

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 2024 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 including the annual information form for the year ended December 31, 2022, filed on March 21, 2023. 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.





PURE PLAY BITCOIN MINING COMPANY DRIVING PROFITABLE GROWTH



Strategic Growth

- Disciplined growth doubling hashrate to 12 EH/s in H1 2024 with optionality up to 21 EH/s in H2 2024
- Boosting fleet efficiency from 35 W/Th to 25W/Th
- Expanding total contracted capacity to 567
 MW



Scale and Expertise

- One of the largest global players powering over 1% of the Bitcoin Network
- Operating 11 farms with 2 in development for 391 MW energized
- Proven and agile leadership team



Vertically Integrated

- Rapid development and fast implementation with wholly-owned electrical services subsidiary
- Industry leading uptime and efficiency optimization with proprietary miner management software and facility design



Financial Discipline

- Strong balance sheet for strategic growth
- High standard of financial controls and reporting
- Only Bitcoin miner audited by a Big 4 accounting firm



Geographic Diversification

- Broad global footprint provides low-cost expansion options and reduced risk
- Leveraging an international management team of experts in technology, infrastructure, financing and development



2023 OPERATIONAL HIGHLIGHTS

6.5

EH/s online as of 12/31/2023, up 44% from 12/31/2022

804

BTC held at 12/31/2023

135

held in Synthetic HODL at 12/31/2023

14.4

BTC mined / day at 12/31/2023

\$34.2 M¹

value of BTC at 12/31/2023 240

MW at 12/31/2023

4,928

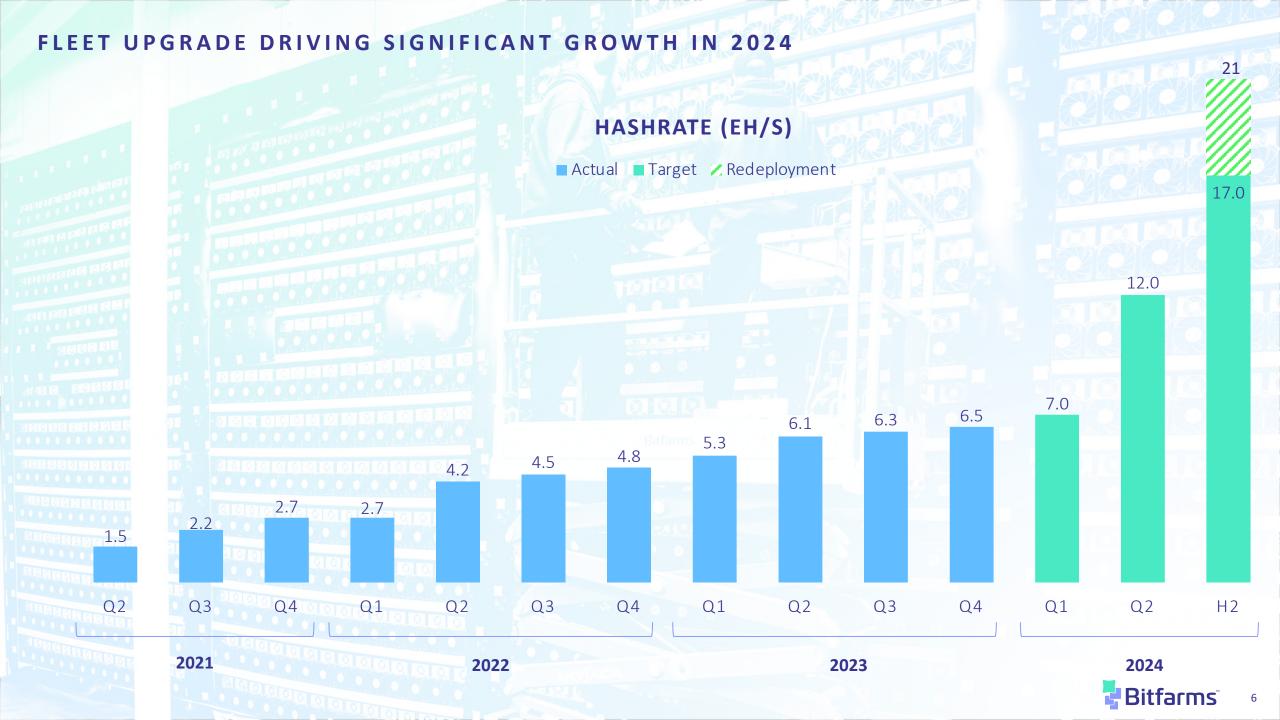
Total BTC earned in 2023

23,000+

BTC earned as of 12/31/2023

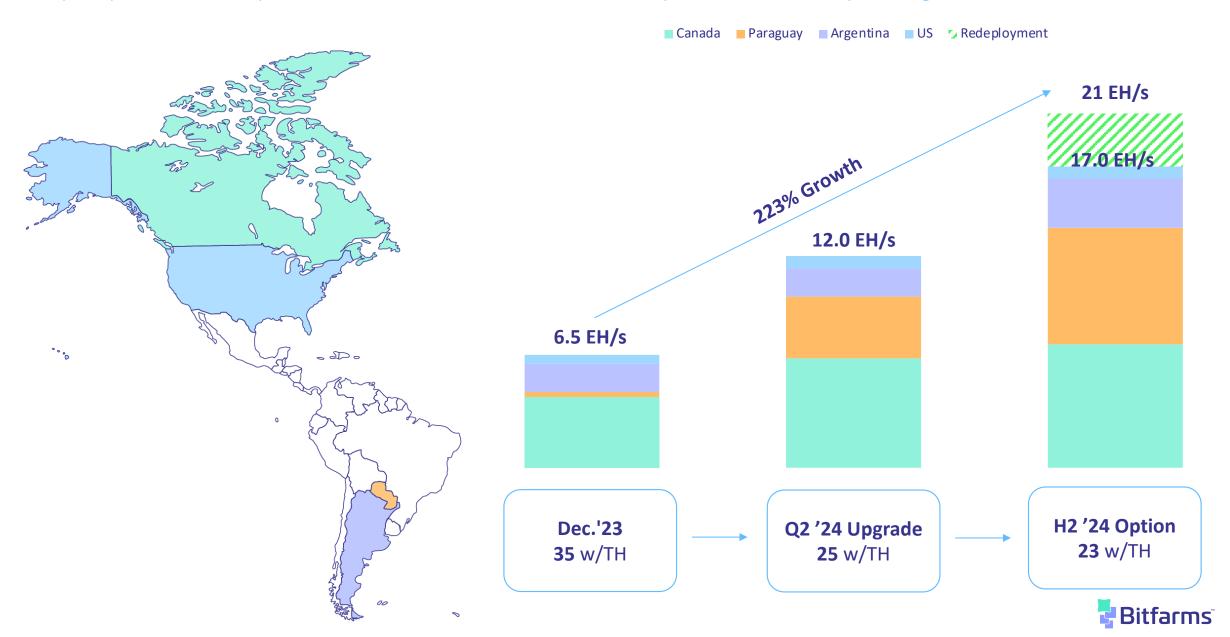
~65,600

operating miners as of 12/31/2023



FLEET UPGRADE & GROWTH

Rapid portfolio improvement in hashrate, efficiency, sustainability and geo-diversification

