



Infinidium

Infinidium Power Corp. (INFIN)

The Next Generation of Sustainable Data Centers



infinidium

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Executive Summary

Infinidium Power Corp is redefining global compute infrastructure through the development of modular, off-grid, carbon-negative GPU datacenters. Our patented Vortex Vacuum Chamber (VVC) system integrates air-cooled GPU arrays, thermoelectric heat recovery, and axial-flux power generation into a dry-operating, zero-water, zero-grid platform for AI-scale workloads.

Infinidium will launch a commercial demonstration project featuring 64 NVIDIA H200 GPUs, validating the system's compute performance, emissions reduction profile, and energy-autonomous capabilities. This initial pilot will establish the baseline data necessary for carbon offset verification, token utility deployment, and investor reporting. It will also power internal AI LLM training and content monetization workflows using our proprietary orchestration stack.

Following the demonstration, Infinidium will begin phased rollout of full-scale 5 MW units, each hosting 6,400 GPUs and generating up to \$1.5 billion/year in revenue with net margins exceeding 90%. Each 5 MW site is projected to offset 30,860 tCO₂e/year and will be funded via carbon credit forward sales, low-interest debt, and internal cashflow—eliminating the need for equity dilution.

The compute network is powered by the INFIN token, a blockchain-based utility credit used to purchase GPU time. During the \$1 million seed round, tokens are offered at \$0.05 and redeemable at a fixed rate of \$2/hour for H200 compute, representing a 90% discount to enterprise retail pricing. Post-ICO compute access will shift to dynamic market-based rates with a 5% discount for users paying in INFIN.

Infinidium is targeting large-scale enterprise and institutional compute buyers who seek sovereign, high-performance AI infrastructure with integrated ESG advantages. The platform combines zero-water cooling, self-powered operation, and carbon-offset monetization into a single, deployable unit—capable of full ROI in under 90 days.

Canada's data center capacity has grown, with over 150 facilities and major cloud providers operating domestically, yet the country remains 75% dependent on U.S. data centers for internet traffic, cloud storage and real-time processing. This makes Canada one of the most important expansion jurisdictions in the world and the first target for Infinidium infrastructure.

The INFIN token is an ERC-20 utility token with a fixed supply of 1,000,000,000 units, used as the primary form of payment across the Infinidium platform for access to AI compute services. Token distribution includes 70% retained by the treasury, 10% allocated to presales and the public ICO, and 20% reserved for founders and the management team under a structured vesting schedule.

Introduction

The exponential growth of data-driven industries, coupled with the rise of Cryptocurrency mining, has led to an unprecedented demand for energy-intensive computing power. Traditional data centers and mining facilities often struggle with high operational costs, environmental concerns, and inefficiencies in cooling and power management. Infinidium emerges as a solution to these challenges, offering innovative cooling and power infrastructure that not only eliminates energy consumption for cooling but also generates energy from waste heat. By harnessing the principles of passive air cooling within the Vortex Vacuum Chamber, coupled with advanced assembly/maintenance robotics, and AI, Infinidium aims to establish itself as a leader in sustainable and costeffective data center solutions. The Vortex Vacuum Chambers can be deployed into existing building with only minor modifications to electrical systems and rooftop venting. Traditional data centers can take up to 3 years to develop and require highly customized structures massive power supplies and abundant water supply. Infinidium reduces the development timeline from years to just weeks at a fraction of the cost by eliminating numerous auxiliary components and system



Key Highlights

- **Self-Powered Data Centers:**

Proprietary Vortex Vacuum Chamber (VVC) cooling and Axial Flux Permanent Magnet Generators (AFPMG) create a fully autonomous energy-generating system. The VVC functions as a free air handling unit, converting waste heat into energy that powers the battery and Pulse Motor and AFPMG controller, ensuring continuous off-grid operation.

- **Decentralized Compute Economy:**

The INFIN token fuels the ecosystem, facilitating GPU rentals, carbon credit generation and trading.

- **Scalable & Modular:**

Autonomous GPU clusters deploy within weeks, bypassing traditional grid and permitting constraints.



Token Sale Structure

Stage Retail	Token Price	Raise Target	Tokens Issued	Effective \$/Hour	Discount vs
Seed Round	\$0.05	\$1,000,000	20,000,000	\$2.00/hr	~90%
Presale Round 1	\$0.10	\$2,000,000	20,000,000	\$5.00/hr	~75%
Presale Round 2	\$0.25	\$5,000,000	20,000,000	\$10.00/hr	~50%
Presale Round 3	\$0.50	\$10,000,000	20,000,000	\$16.00/hr	~20%
Public ICO	\$1.00	\$20,000,000	20,000,000	Market	~5%
Total		\$38,000,000	100,000,000		

- **Projected Presale Revenue:**

\$93.5M will fund a 5 MW self-powered data center, with the treasury retaining unsold tokens staking, and platform incentives.

- **Investor Benefits:**

- o **Airdrop Dividends:**

Token holders receive airdropped rewards from revenue and carbon credit sales.

- o **Decentralized Compute Access:**
Investors gain priority access to GPU leasing at discounted rates

Phase 1: Private Pre-Sale & Outreach

Targeted Private Investors & VCs

- Secure \$1M - \$5M from crypto-focused VCs.

Strategic Partnerships & Market Makers

- Engage whale syndicates, DAOs, and family offices to secure long-term liquidity.
- Work with Wintermute Trading & GSR Markets (performance-based market makers).

Crypto PR & Influencer Growth

- use influencer commercial based deals
- Leverage top crypto influencers through pay-per performance contracts.



Phase 2: Public Sale & DEX Expansion

IDO Across Multiple Launchpads

- Use DAO Maker, Polkastarter, Seedify, and TrustPad for high visibility.
- ICO Public \$1 per INFIN, targeting a \$20M+ raise

Liquidity Strategy for DEX Trading

- Deploy Uniswap & PancakeSwap pools with a liquidity reserve.
- Expand to SushiSwap & Raydium for multi-chain support



Phase 3: Post-ICO Growth, Staking

Institutional Expansion & Post-Sale Liquidity

- Attract hedge Ventures.
- Offer staking-backed token allocations instead of up front payments.

INFIN-C Token Staking & Governance Model

- Launch DAO governance & staking pools to incentivize long-term holders.
- Integrate INFIN with DeFi lending & borrowing platforms.
- Launch carbon credit INFIN-C Token Exchange and integrate KLIMADAO & TOCO

Infinidium Power Corp. is at the forefront of decentralized computing and blockchain-powered infrastructure, delivering a high-value, scalable, and ESG- compliant investment opportunity. With patent-backed technology a strong tokenomics model, and a regulatory-optimized corporate structure, Infinidium is positioned to lead the next evolution of sustainable, self-powered high-performance computing.



