasonably believed to be qualified institutional buyers in accordance with Rule 144A under the Securities Act. This presentation is not for distribution or delivery to investors resident in, or subject to the securities laws of, any province or territory of Canada.

Certain information in this presentation, including market and industry data, was obtained by Bitarms from publicly available and other third-party sources, as well as Bitarms' good faith estimates. While the Company believes the information was prepared by reputable sources, the Company did not independently verify the information or the underlying assumptions. No representation or warranty is made as to accuracy, completeness of such information.

This presentation and its contents are strictly confidential to the recipient and may not be copied or distributed in whole or in part or disclosed by any recipient to any other person without the prior written consent of the Company. This presentation and the information contained herein remain the property of the Company. Your receipt of this presentation constitutes your agreement, on behalf of yourself and your agents, employees, directors, officers, advisors and other representatives, to maintain the confidentiality of the information contained in this presentation.

This presentation is not directed to or intended for use by any person resident or located in any jurisdiction where the distribution of such information is contrary to the laws of such jurisdiction. The terms of any offering of Securities will be exclusively set forth in a definitive purchase agreement to be entered into between the Company and the purchasers of any Securities and/or their representatives.

To the maximum extent permitted by law, the Company, Cantor Fitzgerald & Co., Moelis & Company, and each of their respective affiliates and the directors, officers, employees, associates, advisers and agents of any of the foregoing each expressly disclaim any and all liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of or refance on information contained in this presentations or warranties or in relation to the accuracy or completeness of the information, statements, opinions, forecasts, reports or other matters, express or implied, contained in, arising out of or derived from, or for omissions from, this presentation including, without limitation, any estimates or projections and any other financial information derived therefrom.

Statements in this presentation are made only as of the date of this presentation unless otherwise stated and the information in this presentation remains subject to change without notice. To the maximum extent permitted by law, no responsibility or liability is assumed by the Company, Cantor Fitzgerald & Co., Moelis & Company, any of their respective affiliates and the directors, officers, employees, associates, advisers and agents of any of the foregoing for updating any information in this presentation or to inform any recipient of any new or more accurate information or any errors or mis-descriptions of which they may become aware.

#### CAUTIONARY STATEMENT ON FORWARD LOOKING STATEMENTS

Certain information contained in this presentation, including any information relating to Bitfarms' future financial or operating performance, are forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act"), and forward-looking information, future oriented financial information and financial outlook within the meaning of Canadian securities laws (collectively, "forward-looking statements"). These forward-looking statements are based on expectations, estimates and assumptions as at the date of this presentation. The statements and information in this presentation regarding the impact of the hosting agreements, projected growth, target hashrate, opportunities relating to the Company's geographical diversification and expansion, deployment of miners as well as the timing therefore, closing of proposed acquisition of Stronghold Digital Mining Inc. ("Stronghold") (the "Stronghold Acquisition") on a timely basis and on the terms as announced, the ability to gain access to additional electrical power and grow hashrate and multivegravity, the opportunities to leverage Bitfarms' proven expertise to successfully enhance energy efficiency and hashrate, and other statements and objectives of the Company are forward-looking information.

Often, but not always, these forward-looking statements can be identified by the use of words such as "estimated", "potential", "open", "future", "assumed", "scheduled", "anticipated", "projected", "used", "detailed", "gain", "planned", "reflecting", "will", "containing", "expected", "to be", or statements that events, "could" or "should" occur or be achieved and similar expressions, including negative variations.

The forward-looking statements in this presentation also include financial outlooks and other forward-looking metrics relating to Bitfarms and its business, including references to financial and business prospects and future results of operations, EBITDA and Adjusted EBITDA. Such information, which may be considered future-oriented financial information or financial outlooks within the meaning of applicable Canadian securities legislation (collectively, "FOFI"), has been approved by management of the Company and is based on assumptions which management believes were reasonable on the date such FOFI was prepared, having regard to the industry, business, financial conditions, plans and prospects of Bitfarms and its business are projections are provided to describe the prospective performance of the Company's business and operations. Nevertheless, readers are cautioned that such information is highly subjective and should not be relied on as necessarily indicative of future results and that actual results may differ significantly from such projections. FOFI constitutes forward-looking statements and is subject to the same assumptions, uncertainties, risk factors and qualifications as set forth below.

