

Strategic Merger of Cathedra Bitcoin Inc. and Kungsleden Inc.

Infrastructure for the Digital Economy

MANAGEMENT PRESENTATION = 9 JULY 2024 = BLOCK HEIGHT: 851,400



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materially and adversely affect our business; our ability to manage working capital; and our dependence on key personnel. Cathedra is an early stage company with a short operating history; and it may not actually achieve its plans, projections, or expectations. Important factors that could cause actual results to differ materially from Cathedra's expectations include, deliberations and potential power rate increases by the public utility regulators in the jurisdictions in which we operate which could limit the ability of the company to carry on business on a profitable basis or at all, consumer sentiment towards Cathedra's products and blockchain technology generally, litigation, global economic climate, equipment failures, increase in operating costs, decrease in the price of bitcoin, security threats including a loss/theft of Cathedra's bitcoin, government regulations, loss of key employees and consultants, additional funding requirements, changes in laws, technology failures, competition, and failure of counter-parties to perform their contractual obligations. Except as required by law, we undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future event or otherwise, after the date on which the statements are made or to reflect the occurrence of unanticipated events. Neither we nor any of our representatives make any representation or warranty, express or implied, as to the accuracy, sufficiency or completeness of the information in this presentation. Neither we nor any of our representatives shall have any liability whatsoever, under contract, tort, trust or otherwise, to you or any person resulting from the use of the information in this presentation by you or any of your representatives or for omissions from the information in this presentation.

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Speaker Introduction



AJ Scalia ceo, cathedra

- Founding member of the bitcoin mining business at Galaxy Digital
- Prior experience in investment banking and principal investing at Galaxy Digital
- Began his career in technology investment banking at J.P. Morgan



Drew Armstrong

PRESIDENT, CATHEDRA

- Founding member of the bitcoin mining business at Galaxy Digital
- Prior experience in investment banking and principal investing at Galaxy Digital
- Began his career in investment banking at Barclays



Tom Masiero ceo. kungsleden

- Co-founded and grew Kungsleden to 90 MW of capacity under management
- Co-founder and COO of Great American Mining (acquired by Crusoe Energy in 2022)
- Served as Cathedra's Head of Business Development in 2022, deploying 4,000+ latest generation Bitmain machines



Overview of Proposed Transaction

Proposed transaction ¹	 Cathedra Bitcoin Inc. ("Cathedra") and Kungsleden, Inc. ("Kungsleden"), to combine in an all- stock merger transaction
	 Cathedra to issue stock to Kungsleden shareholders to acquire 100% of issued and outstanding Kungsleden shares
	 Combined company is expected to maintain its Canadian listing on TSX-V and expects to cross- list on a major U.S. stock exchange imminently upon closing
Exchange ratio	 Equivalent of 625 shares of Cathedra common stock per Kungsleden common share
	Pro forma non-diluted ownership: 27.5% Cathedra shareholders, 72.5% Kungsleden shareholders
Key approvals	 Approval of the transaction by Cathedra shareholders
	 Receipt of all regulatory and TSX-V approvals
Timing	Expected to close in Q3 2024

Note: 1 The completion of the proposed transaction is subject to a number of risks and uncertainties, including shareholder and TSX Venture Exchange approval and there is no guarantee that it will be completed.



Cathedra is Merging with Kungsleden Inc., a Developer and Operator of High-Density Compute Infrastructure



Note: All financial information is unaudited; ¹Predecessor entities were founded in 2022 and Kungsleden Inc. was founded in 2023; ² Kungsleden is a 25% JV partner in a 60-MW data center under development in North Dakota, expected to be completed in phases between March and June 2024. Kungsleden's 25% interest translates to 15 MW of owned power capacity, but Kungsleden is developing and will manage the full 60 MW of power capacity and an expected 3.3 EH/s of third-party hash rate at the site.