Industry Landscape

The data center industry is undergoing rapid transformation due to increasing demand for artificial intelligence (AI) blockchain, cloud computing, and high-performance computing (HPC). However, the sector faces significant challenges in energy consumption, sustainability, and infrastructure scalability.

Infinidium Power Corp. is positioned to disrupt the trillion-dollar data center, cloud computing, and AI infrastructure market, which is projected to surpass \$4 trillion by 2032. By introducing self-powered, off-grid, carbon-neutral data centers, Infinidium eliminates reliance on traditional energy grids while offering unmatched economic efficiency.

Market Growth & Industry Evolution

- **Global Market Expansion & Crypto Integration**

The evolution of blockchain and cryptocurrency has drastically altered the computing landscape. As digital assets continue to dominate financial markets, the need for decentralized, high-performance, and secure computing power has become more pressing than ever. All major financial institutions, corporations, and technology firms are either fully reliant on or actively integrating blockchain technology, further increasing the demand for sustainable, independent computing solutions.

Global adoption of Bitcoin, Ethereum, and Layer 2 scaling solutions has led to an unprecedented demand for high-performance computing infrastructure, with mining operations, smart contracts, and DeFi applications requiring massive energy resources. Meanwhile, Web3 adoption and enterprise blockchain solutions have placed additional pressure on cloud providers to integrate scalable, decentralized alternatives.

- **Key Industry Challenges**

Traditional data centers and HPC system are face rising energy costs, consuming up to 10% of global electricity, while cooling inefficiencies account for 30-40%+ of operational expenses. Deployment bottlenecks further delay scalability, with construction times ranging from 18-36 months. Additionally, governments are mandating stricter ESG compliance, requiring significant investment in carbon-neutral solutions.

How Infinidium Solves Industry Challenges

1. Self-Powered, Grid-Free Data Centers Infinidium Solves Industry Challenges

The Vortex Vacuum Chamber (VVC) Cooling System is a net-energy-generating passive air handling system that eliminates HVAC and liquid cooling costs while powering the battery and AFPMG generator controller. The Axial Flux Permanent Magnet Generator (AFPMG) enables fully autonomous, renewable power generation, making Infinidium's operations 100% off-grid and carbon neutral. Integrated carbon credit monetization creates an additional revenue stream, strengthening financial sustainability.

Vortex Vacuum Chamber Design

- Buoyancy-Driven Airflow: Enables natural convection without external fans.
- Heat Recapture Mechanism: Extracts waste heat from high-power GPU systems.
- Optimized Geometry: CFD-validated chamber shape maintains airflow efficiency.

3. Energy Recovery Potential

3.1 GPU Heat Output and Conversion Efficiency

Power Demand of the System

- 128 NVIDIA H200 GPUs: 89.6 kW total power consumption.
- 16 Motherboards and CPUs: 8 kW total power consumption.
- Total System Load: 97.6 kW. Waste Heat Availability
- Total GPU and CPU Waste Heat Output: 82.6 kW (85% of total system power)
- AFPMG Waste Heat Contribution (10% loss): 10 kW

3.2 Multi-Stage Heat and Kinetic Energy Recovery

1. TPV & TEG Arrays: Proven technologies contributing 15-20 kW
2. Stirling Engine Arrays with Heat Recapture: Multiple Stirling engines convert thermal gradients into mechanical work, contributing 15-20 kW.
3. Fan-Turbine for Airflow Energy Generation: Fan-turbine units capture kinetic energy from vortex-driven airflow to produce 5-10 kW.

Projected Total Output:

- Max efficiency scenario: 50-60 kW total recovered power.

2. Economic & Scalability Advantages

Infinidium's pre-printed modular data centers allow for deployment in weeks, compared to the years-long delays of traditional setups. With a significantly lower CAPEX per MW, the platform is funded through decentralized compute leasing and tokenized carbon credit incentives.

3. Global Expansion & Adoption Strategy

Infinidium's initial deployment targets include North America (Canada, U.S.), Europe and Asia-Pacific, where cloud and AI adoption rates are highest. The company strategically positions its data centers in jurisdictions favorable to carbon credits, ensuring maximum ESG benefits.

The Future of Computing

The future of AI, cloud computing, and blockchain depends on access to scalable, energy-efficient, and autonomous compute power. Legacy data centers cannot meet the growing energy demands of a global economy shifting toward digital assets, decentralized finance, AI-driven automation, and Web3 adoption.