This forward-looking information is based on assumptions and estimates of management of Bitfarms at the time they were made, and involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance, or achievements of Bitfarms to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information. Such factors, risks and uncertainties include, among others: the acquisition, construction and operation of new facilities may not occur as currently planned, or at all; expansion of existing facilities may not perform up to expectations; revenue may not increase as currently anticipated, or at all; the ongoing ability to successfully mine Bitcoin is not assured; failure of the equipment upgrades to be installed and operated as planned; the availability of additional power may not be as advantageous as expected; as well as those factors discussed under "Risk Factors" in the Company's neural information form for the year ended December 31, 2023, dated March 6, 2024, under "Risk Factors" in the Company's restated management's discussion and analysis for the year ended December 31, 2023 (the "2023 MD&A") and under "Risk Factors" in the Company's restated management's discussion & analysis for the year ended September 30, 2024 (the "Q3 2024 MD&A"), each of which is field on SEDAR+ at www.sedarplus.ca and on EDGAR at www.sec.gov/edgar. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ materially form those described in forward-looking statements, there may be other factors that cause actions, events or results to differ materially form those described in forward-lookin

Forward-looking statements are made as of the date hereof and the Company disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by law. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, investors should not place undue refance on forward-looking statements.

#### FINANCIAL INFORMATION AND FISCAL YEAR

All dollar amounts in this presentation are expressed in US dollars, unless otherwise indicated. Bitfarms' fiscal year ends December 31.

#### NON-IFRS FINANCIAL MEASURES

Bitfarms' restated unaudited consolidated financial statements for the three and nine month period ended September 30, 2024 (the "Q3 2024 Financial Statements"), and restated audited consolidated financial statements as at and for the years ended December 31, 2023 and 2022 (collectively, the "Bitfarms Financial Statements"), which are referred to in this corporate presentation, have been prepared in accordance with International Financial Reporting Standards ("IFRS"), as issued by the International Accounting Standards Board. However, this corporate presentation includes certain financial measures and ratios that are not defined under IFRS, including but not limited to: EBITDA and Adjusted EBITDA.

The Company believes that, in addition to financial measures and ratios prepared in accordance with IFRS, certain investors use these non-IFRS financial measures and ratios to evaluate the Company's performance. However, the measures do not have a standard ized meaning under IFRS and may not be comparable to similar financial measures disclosed by other companies. Accordingly, non-IFRS financial measures and ratios to evaluate the Company's performance. However, the measures do not have a standard ized meaning under IFRS and may not be comparable to similar financial measures disclosed by other companies. Accordingly, non-IFRS financial measures should not be considered in isolation or as a substitute for measures and ratios of the Company's performance prepared in accordance with IFRS. The Company has calculated these measures consistently for all periods presented. To facilitate a better understanding of these measures and ratios as calculated by the Company, see "Non-IFRS and Other Financial Measures and Ratios" in the Company's 2023 MD&A (the "Bitfarms MD&AA (the "Bitfarms 'uses such and an or IFRS in ancial measure and non-IFRS financial measure and non-IFRS financial measure and non-IFRS financial measure and ratios provide useful information to an investor and the additional purposes, if any, for which management of Bitfarms' uses such and the company's performance interviews and ratios approves and ratios provide useful information tege and ratios provide useful information tege and ratios and the Bitfarms' Islametal measure and networks and ratios provide useful information tege and ratios provide useful information tege and ratios approach in the company's public. Bitfarms' Financial Statements and the Bitfarms' Islatements and the Bitfarms' Islatements



# LEADING BITFARMS INTO ITS NEXT CHAPTER OF GROWTH

# 2024 YE

Operational Capacity	Upgraded Sites
324 MW	10 Sites
Completed Constructed Sites	Completed U.S. Site Acquisitions
1 Sites	1 Site
Operational Hashrate	Fleet Efficiency

12.8 EH/s 100% Growth Y/Y

21 w/TH 40% Growth YTD 2024





**Diversifying portfolio beyond BTC self**mining to include hosting, heat recapture, energy generation and trading, and HPC/AI



Expanding in the U.S., particularly in attractive PJM region, rebalancing energy portfolio in North America, and potential redomicile in the U.S.