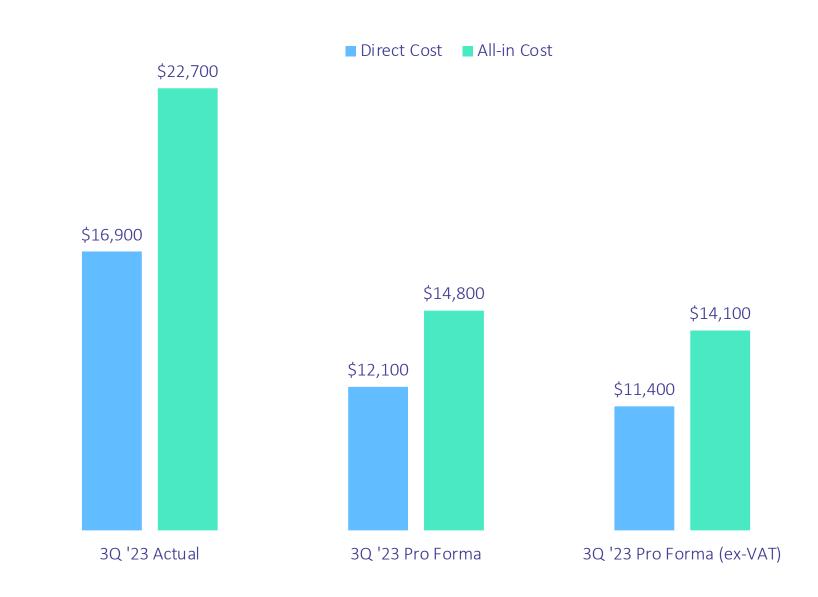




CURRENT VS PRO FORMA COST PER BITCOIN ANALYSIS

Improved Margins

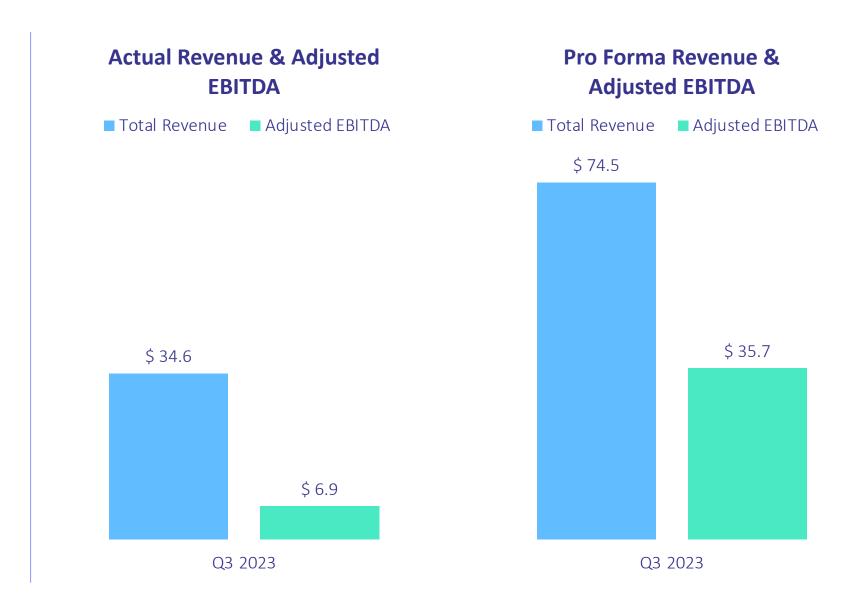
- Improving average fleet efficiency by ~30% resulting in lower Direct Cost per BTC and higher mining margins
- Doubling hashrate provides greater fixed cost absorption & improves operating margins
- Projected payback of deployed miners <1 year





ACTUAL VS PRO FORMA REVENUE & ADJUSTED EBITDA

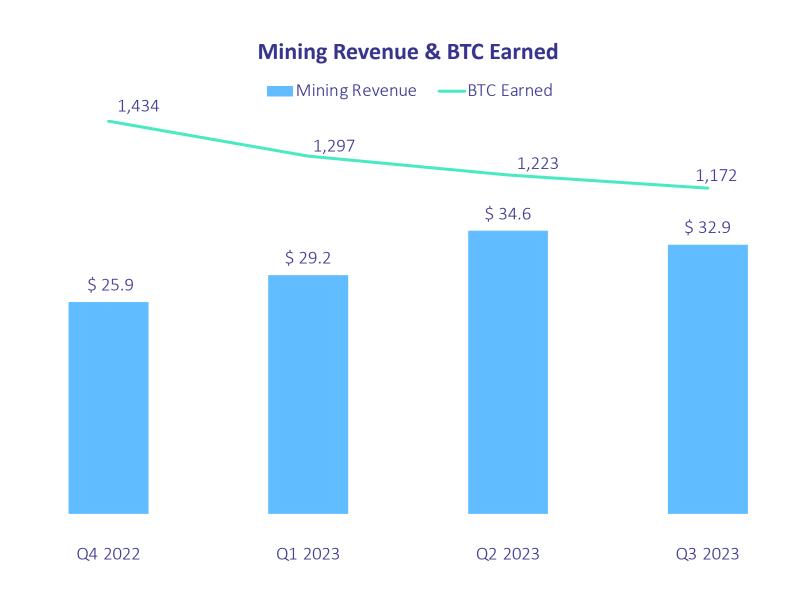
- Q3 2023 results
 - Total revenue of \$34.6M
 - Positive Adjusted EBITDA of \$6.9M