Transaction Rationale

- 1. Repositioning into high-growth, high-value market for compute infrastructure
- 2. Kungsleden's differentiated development and operating model
- 3. Superior risk-adjusted hosting economics
- 4. Business diversification through hosting and, eventually, HPC
- 5. Mining cost synergies
- 6. Attractive valuation
- 7. Strengthens Cathedra's balance sheet
- 8. Experienced Kungsleden development team
- 9. Scale for a U.S. listing



Creating a Leading Developer and Operator of Infrastructure for the Bitcoin-Centered Digital Economy

Combined company would create a scaled, vertically integrated, and diversified public bitcoin mining company, with expected:

(Figures in USD, unless otherwise noted)



Notes: The above represents the reasonable expectations of management and is subject to a number of risks and uncertainties. There is no guarantee that such results will be achieved. All financial information is unaudited; ¹ Figures are estimated as of June 18, 2024; ² Includes two data centers leased by Cathedra, one third-party data center which hosts Cathedra machines, three completed and operating data centers owned by Kungsleden, and one 60-MW data center under construction of which Kungsleden owns 25% (15 MW); ³ Includes total power capacity at two Washington data centers leased by Cathedra (5 MW total), three completed and operating data centers owned by Kungsleden (30 MW total), and one 60-MW data center under construction in North Dakota for which Kungsleden is acting as developer and operator for the full capacity; ⁴ Represents Kungsleden owned data center capacity that is currently completed (30 MW) or under development (15 MW); ⁶ Includes third-party hash rate at one Kungsleden-managed data center under construction in North Dakota (3.3 EH/s), and proprietary Cathedra hash rate (0.4 EH/s); ⁶ Combined company's implied market capitalization estimate is based on the value of Cathedra's shares on the TSX Venture Exchange as of the last trading day prior to the date of the announcement of the proposed transaction and the value of Kungsleden's unstanding shares implied by the exchange ratio; ⁷ Expected pro forma annualized hosting revenue is based on existing agreements with hosting clients and expected revenue from Kungsleden's under-construction 15-MW of capacity in North Dakota (5.90 EH/s, transaction fees equal to 8% of block reward.



Combined Company Boasts a Diversified Operating Footprint: 7 Total Locations Across 4 U.S. States





Kungsleden Portfolio Brings New Assets, Capabilities, and Geographies

Combined company expects to manage 4.8 EH/s of total hash rate and 95 MW of total power capacity

	Kentucky 1	Kentucky 2	North Dakota ¹	Tennessee 1 ²	Tennessee 2	Legacy Wash.	New Wash.
Structure	Owned	Owned	Owned ¹	Owned	Hosted	Leased	Leased
Hosting	\checkmark	\checkmark	\checkmark	\checkmark	-	-	-
Proprietary Mining	-	_	_	\checkmark	\checkmark	\checkmark	\checkmark
Owned Power Capacity	10 MW	10 MW	15 MW	10 MW	_	-	-
Managed Power Capacity	10 MW	10 MW	60 MW	10 MW	_	2 MW ³	3 MW ³
Third-Party Managed Hash Rate	430 PH/s	430 PH/s	3,287 PH/s	276 PH/s	_	-	_
Proprietary Hash Rate	-	_	-	106 PH/s	88 PH/s	76 PH/s	85 PH/s

¹ Kungsleden is a 25% JV partner in a 60-MW data center under development in North Dakota, expected to be completed in phases between March and June 2024. Kungsleden's 25% interest translates to 15 MW of owned power capacity, but Kungsleden is developing and will manage the full 60 MW of power capacity and an expected 3.3 EH/s of third-party hash rate at the site; ² 3 MW of total 10-MW Tennessee 1 site is occupied by existing Cathedra machines; ³ Includes two sites in Washington that are leased by Cathedra, including rights to additional 500kW at New Washington site.



Illustrative Bitcoin Mining Hosting Model

Kungsleden develops data centers, then provides electricity and ancillary services to bitcoin miners at a fixed margin above cost

(Figures in USD, unless otherwise noted)



Power Plant or Utility



Electricity Under PPA

\$50/MWh Consumed¹



Hosting Provider

- Develops site: land, electrical infrastructure, data center enclosures, server racks, networking equipment, physical security, etc.
- Secures power purchase agreement with power plant ("behind-the-meter") or utility
- Rents rackspace and other services (e.g., maintenance, security) to bitcoin mining tenants at a per-MWh spread to power cost





\$73/MWh Consumed²



Bitcoin Miner

¹ Kungsleden's expected run-rate power cost is equal to approximately \$50/MWh across its 45-MW portfolio; ² Kungsleden's blended average contracted hosting rate is equal to approximately \$73.14/MWh across its 45-MW portfolio.