**Capitalizing on favorable market** opportunities and macro tailwinds in energy, HPC/AI, and Bitcoin to grow revenue, expand margins, and opportunistically leverage balance sheet

## **Development Pipeline**

Capacity by YE 2025<sup>(1)</sup>

955+ MW

Multi-Year Capacity<sup>(1,2)</sup>

1.6 GW

2 Sites

U.S. Site Acquisitions<sup>(1)</sup>

2 Sites

Sites in Development

**Operational Hashrate** 

21 EH/s By 1H 2025

Fleet Efficiency

19 w/TH By 1H 2025

# MAXIMIZING THE VALUE OF OUR POWER & DIGITAL INFRASTRUCTURE ASSETS





# WELL POSITIONED FOR CONTINUED GROWTH IN 2025 & BEYOND





# **INCREASING U.S. EXPOSURE & DIVERSIFYING BEYOND BITCOIN MINING**

Stronghold acquisition, anticipated to close in Q1 2025, expected to provide accretive synergies creating long-term value for shareholders



Unique Bitcoin mining scaling opportunity and HPC / AI potential

Integrate vertically by acquiring two strategically located power facilities

Expand and rebalance energy portfolio with additional 300+ MW of 2025 U.S. power capacity

Energy trading and demand response opportunities expected to optimize energy supply

Well-positioned to be a leading miner in attractive PJM market with 400+ MW of combined capacity in 2025



# STRONGHOLD'S VERTICALLY INTEGRATED POWER GENERATION & EXPANSION POTENTIAL

*Flexible power strategy with ability to draw power from the PJM grid and / or the generation assets* 

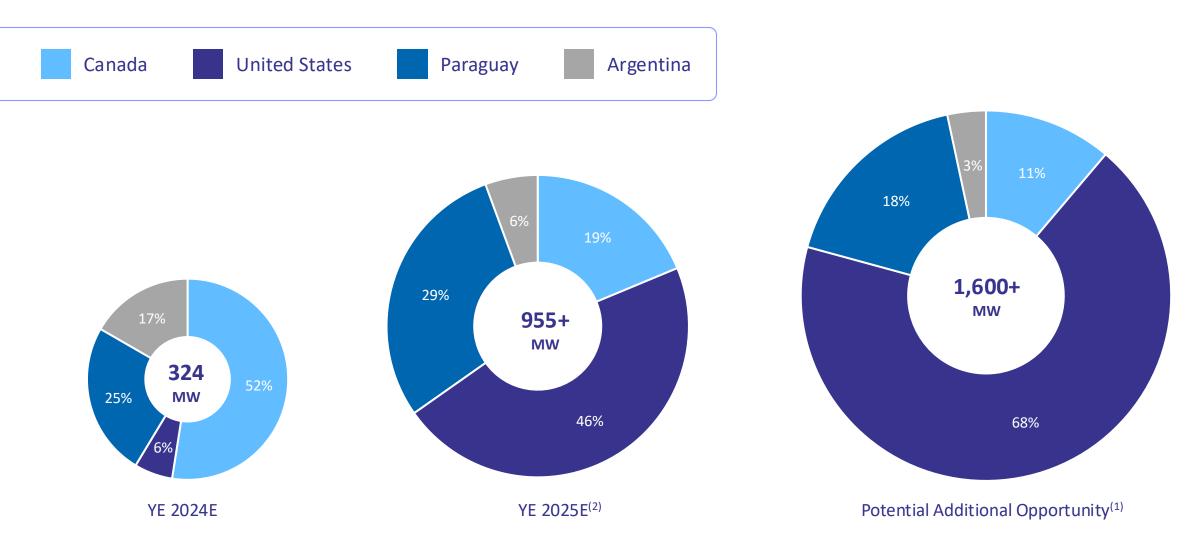
Recognized as Tier II Alternative Energy Source



1. Stronghold operating metrics as of September 30, 2024.

# CLEAR PATH TO 1.6+ GW OF POWER CAPACITY

Strategic rebalancing of portfolio towards North America





(1) Pro forma the acquisition of Stronghold reflecting Stronghold estimates per management as of September 30, 2024 and including total current power capacity.