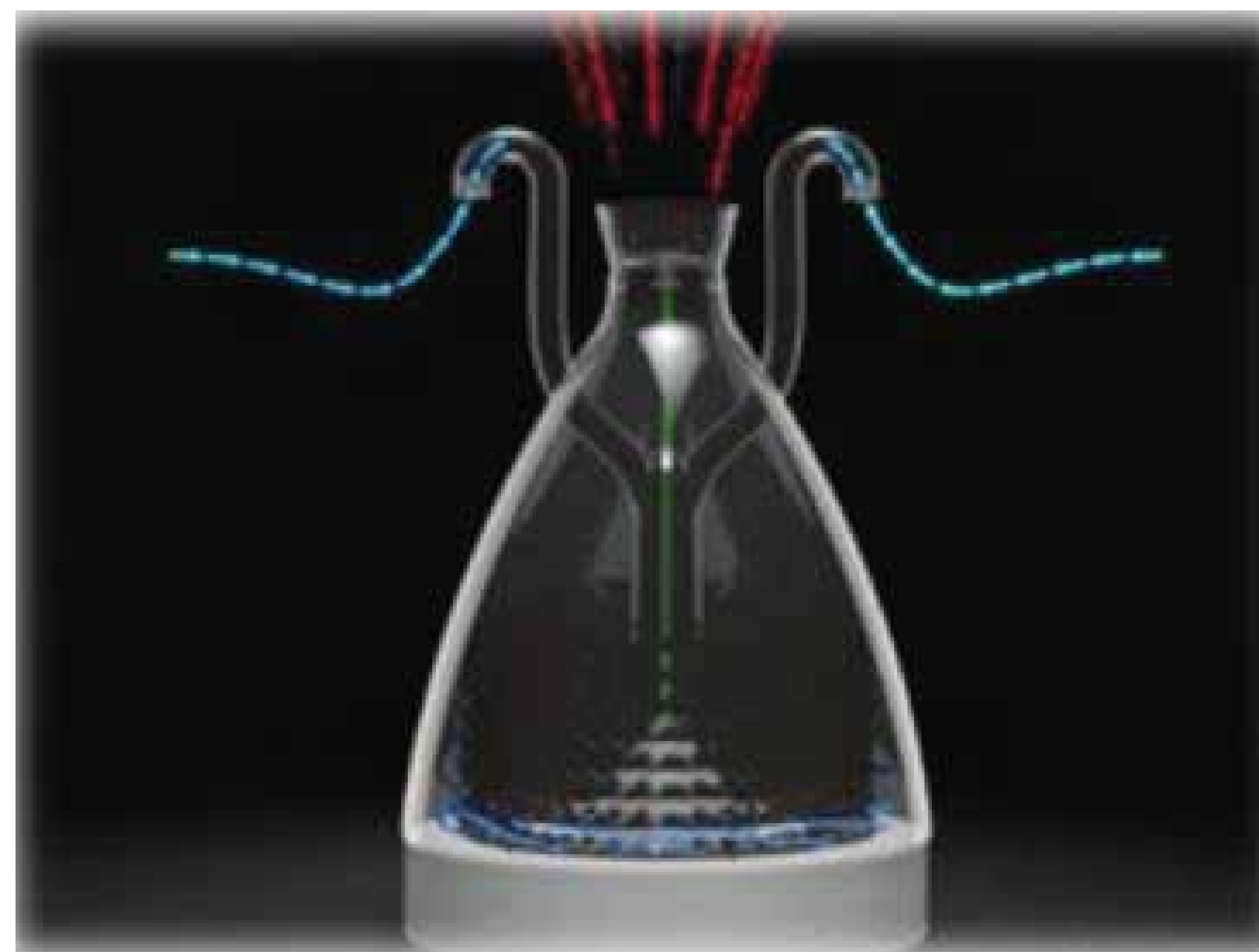
By eliminating reliance on external power grids, drastically reducing operational costs, and leveraging blockchain-powered financial incentives, Infinidium Power Corp. is positioning itself as a dominant force in the data center and computing market of the future.

The global data center market is shifting towards more efficient, sustainable, and rapidly deployable solutions. Infinidium Power Corp. provides a fully autonomous, high-performance, and financially superior alternative to outdated data center models, positioning itself as a global leader in next-generation computing infrastructure.

Technology Overview

Infinidium Power Corp. is revolutionizing data center technology with self-powered, offgrid infrastructure designed for high-performance computing. By integrating Vortex Vacuum Chamber (VVC) cooling and Axial Flux Permanent Magnet Generator (AFPMG) technology, Infinidium achieves unprecedented energy efficiency, sustainability, and cost-effectiveness in the data center industry.

This section provides an in-depth look at the core technologies powering Infinidium's Autonomous Modular GPU Clusters, setting a new industry standard for high-density computing with zero emissions.



Core Technologies

1. Vortex Vacuum Chamber (VVC) Cooling System

- First-of-its-kind cooling system that eliminates traditional HVAC and liquid cooling requirements.
- Reduces cooling energy costs to near zero, using negative pressure airflow.
- Improves GPU cluster longevity by maintaining stable operating temperatures without external cooling infrastructure.
- Proven by Computational Fluid Dynamics (CFD) simulations, demonstrating an efficient airflow that cools air to ambient temperature within 0.3 inches of chamber walls.
- Validated to sustain constant 89°C max wall temperature while cooling GPUs efficiently.
- Acts as a net energy-generating air handling system, utilizing airflow to power the battery and AFPMG generator controller.
- Constructed from Lexan polycarbonate material, offering superior insulation and durability while reducing heat loss.

2. Axial Flux Permanent Magnet Generator (AFPMG) for Off-Grid Power

- Fully autonomous, renewable energy generation eliminates reliance on grid power.
- Integrated waste heat recovery system converts excess heat into usable energy.
- Designed for rapid scalability, allowing seamless expansion without traditional power constraints.
- Utilizes magnetic levitation bearings, reducing friction and extending lifespan.
- Operates at >92% efficiency, delivering stable DC-compatible power for IT infrastructure.

- Annual energy output of 8,760,000 kWh per MW, ensuring sustainability and long-term operational reliability.
- Constructed with neodymium permanent magnets (N52 grade) and highpurity copper coils for maximum efficiency.
- Modular design supports seamless integration into Infinidium's decentralized compute platform.
- Power configurations ranging from 50 kW to 100 kW per module, scalable up to multi-MW deployments.

3. High-Performance Modular GPU Clusters

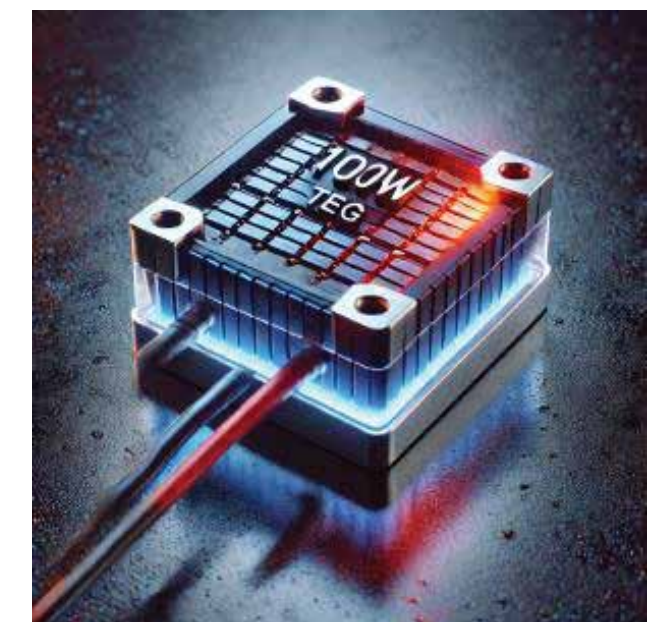
- Optimized for AI, blockchain, and cloud computing workloads.
- 64 H200 GPUs per 50 kW unit, scalable to 128 GPUs per 100 kW system.
- Pre-printed, spiraling internal racks to maximize airflow efficiency.
- Self-contained and portable, deployable anywhere within weeks.
- Capable of housing up to 300+ GPUs per chamber, scaling to meet highperformance computing demands with lower cost GPUs and specialized cards.
- Integrated with tokenized computing marketplace, enabling INFIN token transactions for GPU rentals and decentralized computing.
- Advanced ventilation system directs airflow from heat-intensive GPUs through the VVC chamber, enhancing passive cooling performance.