BTC EARNED & MINING REVENUE

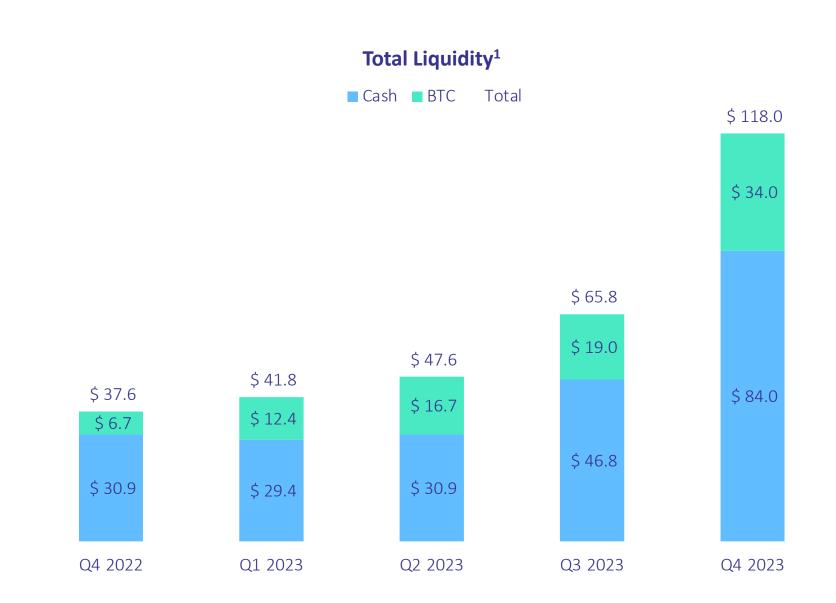
- \$32.9M mining revenue in Q3 2023 vs \$34.6M in Q2 2023
- 1,172 BTC earned Q3 2023 vs
 1,223 BTC earned Q2 2023
- Network difficulty increases:
 - 9% Q3 2023 vs Q2 2023
 - 24% Q2 2023 vs Q1 2023
 - 13% Q1 2023 vs Q4 2022
 - 20% Q4 2022 vs Q3 2022