# TARGETING 500+ MW OF FLEXIBLE CAPACITY IN THE 2025 PIPELINE

Well-positioned to take advantage of strategic opportunities with focus on maximizing ROIC

### SHARON, U.S.

# **120 MW**



# STRONGHOLD SITES, U.S. ~200 MW

#### IGUAZU FALLS, PARAGUAY

# 200 MW



#### Expected ability to support ~390,000 NVIDIA H200s or ~38 EH/s



Represents the amount of NVIDIA H200 GPUs that could be supported at each respective site.

Assumes full power capacity utilization and miner efficiency of 13.5 w/TH, reflecting Bitmain S21 XP miner or equivalent.

# CAPITALIZING ON MACRO TAILWINDS & SURGING DEMAND FOR ACCESS TO POWER & INFRASTRUCTURE

# 12%-15%

Global Data Center Demand CAGR between now and 2030

# 16-18 GW

Current U.S. Power Consumption on Data nters "Over the next three to four years, the 18 gigawatts will likely double, if not triple"

> - Waldemar Szlezak, KKR's Global Head of Digital Infrastructure

# \$250B

Anticipated Annual Spend on Data Center Infrastructure **4**x

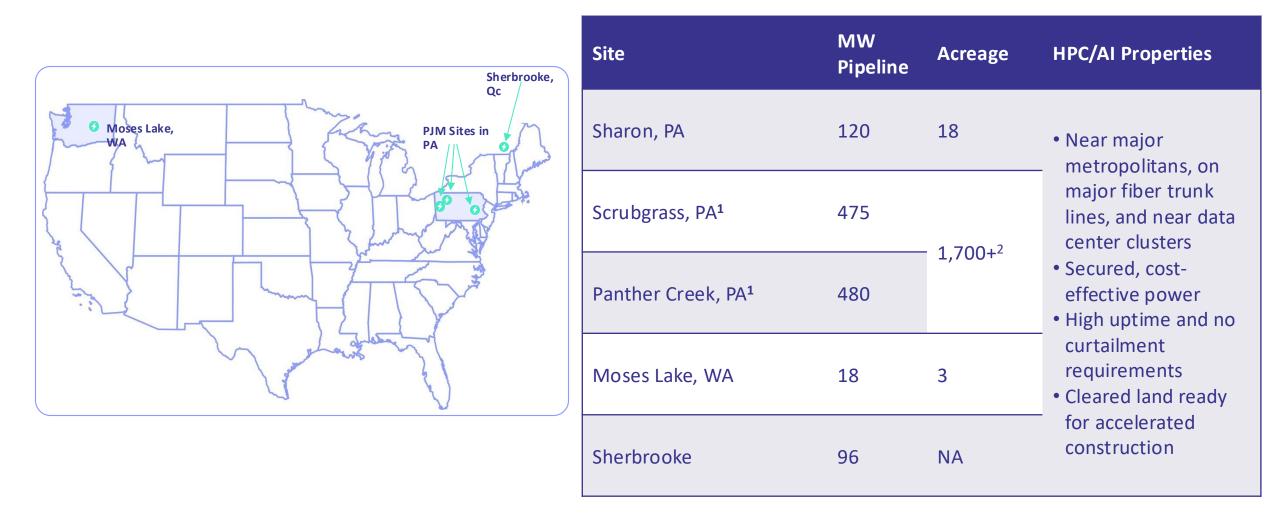
Growth in Hyperscaler Capital Expenditures From 2015-2022



Source: Data Centers: The Hubs of Digital Infrastructure by KKR Insights as of February 2024 and Bloomberg as of November 2024.