4. Carbon Capture Integration

- Passively filters CO₂ from airflow, reducing environmental impact.
- Utilizes airflow-driven filtration within the chamber, allowing carbon offsets without additional energy consumption. Provides tokenized carbon credits, contributing to ESG compliance and revenue generation. Reduces greenhouse gas emissions while leveraging airflow for optimized cooling

5. Energy Recovery & Supplemental Power Generation

- Thermoelectric generators (TEGs) integrated into chamber walls capture temperature gradients for additional electricity.
- A fan turbine installed in the upper chamber captures airflow energy for supplemental power generation.
- Combined recovery efficiency of up to 95%, ensuring maximum energy reuse.
- Utilization of aerodynamic rotor pathways in the generator enhances natural airflow circulation.
- Ensures fully closed-loop energy recovery for improved power generation and cooling synergy



Scalability & Deployment

- Fully modular design allows deployment in existing warehouse structures with zero electrical upgrades.
- Lease-to-own infrastructure model enables enterprises and cloud providers to scale efficiently.
- Worldwide expansion-ready, with rapid deployment in weeks vs years
- underutilized industrial zones and emerging markets.
- Customizable generator configurations provide adaptive power output, scaling from 50 kW to 100 kW per unit.
- Multi-MW scalability ensures seamless integration into existing
- industrial microgrids or fully off-grid deployments.

Infinidium Power Corp. has developed the most energy-efficient, scalable, and costeffective computing infrastructure in the world. By leveraging its proprietary VVC cooling, AFPMG off-grid power, and modular GPU clusters, Infinidium eliminates the limitations of traditional data centers while maximizing carbon credit revenue and compute marketplace value.

Strategic Partnerships

Infinidium Power Corp. has forged strategic alliances with industry leaders to ensure the success of its autonomous self-powered GPU clusters and blockchain-integrated compute platform. These partnerships enable hardware optimization cloud integration, regulatory support, and ecosystem expansion, driving the company's global adoption.

This section details Infinidium's key partners, their roles, and how they contribute to the ecosystem.

Technology & Hardware Partnerships



1. Nvidia Inception Program

- Exclusive partnership in the Nvidia Inception Program, providing access to early-stage AI, machine learning, and blockchain compute technologies.
- Technical collaboration and optimization, ensuring Infinidium's autonomous GPU clusters are fully compatible with Nvidia's latest hardware, including H200 Tensor Core GPUs.
- Hardware acceleration grants and funding, supporting Infinidium's research and development in AI-driven cloud computing.
- Early firmware and software stack integration, ensuring compatibility with Nvidia's CUDA, TensorRT, and AI model optimization frameworks.
- Access to specialized engineering resources and AI ecosystem support, streamlining deployment of decentralized GPU cloud services.
- Access to cutting-edge GPU technology, ensuring Infinidium clusters utilize the most advanced AI and HPC chips.

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- Early access to Nvidia's latest hardware, optimizing efficiency for cloud computing and blockchain workloads.
- Technical support & collaboration, improving the performance of Infinidium's GPU-driven compute marketplace.

2. Dell Enterprise Solutions

- Customized enterprise server hardware, integrated with Infinidium's modular GPU clusters.
- Cloud and AI infrastructure partnerships, enabling seamless scaling for enterprise clients.
- Warranty-backed hardware customizations, ensuring operational longevity and reduced maintenance costs.

Regulatory & Government Collaborations

1. Alberta & Federal Grant Programs

- Eligible for Alberta's Industrial Transformation and Emissions Reduction (TIER) program, leveraging carbon credit incentives to fund clean technology deployment.
- Federal Matching Grants for renewable energy and AI-driven infrastructure, further reducing capital expenditures.
- Strategic positioning to secure additional ESG and sustainability grants from government-backed innovation programs.

1. Carbon Credit & ESG Compliance Partners

- Collaboration with Alberta's TIER program to maximize carbon credit revenue.
- Integration with global ESG frameworks to secure corporate clients needing emissions offsets.
- Direct tokenized carbon credit trading partnerships for maximizing revenue streams.

2. Offshore Incorporation &

- Repatriation to the British Virgin Islands (BVI) via a 1:1 share swap for regulatory optimization.
- Legal structuring to align with international blockchain regulations while ensuring investor protection.
- Tax optimization benefits, increasing profitability and reinvestment potential.

Cloud & Blockchain Integration Partnerships

1. Distributed Compute Marketplace

- Cloud integration with decentralized AI & compute networks, expanding Infinidium's tokenized GPU rental ecosystem.
- Smart contract-powered leasing models, ensuring instant, secure payments using the INFIN token.

2. Blockchain & Web3 Infrastructure Partnerships

- Collaboration with Layer-1 blockchain platforms to integrate tokenized compute payments and staking rewards.
- Cross-chain interoperability partnerships, ensuring INFIN token compatibility with leading Web3 ecosystems.
- Tokenized carbon credit issuance in compliance with blockchain-based sustainability markets.