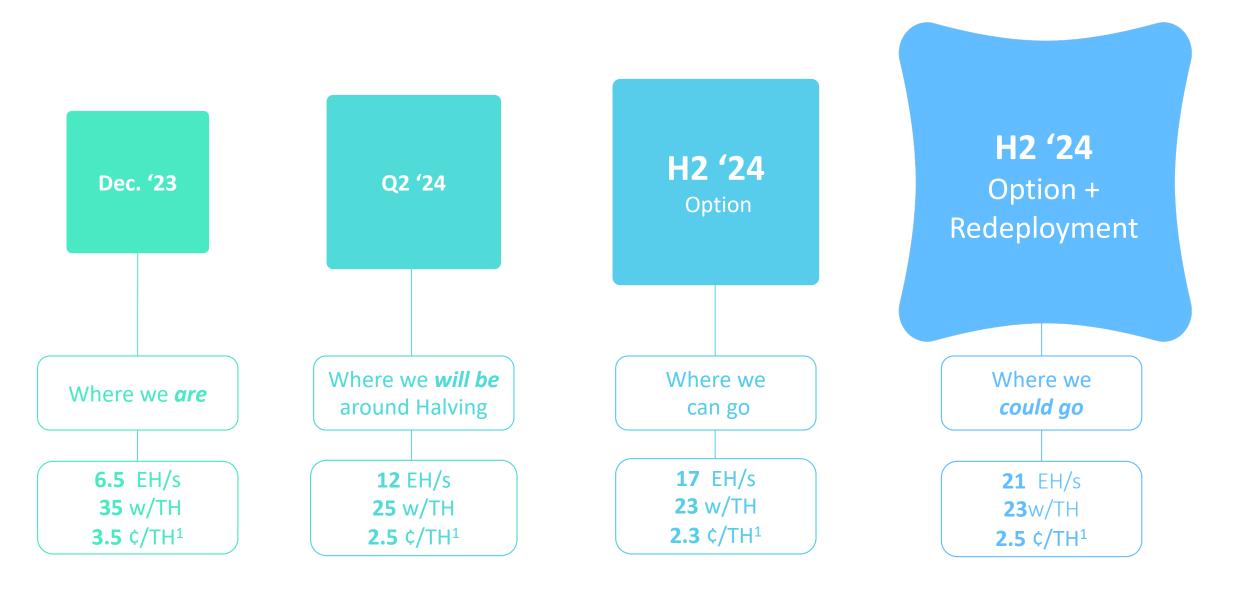
INCREASING FINANCIAL FLEXIBILITY

- Total liquidity¹ \$118M
 - \$84.0M in cash
 - \$34.0M in BTC based upon a BTC price of ~\$42,500¹
- Debt:
 - < \$4M¹
- All remaining debt to be repaid by Feb. 28, 2024





HALVING READY: POSITIONED FOR STRONG GROWTH IN 2024





AGGRESSIVE AND DISCIPLINED GROWTH STRATEGY AHEAD OF AND FOLLOWING THE NEXT BITCOIN HALVING

Responsible capital deployment

Reinvestment in our fleet with the latest in miner technology

Continued geographic diversification

Adherence to strong financial and operating controls

Audited by a big 4 accounting firm for over 5 years

Highly experienced and accomplished team supporting global growth

Appendix

LEADERSHIP TEAM



Morphy
PRESIDENT & CHIEF
EXECUTIVE OFFICER

Geoff



Jeffrey
Lucas
CHIEF FINANCIAL OFFICER



Gagnon
CHIEF MINING OFFICER

Ben



Polla

GENERAL MANAGER –
LATAM OPERATIONS

Damian



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





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 multimillion-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 midcap precious metals producer.

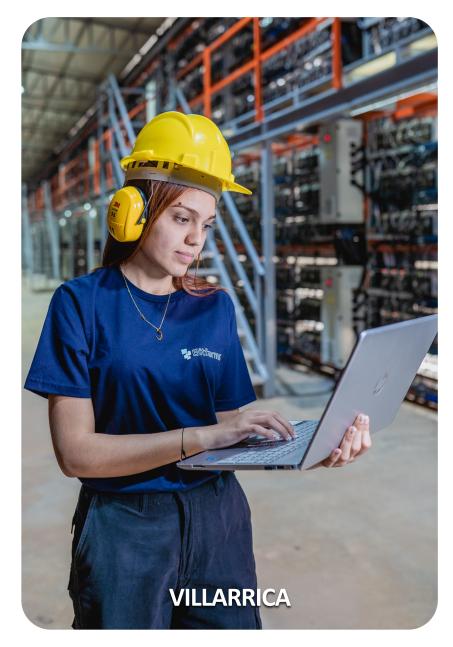
PARAGUAY

Operating

- 10 MW of hydropower in Villarrica
- Started production in January 2022
- 288 PH/s active

Power Portfolio under Development

- Acquired 2 contracts for up to 150 MW of hydropower:
 - 50 MW Paso Pe, near Villarrica
 - 100 MW Yguazu, close to the Itaipu Dam, 3rd largest in the world
- Construction advancing as planned on the 50 MW facility at Paso Pe to be completed in Q1 2024







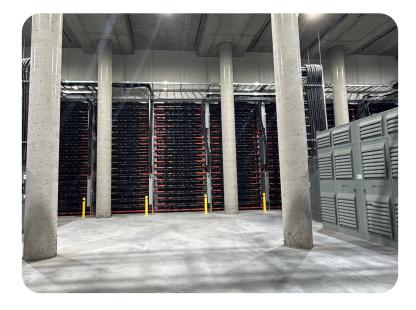


FARM HIGHLIGHTS





- Increased to
 - 54 MW capacity
 - 1.6 EH/s hashrate



QUÉBEC, CANADA

- Baie-Comeau:
 - ~2,800 miners installed
 - Reached hashrate of 240 PH/s
 - Cleared the site to house the planned 11 MW H2 2024 expansion and poured the building's concrete footings ahead of schedule.