Illustrative Kungsleden Bitcoin Mining Hosting Site Unit Economics

Kungsleden's development model offers quick recovery of capital and compelling cash yields

(Figures in USD, unless otherwise noted)	Commentary			
Expected development cost per MW 1 Estimated FMV per MW 2 Development premium/(discount) to estimated FMV (%)	\$170,000 458,000 <i>(</i> 63% <i>)</i>	Blended average of realized construction costs for completed 30 MW in KY/TN and estimated construction costs for 25% stake in 60-MW ND site (\$250k/MW) (under development)		
Annual revenue per MW @ \$73.14/MWh 3 Less: Annual power expense per MW @ \$50.00/MWh <mark>4</mark>	\$608,671 (416,100)	2 Estimated fair market value of \$458k/MW based on Marathon Digital's \$179m acquisition of a 390-MW portfolio of bitcoin mining sites from Generate Capital, closed in January 2024		
Annual site-level operating cash flow per MW Site-level operating cash flow margin (%)	\$192,571 32%	3 Average contracted hosting rate of approximately \$73/MWh across Kungsleden's 45-MW portfolio. Assumes 95% uptime		
Less: Annual maintenance capex per MW 5 Annual site-level cash flow per MW	(10,000) \$182,571	4 Expected run-rate electricity cost of approximately \$50/MWh across Kungsleden's 45-MW portfolio. Assumes 95% uptime		
Site-level cash flow margin (%) 5 Implied payback period (years)	30% 0.93	5 Minimal maintenance capex associated with Kungsleden sites after development is completed		
Implied cash flow yield (%)	107%	⁶ Fixed-rate revenue and power costs have historically produced stable margins that can be reliably forecast		

Notes: The above site-level cash flow calculation excludes applicable taxes, which may vary based on location and a number of other factors. The above represents the reasonable expectations of management and is subject to a number of risks and uncertainties. There is no guarantee that such results will be achieved. All financial information is unaudited.



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Historically Stable Hosting Revenue Expected to Complement Existing Volatile, High-Upside Mining Revenue

Kungsleden's comparatively stable hosting margins expected to provide downside protection following 2024 Halving

(Figures in USD, unless otherwise noted)

Expected Pro Forma Revenue Mix



Expected Pro Forma Site-Level Cash Flow Mix

Note: The above represents the reasonable expectations of management and is subject to a number of risks and uncertainties. There is no guarantee that such results will be achieved. All financial information is unaudited. Analysis assumes Cathedra hash rate of 355 PH/s, network hash rate of 600 EH/s, transaction fees equal to 8% of current block reward. Expected pro forma hosting site-level cash flow is equal to hosting revenue minus power expense. Expected pro forma proprietary mining site-level cash flow is equal to bitcoin mining revenue minus direct cash mining costs, including pool fees, lease payments, hosting fees, and revenue shares. Expected pro forma hosting revenue and site-level cash flow include 42 MW of hosting capacity from Kungsleden (including Kungsleden's 25% minority interest in a 60-MW data center in North Dakota, which is currently under development) assuming Kungsleden's existing blended average rate of \$73.14/Wh, expected run-rate power cost of \$50.00/MWh, maintenance expenses of \$10,000 per MW per year, and 95% uptime. Expected pro forma hosting revenue less expected pro forma power and site-level cash flow includes 355 PH/s of installed proprietary mining hash rate from Cathedra under existing lease, hosting, and revenue share agreements and assuming 100% uptime.