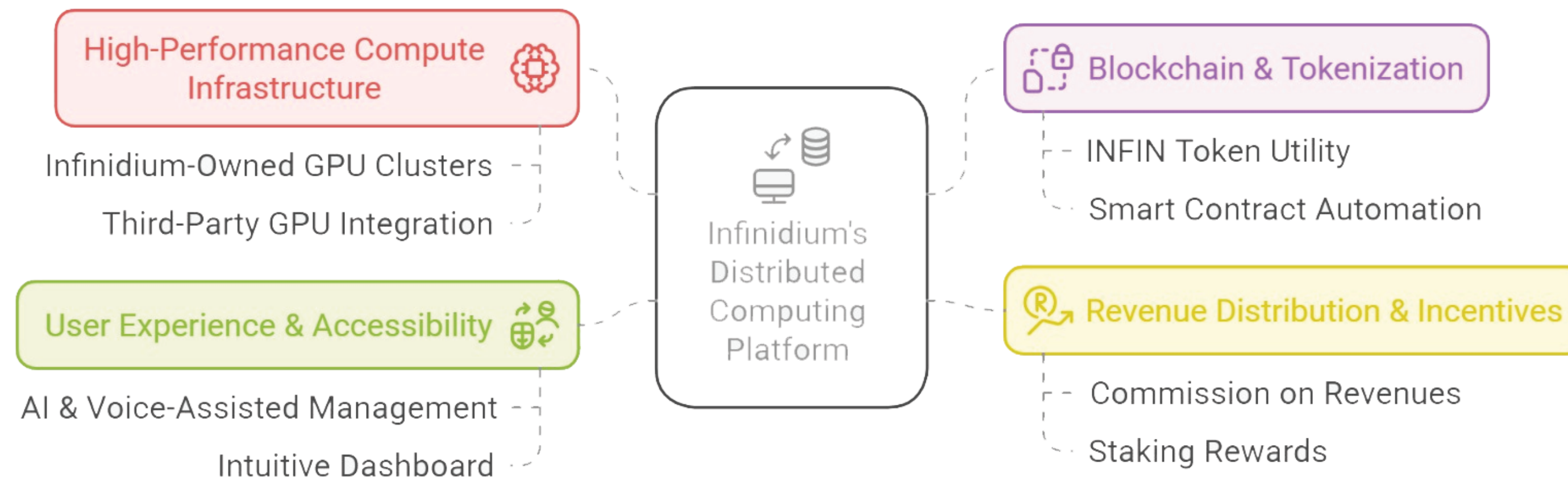


Distributed Computing Platform

Infinidium Power Corp. is developing a next-generation distributed computing platform that serves as the direct customer interface for eGPU rental, compute leasing, and digital asset trading. By combining high-performance, self-powered GPU infrastructure with a blockchain-driven marketplace, Infinidium is positioned to disrupt the cloud computing, AI training, and cryptocurrency mining industries.

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Infinidium's Distributed Computing Platform Overview



Platform Features

1. High-Performance Compute Infrastructure

- Infinidium-Owned GPU Clusters: AI-optimized, enterprise-grade GPUs operating in a self-powered data center environment.
- Third-Party GPU Integration: External GPU owners can connect via SSH key authentication, allowing seamless onboarding and revenue generation.
- AI and Blockchain Compute: Supports AI training, deep learning inference, video rendering, cloud gaming, and blockchain mining.
- Decentralized AI Compute Scaling: Provides high-speed GPU availability without reliance on centralized cloud providers.

2. Blockchain & Tokenization

- INFIN Token Utility: Native cryptocurrency for compute leasing, eGPUs, staking, and governance.
- Smart Contract Automation: Secure, transparent transactions powered by Ethereum-based smart contracts.
Decentralized Compute Contracts: Ensures automated, trustless access to GPU resources through blockchain-based leasing.
- Advanced Trading & Currency Conversion: Built-in multi-asset crypto exchange for instant transactions and arbitrage.

3. Revenue Distribution & Incentives

- 20% Commission on cloud rental revenues from third-party eGPU providers.
- Staking Rewards for INFIN token holders, ensuring long-term network engagement.
- Airdrop-Based Dividend Payouts, distributing compute revenue directly to token holders.
- Compute Capacity Auctions: AI firms and blockchain developers can bid for high-performance compute power via tokenized auctions.
- Crypto Asset Yield & Trading: Infinidium's platform will evolve into a next-gen cryptocurrency exchange, allowing users to engage in automated trading, liquidity pooling, and real-time token conversion.

4. User Experience & Accessibility

- AI & Voice-Assisted Management: Simplifies user interaction and setup.
- Intuitive Dashboard: Real-time performance tracking and earnings overview.
- Seamless Payment Integration: Supports credit card purchases of INFIN, tokens, allowing users to buy computing resources with fiat or crypto payments (BTC, ETH, USDC). Additional currency conversion features will be expanded as part of Infinidium's next-generation trading infrastructure.
- Instant eGPU Access: Users can provision compute resources within seconds, eliminating wait times from centralized cloud providers.

Development Roadmap

Phase	Key Developments
Phase 1	Core platform development, smart contract deployment, initial crypto exchange prototype
Phase 2	Compute marketplace beta launch, user onboarding features, enhanced currency conversion services
Phase 3	Full-scale deployment, AI/ML optimization, staking activation, integration with DeFi exchanges
Phase 4	Global scaling, enterprise onboarding, advanced automated trading and liquidity pools



Distributed Third Party Compute & Growth Projections

- Year 1 Revenue: \$1.5M; break-even expected within 6 months.
- Year 2 Revenue: \$10M; onboarding 5,000 external GPUs.
- Year 3 Revenue: \$20M; onboarding 10,000 external GPUs.

Monetization Streams:

1. Cloud Compute Leasing – AI, blockchain, gaming compute rentals.
2. Transaction Fees – Marketplace fees, staking incentives.
3. Compute Resource Auctions – AI firms compete for GPU access through tokenized auctions.
4. Crypto Exchange Fees – Built-in INFIN token swap, currency conversion, and advanced trading functionalities.
5. Yield & Arbitrage Trading – Users gain access to automated trading pools, maximizing token liquidity

Global GPU Market & Idle Compute Utilization

The market for GPU-based computing is vast, with millions of gaming stations, engineering workstations, video production setups, university lab computers, and corporate systems sitting idle for significant portions of the day. These systems are typically used for gaming, AI model training, CAD rendering, video editing, and simulation-based engineering tasks, but they remain unused during off-hours, overnight, and on weekends.

Estimated GPU-Equipped Computers & Idle Time

- Total GPU-enabled PCs & Workstations: Over 1.5 billion active GPU systems globally.
- Idle Time Estimates:
 - Gaming PCs: Idle 60-70% of the time.
 - Engineering & Video Production Workstations: Idle 50-65% of the time.
 - University Labs & Corporate Systems: Idle 70-80% of the time outside of business hours.

By tapping into this underutilized computing power, Infinidium's platform enables users to rent out their idle GPUs and generate revenue, contributing to the world's largest decentralized compute network.

Competitors & Market Landscape

The decentralized computing market is rapidly growing, with several key platforms offering GPU leasing services. However, Infinidium differentiates itself with selfpowered, off-grid infrastructure that eliminates energy costs and enhances operational scalability. Furthermore, no existing GPU marketplace offers built-in exchange functionalities that allow seamless financial transactions.

Company	Platform Type	Power Source	Use Cases	Limitations
Vast.ai	Decentralized Compute	Gridpowered	AI Training, ML	Lacks self-powered infrastructure
NiceHash	GPU Rental	Gridpowered	Crypto Mining, AI Compute	Volatile earnings, energy costs
Golem	Decentralized Compute	Gridpowered	AI Compute, Rendering	Low GPU availability
Akash Network	Decentralized Compute	Gridpowered	Cloud Compute, Blockchain	Limited enterprise integration
Render Network	Decentralized Compute	Gridpowered	3D Rendering, AI Inference	Focused on graphics only
Infinidium	Decentralized Compute & Exchange	SelfPowered	AI, Blockchain, Crypto Trading	Built-in crypto exchange for token purchases and currency conversion

AI Orchestration

Infinidium’s infrastructure will be fully overseen by an integrated AI-driven large language model (LLM) that acts as the autonomous brain of the platform. This LLM orchestrates every operational layer—from real-time software deployment and background content generation to global facility scaling, carbon credit synchronization, and distributed compute marketplace management. It ensures near-100% GPU utilization by dynamically allocating workloads balancing power

and thermals, and monetizing idle capacity across all active sites. Designed to operate independently of traditional cloud systems, the LLM transforms each site into a self-governing software factory capable of scaling globally with minimal human intervention.