WASHINGTON, USA

- Operating 18 MW
- Generating approximately 600 PH/s

SHERBROOKE, QUÉBEC

- Hydro Powers
 - 3 farms campus
- Operating
 - The Bunker
 - Leger
 - Garlock

96 MW

48 MW

30 MW

18 MW









BITFARMS LTD. CONSOLIDATED FINANCIAL & OPERATIONAL RESULTS

	Three months ended September 30,		Nine months ended September 30,	
(U.S.\$ in thousands except where indicated)	2023	2022	2023	2022
Revenues	34,596	33,247	100,125	115,391
Cost of revenues	43,462	37,186	123,384	92,789
Gross (loss) profit	(8,866)	(3,939)	(23,259)	22,602
Gross margin (1)	(26)%	(12)%	(23)%	20%
Operating expenses				
General and administrative expenses	8,372	10,299	25,887	39,534
Realized loss on disposition of digital assets	_	44,329	_	122,243
(Reversal of) revaluation loss on digital assets	1,183	(45,655)	(1,512)	21,118
Loss on disposition of property, plant and equipment	217	756	1,776	1,692
Impairment on short-term prepaid deposits, equipment and construction prepayments, property, plant and		94.116	0.002	94 116
equipment and right-of-use assets	_	84,116	9,982	84,116
Impairment on goodwill	_	_	_	17,900
Operating loss	(18,638)	(97,784)	(59,392)	(264,001)
Operating margin (1)	(54)%	(294)%	(59)%	(229)%
Net financial income	(336)	(8,251)	(12,706)	(24,191)
Net loss before income taxes	(18,302)	(89,533)	(46,686)	(239,810)
Income tax expense (recovery)	401	(4,725)	(23)	(17,603)
Net loss	(18,703)	(84,808)	(46,663)	(222,207)
Basic and diluted loss per share (in U.S. dollars)	(0.07)	(0.40)	(0.19)	(1.09)
Change in revaluation surplus - digital assets, net of tax	(824)	_	1,567	_
Total comprehensive loss, net of tax	(19,527)	(84,808)	(45,096)	(222,207)
Gross Mining profit (2)	12,505	16,789	39,017	74,089
Gross Mining margin (2)	38%	52%	40%	66%
EBITDA (2)	4,280	(65,419)	19,767	(177,217)
EBITDA margin (2)	12%	(197)%	20%	(154)%
Adjusted EBITDA (2)	6,866	10,325	21,107	52,326
Adjusted EBITDA margin (2)	20%	31%	21%	45%

⁽¹⁾ Gross margin and Operating margin are supplemental financial ratios; refer to section 9 - Non-IFRS and Other Financial Measures and Ratios of the Company's MD&A.



⁽²⁾ Gross Mining profit, Gross Mining margin, EBITDA, EBITDA margin, Adjusted EBITDA and Adjusted EBITDA margin are non-IFRS measures or ratios; refer to section 9 - Non-IFRS and Other Financial Measures and Ratios of the Company's MD&A.

BITFARMS LTD. RECONCILIATION OF CONSOLIDATED NET INCOME (LOSS) TO EBITDA AND ADJUSTED EBITDA

	Three months ended September 30,		Nine months ended September 30,	
(U.S.\$ in thousands except where indicated)	2023	2022	2023	2022
Revenues	34,596	33,247	100,125	115,391
Net loss before income taxes	(18,302)	(89,533)	(46,686)	(239,810)
Interest expense	815	3,394	3,458	10,950
Depreciation and amortization	21,767	20,720	62,995	51,643
EBITDA	4,280	(65,419)	19,767	(177,217)
EBITDA margin	12%	(197)%	20%	(154)%
Share-based payment	2,011	3,961	7,009	17,993
Realized loss on disposition of digital assets	_	44,329	_	122,243
Impairment on short-term prepaid deposits, equipment and construction prepayments, property, plant and	_	04.116	0.002	94.116
equipment and right-of-use assets	_	84,116	9,982	84,116
(Reversal of) revaluation loss on digital assets	1,183	(45,655)	(1,512)	21,118
Impairment on goodwill	_	_	_	17,900
Gain on extinguishment of long-term debt and lease liabilities	_	_	(12,835)	_
Gain on disposition of marketable securities	(4,120)	(13,690)	(11,246)	(44,332)
Net financial expenses and other	3,512	2,683	9,942	10,505
Adjusted EBITDA	6,866	10,325	21,107	52,326
Adjusted EBITDA margin	20%	31%	21%	45%