# NORTH AMERICAN SITES WELL-SUITED FOR HPC/AI

Provide secured access to power and strategically located with regards to fiber access and water rights



2. Includes 1,000 acres under option.



# SYNTHETIC HODL: A KEY SOURCE OF LOW-COST CAPITAL

- Maintain HODL upside while providing **cost-efficient capital**, funding growth through use of long-dated bitcoin call options and providing investors with **superior exposure to bitcoin**
- Achieved 135% ROIC from inception (Oct. 2023) through YE 2024, equivalent to an additional ~138 Bitcoin through purchase of Bitcoin call options

#### SUCCESS METRICS

October 2023 (inception) through December 2024

	USD \$	BTC 🛱 Equivalent
Risk Capital Deployed	<sup>\$</sup> 12,998,690	219.87
Gross Proceeds Realized	<sup>\$</sup> 30,551,698	357.83
PROFIT	<sup>\$</sup> 17,553,008	137.96
<b>RETURNS %</b>	135%	63%



# **2025: INTRODUCING BITCOIN ONE**

Building off success of Synthetic HODL program, introducing an actively managed, leveraged Bitcoin accumulation strategy funded by HODL and operating cash flows

# **OVERVIEW**

Monetizing Bitcoin's inherent volatility through the purchase of Bitcoin call & put options; capitalizing on both potential upside & downside

#### POSITIVE CONVEXITY

Upside potential > downside risk

ACTIVELY MANAGED LEVERAGE
 Provide 1.0x-3.2x levered exposure to Bitcoin

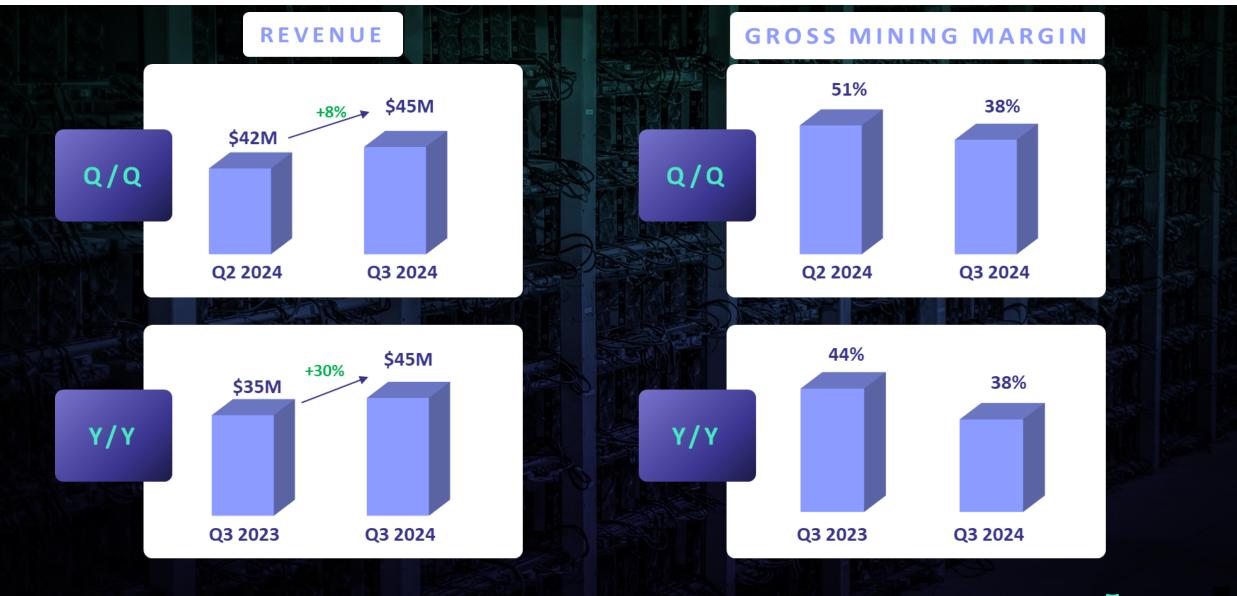
# BENEFITS

- LEVERAGE
  - Enhanced returns
- DIVERSIFICATION
  - Superior risk-reward
- CAPITAL EFFICIENCY
  - Strategic flexibility & optionality
- RISK MANAGEMENT
  Strategic & systematic capital allocation