Competitive Advantage

- Hybrid Model: Combines GPU rental platforms with self-powered infrastructure, reducing reliance on traditional electricity grids.
- Zero Energy Costs: Competing platforms depend on grid electricity, whereas Infinidium operates fully off-grid.
- Built-In Crypto Exchange: Users can swap tokens, convert currency, and engage in automated arbitrage trading.
- AI-Powered Compute Optimization: Maximizes resource efficiency while lowering operational costs.
- High-Speed GPU Leasing: Eliminates delays and high costs associated with traditional cloud computing services.
- Seamless Multi-Blockchain Integration: Ensuring INFIN token compatibility with major DeFi and staking platforms.

Infinidium Power Corp.'s Distributed Computing Platform is positioned to redefine decentralized high-performance computing, offering self-powered AI and blockchain compute services with a tokenized economic model. By combining hardware innovation, blockchain integration, and scalable compute leasing, Infinidium is creating the future of decentralized GPU infrastructure, outcompeting existing platforms by offering off-grid, cost-free energy solutions and advanced financial services.

5 MW Facility

The proceeds from the INFIN token ICO will be allocated to infrastructure expansion, platform development, liquidity provisioning, staking incentives, and reserves. This section provides a detailed breakdown of how funds will be strategically deployed to maximize investor returns and drive sustainable platform growth.

Environmental Impact

Why AI Compute Must Change

- 776 TWh/year used by global datacenters
- 95%+ energy lost as thermal pollution
- 1 trillion gallons of water annually for cooling
- Contamination from toxic refrigerants with high global warming potential

Infinidium reverses these problems:

- 0 water use
- No refrigerants
- Up to 30,860 tCO₂e/year in verifiable carbon offsets per 5 MW system
- Entirely off-grid operation with zero emissions

5 MW Project Scale-Up & Breakdown of Fund Usage

1. 5MW Project Scale-Up & Data Center Infrastructure Expansion (80)

▪ Initial Phase: Scaling from 64 GPUs

- Deployment of 64 Nvidia H200 GPUs in 8 DGX NVLink Systems as the foundation for AI compute.
- Integration of Vortex Vacuum Chamber (VVC) cooling for zero-cost thermal management and high-density AI compute operations.
- Lease-to-own acquisition of an industrial warehouse with up to 20,000 sq ft capacity, expandable to multiple locations.

▪ Phase 2: Scaling Beyond 5MW

- Expansion into multiple industrial sites across North America.
- Continuous reinvestment into additional GPU clusters to support AI, blockchain, and cloud workloads.
- Multi-site redundancy for decentralized GPU leasing and blockchain integration.

2. Platform Development (1)

- Enhancements to the decentralized GPU leasing marketplace.
- Development of smart contract automation for compute transactions.
- UI/UX improvements for enterprise clients and individual GPU contributors.

3. Staking Incentives (2)

- Locked staking pools for long-term INFIN token holders.
- Earnings distributed to users who stake their tokens to provide network stability.
- Bonus rewards for early participants and governance voting mechanisms.

5. Reserves (5)

- Funds set aside for future expansion, emergency liquidity, and operational flexibility.
- Strategic reinvestments based on market conditions and new technology developments.

6. Marketing & Community Growth (1)

- Influencer partnerships and crypto media exposure.
- Global conference sponsorships and event marketing.
- Referral programs, airdrops, and staking incentives to drive adoption.

7. Legal & Compliance (1)

- Legal structuring and offshore incorporation in the British Virgin Islands (BVI).
- Regulatory compliance with evolving crypto and securities laws.
- Security audits and continuous smart contract monitoring.

The strategic allocation of ICO funds ensures scalability, liquidity, security, and market adoption. The investment in 64 Nvidia H200 GPUs in 8 DGX NVLink Systems will significantly enhance Infinidium's AI compute capabilities, making it a leader in decentralized high-performance computing.

By balancing infrastructure expansion, platform enhancements, staking incentives, and liquidity reserves, Infinidium is positioned to dominate the decentralized compute and blockchain-driven sustainability market.

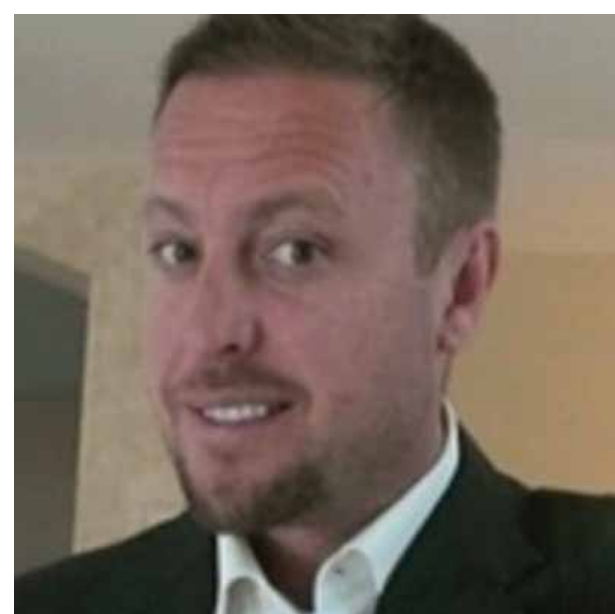
Team and Governance

The success of Infinidium Power Corp. is driven by a highly experienced leadership team, blockchain developers, AI and cloud computing specialists, and sustainability experts. The execution of Infinidium's vision requires unparalleled excellence across multiple disciplines, including high-performance computing, decentralized finance, large-scale infrastructure deployment, and advanced cybersecurity protocols.

Our team brings together decades of experience in data center operations, AI model optimization, blockchain security, and financial governance, ensuring seamless scalability, strategic execution, and regulatory compliance.

1. Leadership & Advisory Board

The Infinidium leadership team consists of industry pioneers, financial strategists, and engineering specialists, each contributing world-class expertise to revolutionize decentralized computing. The successful deployment of a highlyscalable, self-powered GPU infrastructure demands deep technical knowledge, strategic financial oversight, and precision in execution.