BITFARMS LTD. CALCULATION OF GROSS MINING PROFIT AND GROSS MINING MARGIN

	Three months ended September 30,		Nine months ended September 30,	
(U.S.\$ in thousands except where indicated)	2023	2022	2023	2022
Gross (loss) profit	(8,866)	(3,939)	(23,259)	22,602
Non-Mining revenues (1)	(1,697)	(971)	(3,775)	(2,342)
Depreciation and amortization	21,767	20,720	62,995	51,643
Purchases of electrical components and other	892	690	1,836	1,262
Electrician salaries and payroll taxes	409	289	1,220	924
Gross Mining profit	12,505	16,789	39,017	74,089
Gross Mining margin	38%	52%	40%	66%

(1) Non-Mining revenues reconciliation:

	Three months ended September 30,		Nine months ended September 30,	
(U.S.\$ in thousands except where indicated)	2023	2022	2023	2022
Revenues	34,596	33,247	100,125	115,391
Less Mining related revenues for the purpose of calculating gross Mining margin:				
Mining revenues	(32,899)	(32,276)	(96,350)	(113,049)
Non-Mining revenues	1,697	971	3,775	2,342

BITFARMS LTD. CALCULATION OF DIRECT COST AND DIRECT COST PER BTC

Three months ended Septembe		led September 30,	er 30, Nine months ended September 30	
(U.S.\$ in thousands except where indicated)	2023	2022	2023	2022
Cost of revenues	43,462	37,186	123,384	92,789
Depreciation and amortization	(21,767)	(20,720)	(62,995)	(51,643)
Purchases of electrical components	(890)	(688)	(1,830)	(1,252)
Electrician salaries and payroll taxes	(409)	(289)	(1,220)	(924)
Infrastructure	(600)	(1,060)	(2,303)	(3,841)
Other		336	82	633
Direct Cost	19,796	14,765	55,118	35,762
Quantity of BTC earned	1,172	1,515	3,692	3,733
Direct Cost per BTC (in U.S. dollars)	16,900	9,700	14,900	9,600

BITFARMS LTD. CALCULATION OF TOTAL CASH COST AND TOTAL CASH COST PER BTC

	Three months ended September 30,		Nine months ended September 30,	
(U.S.\$ in thousands except where indicated)	2023	2022	2023	2022
Net loss before income taxes	18,302	89,533	46,686	239,810
Revenues	34,596	33,247	100,125	115,391
Depreciation and amortization	(21,767)	(20,720)	(62,995)	(51,643)
Purchases of electrical components	(890)	(688)	(1,830)	(1,252)
Electrician salaries and payroll taxes	(409)	(289)	(1,220)	(924)
Share-based payment	(2,011)	(3,961)	(7,009)	(17,993)
Realized loss on disposition of digital assets	_	(44,329)	_	(122,243)
(Reversal of) revaluation loss on digital assets	(1,183)	45,655	1,512	(21,118)
Loss on disposition of property, plant and equipment	(217)	(756)	(1,776)	(1,692)
Impairment on short-term prepaid deposits, equipment and construction prepayments, property, plant and equipment and right-of-use assets	_	(84,116)	(9,982)	(84,116)
Impairment on goodwill	_	_	_	(17,900)
Net financial income	336	8,251	12,706	24,191
Other	(179)	336	(97)	633
Total Cash Cost	26,578	22,163	76,120	61,144
Quantity of BTC earned	1,172	1,515	3,692	3,733
Total Cash Cost per BTC (in U.S. dollars)	22,700	14,600	20,600	16,400

- 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
- 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 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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