## CAPITALIZING ON BITCOIN VOLATILITY TO OUTPERFORM & MAXIMIZE RETURNS



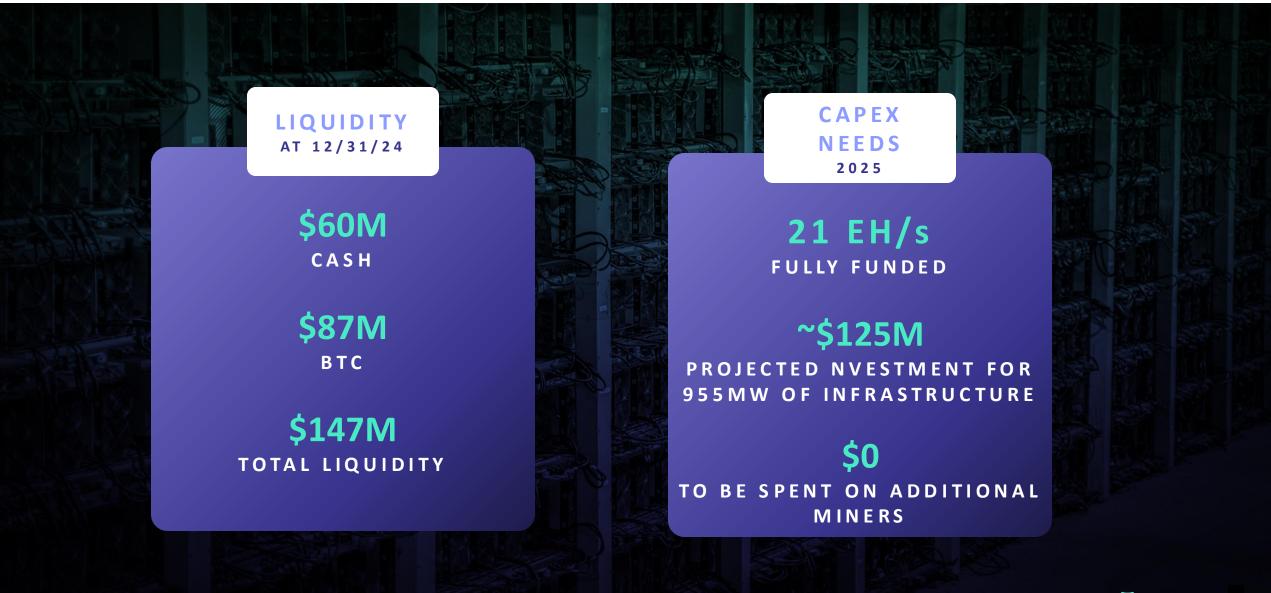
# Q3 2024 FINANCIAL PERFORMANCE



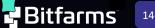
Note: All figures in US\$ millions, unless otherwise stated.

Bitfarms 13

# **ROBUST LIQUIDITY FUNDING GROWTH**



Note: All figures in US\$ millions, unless otherwise stated.