Paul Grist – CEO & Director

Mr. Grist has 25 years of experience as an entrepreneur, executive, and director in mining exploration, natural resource development, and Green Energy. Over the past 15 years he has focused on a wide range of renewable energy development and energy efficiency measures while facilitating new technologies coming to market. Mr. Grist founded three companies that achieved IPO's and subsequent public listings on the TSX.

**Chad Mayer, Director**

Mr. Mayer has been involved in the construction and development industry in Calgary for over 15 years. As a site supervisor and project manager he has helped facilitate the successful completion of multiple varieties of commercial and residential construction projects including warehouses, high-rise towers, and multimillion-dollar homes. Using his experience from working for large construction companies, he created his own company in 2011, which has found continued success. Chad graduated from SAIT with a degree in management and will lead the development and facility management of our datacenter operations.

**Dana Jurika, Director**

Mr. Jurika has over 20 years of experience in mining and finance. He received his B.Sc. in Economics and a B.SC. in Politics from Whitman College in 1995 and started his career with the investment bank, Robertson & Stevens, in 1996. For five years, Mr. Jurika was the general manager for Ascendant Exploration, a mineral exploration company. In 2003, he joined the investment firm, JMK Advisors, where he worked for three years as a research analyst and portfolio manager, earning the Charter Financial Analyst (CFA) designation in 2006. This same year, he returned full-time to the mining industry as head of Corporate Development for Copper Mesa Mining Corporation, a company listed on the Toronto Stock Exchange. In 2009, Mr. Jurika joined Redstone Resources as the Chief Financial Officer. Currently, Mr. Jurika is the part-time CFO for Core Values Mining and Exploration.

**Bill DeJong, Corporate Secretary**

Bill DeJong is a corporate/securities lawyer with private practice and in-house legal experience advising both public and private companies in matters relating to financings, structuring of transactions, joint venture and partnerships, continuous disclosure, and other matters. Most recently, Bill worked for a TSX Venture listed company and helped them navigate the Canadian securities regulations surrounding cryptocurrencies to support their plans to proceed with an Initial Coin Offering (ICO) to fund development of seed-to-sale cannabis tracking technology. Prior to that, Bill was the General Counsel for a TSX listed infrastructure builder before working at two national firms, GowlingWLG and Norton Rose Fulbright.

**Devin Smith**

Mr. Smith brings over 13 years of experience in constructing and operating environmental control systems for mission-critical facilities in Alberta. His leadership has been instrumental in guiding specialized teams and overseeing technical program management and transformation, with a particular focus on HVAC and building automation for data centres and other essential business infrastructure. Holding a background in Mechanical Engineering Technology from SAIT, he is designated as a Professional Technologist of Engineering (ASET), a Project Management Professional (PMI), and holds a Red Seal in Instrumentation and Control.

**Dr. Kamil Agi, Ph.D**

Dr. Agi received his MBA from the Berkeley-Columbia Executive MBA Program and his Ph.D. in Electrical Engineering from the University of New Mexico in Albuquerque. In 1998, Dr. Agi founded K&A Wireless, which continues to provide advanced technology solutions for law enforcement, firefighters, and military. Dr. Agi is a member of the Sensors and Instrumentation Technical Advisory Committee (SITAC) and has been a principal investigator in the National Science Foundation (NSF) Small Business Innovative Research (SBIR) program.

**Dr. Arman Hemmati, Ph.D.**

Dr. Hemmati is a well-published and registered computational engineer with over ten years of experience in computational engineering analysis and simulations. He is currently an assistant professor working in the area of computational fluid dynamics and fluid flow. Arman completed his B.Sc. in Mechanical Engineering at the University of Calgary. Following his undergraduate studies, he obtained his Ph.D. in the areas of Aerodynamics, Computational Fluid Dynamics (CFD), and Finite Element Analysis (FEA).

**Jamie Swaski, Project Manager**

Mr. Skawski has been involved in Information technology for more than 30 years. Over the past 6 years Mr. Skawski has been the owner of his own IT company and prior to that he spent 15 years as a Vice President overseeing all Information Technology in Western Canada, building many data centers and deploying state of the art improvements. A Graduate from RRCC with the top student Lieutenant Governor General's Award, and the IEEE Paulin award.

**Itahand Naizir**

Mr. Naizir is a highly skilled full-stack Web3 engineer with a comprehensive understanding of various smart contracts utilizing Solidity, Rust, and other blockchain languages. With a background in successful token projects, Itahand has showcased profound expertise in the blockchain domain, consistently delivering top-tier solutions. His unwavering commitment to keeping abreast of the latest advancements in blockchain technology cements his role as a visionary in the industry. Itahand Naizir is dedicated to harnessing his proficiency and background to spearhead innovation and excellence within the Web3 ecosystem.

**James Ross**

Mr. Ross is a senior finance professional and entrepreneur, focusing primarily on Environmental, Renewable Energy and Technology companies. He has proven track record in Mergers and Acquisitions and Corporate finance. He has been the Director and Chief Financial Officer of both public and private companies, in the telecommunications, power, and IT in Asia and the Americas. Mr. Ross is also a Partner in Sage Stone, whose principals have developed, financed, and transacted on over Five Billion Dollars in renewable energy and power projects. Sage Stone has also acted as advisor for several large energy companies in acquisitions and divestitures, project finance and strategy. He is also President of JSR Capital, a venture capital firm focusing on environmental and technology investments. Ross has an MBA from York University and B.Env. from the University of Waterloo.

2. Governance & Decision-Making

The governance of Infinidium Power Corp. is designed to ensure long-term sustainability, security, and community participation. Our governance model balances corporate leadership efficiency with decentralized decision-making transparency to create a resilient, self-sustaining ecosystem.

Decentralized Autonomous Organization (DAO) Model

- INFIN token holders vote on key proposals, ensuring decentralized decision-making.
- Staking-based governance, where voting power is weighted by the number of tokens held.
- Proposals include funding allocations, expansion plans, and ecosystem upgrades.

Treasury & Financial Governance

- 70 % of INFIN tokens held in treasury, ensuring long-term funding stability.
- Multi-signature wallet security for treasury management.
- Automated token buybacks and burns, optimizing tokenomics and long-term value.

3. Operational Excellence & Compliance

Given the scale of Infinidium's decentralized computing vision, maintaining operational excellence is a core priority. Our team has built a multi-layered governance structure that ensures global regulatory compliance, institutional-grade security, and cutting-edge technological innovation.

Smart Contract Audits & Security

- Third-party security audits conducted before all major updates.
- Bug bounty programs incentivizing community-driven security testing.
- Automated fraud detection and anomaly monitoring.
- Use Verra or Gold Standard to verify emissions reduction.