Kungsleden's Proven, Repeatable Development Model Expected to Bring New Growth Trajectory

Accelerating growth with compelling unit economics and return characteristics shows a capital-efficient path to scale

(Figures in USD, unless otherwise noted)



Kungsleden Construction Cost vs. Completed FMV (\$000s/MW)³



Notes: The above represents the reasonable expectations of management and is subject to a number of risks and uncertainties. There is no guarantee that such results will be achieved. All financial information is unaudited; ¹2024 includes Kungsleden's 25% minority interest in a 60-MW data center under construction in North Dakota, of which 10 MW is already live and the remaining 50 MW is expected to be completed in July 2024; ² Industry standard greenfield site construction time represents an estimate according to industry research; ³ Kungsleden construction costs represents a blended average based on realized construction of a 390-MW portfolio of bitcoin mining sites from Generate Capital, announced in December 2023; ⁴ Kungsleden cost of power represents a blended average of Contracted hosting rates at Kungsleden's sites (including North Dakota, which has been fully contracted).



Avg. Cost of Power vs. Avg. Contracted Hosting Rate (\$/MWh)⁴

Standard

\$73

Client

Hosting Rate

Historical

Estimated Average Greenfield Site Construction Time (Months)²

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Demand for High-Density Compute Infrastructure Is Booming

Robust growth in demand for data center capacity from bitcoin and AI is expected through 2030



Growing compute demand means ASIC/GPU owners are paying premiums for data center "rackspace"



AI Market Offers Compelling Unit Economics

High-performance compute offers greater revenue per unit of power consumed with greater stability and is uncorrelated to bitcoin price



Commentary

- Bitcoin mining offers substantial upside in the event of bitcoin price appreciation, but is far more volatile
- Bitcoin mining machines typically require replacement every 3-4 years to maintain unit economics
- Hosting for high-performance compute requires more site-level capex per MW than bitcoin mining but can offer long-term fixed revenues and margins. For example, Core Scientific's recent deal with CoreWeave secures fixed revenue and margins for Core Scientific for the entire 12-year term
- Tier 3 data center high-performance compute hosting rates can be even higher, with many around ~\$130 per kW per month plus pass through power

Note: High-performance compute revenue is based on Core Scientific deal with CoreWeave for 200 MW expected to generate \$3.5bn of revenue over 12 years, announced in June 2024. Bitcoin mining revenue is based on hash price of \$53/PH/s/d.



Strengthened Leadership Team to Lead Next Phase of Growth

Cathedra and Kungsleden combine complementary skillsets while maintaining low corporate headcount (10 employees)



Drew Armstrong

- PRESIDENT
- Founding member of the bitcoin mining business at Galaxy Digital
- Prior experience in investment banking and principal investing at Galaxy Digital
- Began his career in investment banking at Barclays



- Founding member of the bitcoin mining business at Galaxy Digital
- Prior experience in investment banking and principal investing at Galaxy Digital
- Began his career in technology investment banking at J.P. Morgan



CHAIRMAN

- Investor in and co-founder of Kungsleden predecessor entities in 2022
- Investor in and operator of 200+ megawatts of bitcoin mining capacity
- Began his career in Goldman Sachs' sales and trading division



Tom Masiero

DIRECTOR

- Co-founded and grew Kungsleden to 90 MW of capacity under management
- Co-founder and COO of Great • American Mining (acquired by Crusoe Energy in 2022)
- Served as Cathedra's Head of Business • Development in 2022, deploying 4,000+ latest generation Bitmain machines



Inar Kamaletdinov

CHIEF FINANCIAL OFFICER

- Years of experience in the Canadian capital markets as a finance executive across a range of high-growth sectors
- Co-founder and Partner at Imperium • Consulting, a firm providing corporate accounting services



Isaac Fithian

CHIEF FIELD **OPERATIONS OFFICER**

- Founding member of Great American Mining, a bitcoin mining company focused on off-grid operations
- Deep technical and operational bitcoin mining experience across data center development and operations



Rete Browning

CHIEF TECHNOLOGY OFFICER

- Founding member of Great American Mining, where he served as Principal Engineer
- Trained as a chemical and petroleum engineer and as a technology and energy analyst



Note: Proposed leadership team above is subject to final approvals

Conclusion

- 1. Repositioning into high-growth, high-value market for compute infrastructure
- 2. Kungsleden's differentiated development and operating model
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Thank You

WWW.CATHEDRA.COM IR@CATHEDRA.COM