Appendix

# Q3 2024 BALANCE SHEET

Q3	2024
INCOME	STATEMENT

	September 30,	December 31,	\$	%
	2024 (Restated)	2023 (Restated)	Change	Change
Assets				
Current Assets	189,047	129,984	59,063	45%
Cash	72,913	84,038	(11,125)	(13%)
Trade receivables	1,473	714	759	106%
Other assets	11,440	1,494	9,946	666%
Short-term prepaid deposits	15,918	6,393	9,525	149%
Income taxes receivable	396		396	100%
Digital assets	72,629	31,870	40,759	128%
Digital assets - pledged as collateral		2,101	(2,101)	(100%)
Electrical component inventory	1,175	705	470	67%
Derivative assets	6,996	1,281	5,715	446%
Assets held for sale	6,107	1,388	4,719	340%
Non-current Assets	397,578	248,741	148,837	60%
Property, plant and equipment	246,514	186,012	60,502	33%
Right-of-use assets	23,955	14,315	9,640	67%
Long-term deposits, equipment prepayments and other	122,901	44,714	78,187	175%
Intangible assets	4,208	3,700	508	14%
Total Assets	586,625	378,725	207,900	55%
Liabilities	74,601	83,963	(9,362)	(11%)
Current Liabilities	51,092	69,154	(18,062)	(26%)
Trade payables and accrued liabilities	34,314	20,739	13,575	65%
Current portion of long-term debt	142	4,022	(3,880)	(96%)
Current portion of lease liabilities	2,309	2,857	(548)	(19%)
Taxes payable		1,110	(1,110)	(100%)
Warrant liabilities	14,327	40,426	(26,099)	(65%)
Non-current Liabilities	23,509	14,809	8,700	59%
Long-term debt	1,530		1,530	100%
Lease liabilities	19,974	12,993	6,981	54%
Asset retirement provision	2,005	1,816	189	10%
Equity	512,024	294,762	217,262	74%
Share capital	801,637	535,009	266,628	50%
Contributed surplus	63,785	56,622	7,163	13%
Accumulated deficit	(356,709)	(299,810)	(56,899)	19%
Revaluation surplus	3,311	2,941	370	13%
Total Liabilities and Equity	586,625	378,725	207,900	55%

	Q3 2024	Q3 2023 (Restated)	\$ Change	% Change
Revenues	44,853	34,596	10,257	30 %
Cost of revenues	(56,642)	(43,462)	(13,180)	30 %
Depreciation and amortization	(28,829)	(21,767)	(7,062)	32 %
Energy and infrastructure expenses	(26,716)	(20,396)	(6,320)	31 %
Other cost of revenues	(1,097)	(1,299)	202	(16)%
Gross loss	(11,789)	(8,866)	(2,923)	33 %
Gross margin	(26)%	(26)%	-	-
Gross Mining profit	16,699	14,527	2,172	15 %
Gross Mining margin	38 %	44 %	-	-
General and administrative expenses	(27,600)	(8,372)	(19,228)	230 %
Salaries	(7,441)	(2,928)	(4,513)	154 %
Share-based payments	(5,159)	(2,011)	(3,148)	157 %
Professional services	(11,738)	(1,795)	(9,943)	554 %
Insurance, Duties and other	(2,329)	(1,165)	(1,164)	100 %
Other G&A	(933)	(473)	(460)	97 %
(Revaluation loss) reversal of revaluation loss on digital assets	_	(1,183)	1,183	100 %
Loss on disposition of property, plant and equipment and deposits	(875)	(217)	(658)	303 %
Impairment on short-term prepaid deposits, property, plant and equipment and assets held for sale	(3,628)	_	(3,628)	(100)%
Operating loss	(43,892)	(18,638)	(25,254)	135 %
Operating margin	(98)%	(54)%	-	-
Net financial income	7,241	2,532	4,709	186 %
Net loss before income taxes	(36,651)	(16,106)	(20,545)	128 %
Income tax (expense) recovery	2	(401)	403	100 %
Net loss	(36,649)	(16,507)	(20,142)	122 %
Change in revaluation surplus - digital assets, net of tax	721	(824)	1,545	188 %
Total comprehensive loss, net of tax	(35,928)	(17,331)	(18,597)	107 %
Adjusted EBITDA	6,352	8,883	(2,531)	(28)%
Adjusted EBITDA margin	14 %	26 %	_	_
				- <b></b>

Note: All figures in US\$ millions, unless otherwise stated.

# 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

**HPC/AI** = High Performance Computing / Artificial Intelligence

# **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 largest production, the 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
- Sales tax recovery
- Other non-recuring 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, non-Mining revenues, purchase of electrical components and other expenses, electrician salaries and payroll taxes, and sales tax recovery. "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.



# Bitfarms

**Corporate Office** 110 Yonge Street, Suite 1601, Toronto ON M5C 1T4, Canada

**Operations and Accounting Office of North-America** 1040 Rue du Lux, Suite 312 Brossard, Quebec, J4Y 0E3, Canada

**Operations and Accounting Office of South-America** 3123 Castex Street, PB Buenos Aires, Argentina