Infinidium Power Corp.'s unmatched team expertise, decentralized governance, and financial oversight ensure long-term project sustainability and security. By combining leading professionals in AI, blockchain, and finance, Infinidium is poised to redefine decentralized computing at an enterprise scale.

With a DAO-driven governance model, top-tier industry leaders, and financial safeguards, Infinidium is architecting a future-proof ecosystem that will drive sustained technological and financial growth. Infinidium Power Corp.'s team structure, decentralized governance, and financial oversight ensure long-term project sustainability and security. By combining expert leadership, a DAO-driven governance model, and rigorous financial oversight, Infinidium is positioned to scale securely and transparently.

Budget for First 5 MW Data Center in Alberta

This report outlines the updated financial and operational projections for Infinidium's first 5 MW data center in Alberta.

Leveraging proprietary technologies such as the Vortex Vacuum Chamber (VVC) and Axial Flux Permanent Magnet Generator (AFPMG), this data center is designed for rapid deployment. These updates incorporate accurate hardware costs, including Nvidia DGX H200 systems, to ensure financial clarity.

Total Estimated Budget: \$211 Million

- Cost per MW: \$42.2 million

Category	Cost Estimate (USD)	Details
Core Technologies	\$2,000,000	VVC and AFPMG systems for selfpowered operation

GPU Hardware	\$200,000,000	8 DGX systems per 50 kW chamber, 100 chambers total
Facility & Rooftop Ventilation Setup	\$1,000,000	Ventilation drilling and setup for heat management
Contingency Fund (10%)	\$8,000,000	For unexpected costs and overruns
Total	\$209,000,000	

Revenue Projections

GPU Revenue Potential:

Metric	Calculation	Value (USD)
Rental Rate per GPU	\$125/day	
Annual Revenue per GPU Revenue Per 50 kW	\$125/day × 365 days	\$45,625
Chamber	64 GPUs × \$45,625/year	\$2,920,000
Revenue Per MW	\$8,000,000	\$58.4M/year
5 MW Annual Revenue	5 MW × \$58,400,000	\$292M/year

Carbon Credit Revenue:

Metric	Calculation	Value (USD)
Annual Carbon Credits per MW	MW \$1.2M	
5 MW Annual Revenue	$\$1.2\text{M} \times 5 \text{ MW}$	\$6M/year
10-Year Revenue	$\$6\text{M} \times 10 \text{ years}$	\$60M

Avoided Energy Costs:

Metric	Calculation	Value (USD)
Base Annual Savings per MW	$\$0.10/\text{kWh} \times 8,760 \text{ hours/year} \times 1 \text{ MW}$	\$876,000/year
5 MW Annual Savings	$\$876,000 \times 5 \text{ MW}$	\$4,380,000/year
Inflation Adjustment	3% annual inflation over 10 years	
Adjusted Annual Savings After 10 Years	$\$4,380,000 \times (1.03^{10})$	\$5,878,094/year
Total 10-Year Savings (InflationAdjusted)	$\$4,380,000 \times [(1.03^{10} - 1) / 0.03]$	\$50,300,000

Consolidated Financial Metrics

1. Return on Investment (ROI):

Metric	Calculation	Value (USD)
Net Gain (10 Years)	$(\$292\text{M} \times 10 \text{ years}) - \211M	\$2.7B
ROI (10 Years)	$(\$2,709\text{M} \$211\text{M}) \times 100$	1,285%

2. Internal Rate of Return (IRR):

- Estimated IRR exceeds 65%, driven by significant revenue streams.

3. Net Present Value (NPV):

Metric	Calculation	Value (USD)
Discount Rate	10% & 10% GPU Output Decrease	
10-Year NPV	Based on \$276.88 million/year	\$2.1B

4. Enterprise Value (EV):

Metric	Calculation	Value (USD)
Year 1 EBITDA	Revenue: \$292M × 95%	\$276.88M
EV	EBITDA × 20	\$5.537B

This revised budget reflects the updated facility and rooftop ventilation setup costs and the adjusted GPU rental rate of \$125/day, ensuring financial transparency and robust ROI. By leveraging self-powered technology, Infinidium Power Corp.'s first 5 MW data center demonstrates scalability and profitability, achieving a projected ROI of 1,285%, an IRR exceeding 65%, and an enterprise value of \$5.537 billion after Year 1.

100MW Expansion Plan Across Canada & Key Global Markets

Canada's data center capacity has grown, with over 150 facilities and major cloud providers operating domestically, yet the country remains 75% dependent on U.S. data centers for internet traffic, cloud storage, and real-time processing. This reliance poses risks, including data sovereignty concerns, economic vulnerabilities due to tariffs, and capacity limitations in case of service disruptions.

Following the success of the first 5MW data center in Alberta, Infinidium Power Corp. is launching an aggressive 100MW expansion strategy across Canada and key international regions over the next three years. This expansion will be driven by selfpowered modular data center technology, ensuring low operational costs, highperformance computing infrastructure, and strategic market positioning.

The 100MW rollout will include direct ownership data centers, licensing agreements, and EPC (Engineering, Procurement, and Construction) services for major industry players.

Phase-Wise Expansion Plan

Phase	Capacity	Key Deployment Regions
Phase 1	25MW	Alberta (Edmonton & Calgary), Ontario (Toronto)
Phase 2	40MW	British Columbia, Quebec, U.S. Northeast
Phase 3	35MW	Europe, UAE, Singapore, Australia

Key Expansion Strategies

1. Canadian Growth Strategy

- Edmonton & Calgary (Alberta) – Expanding from 5MW to 30MW, targeting AI computing, cloud services, and blockchain firms.
- Toronto (Ontario) – 15MW hub for financial institutions, government computing, and cloud infrastructure.
- British Columbia & Quebec – 25MW capacity targeting hyperscale data centers, clean energy integration, and high-performance AI clusters.

2. Global Deployment

- United States – Expansion into the U.S. Northeast (New York, Boston, Virginia) to capture enterprise cloud computing and AI development demand.
- Europe – Key hubs in Frankfurt, London, and Zurich, offering EPC licensing & joint ventures.
- UAE & Singapore – Strategic 10MW installations for financial and cloud computing clients.
- Australia – Decentralized AI cloud computing network, targeting major markets.

Licensing & EPC Services for Competitors

As part of its strategy, Infinidium will offer licensing of its proprietary technology and EPC services to major industry players, enabling them to deploy their own highperformance data centers powered by self-generating energy systems. This includes:

- Hyperscale Data Center Operators (AWS, Google Cloud, Microsoft Azure, Oracle Cloud)
- Telecommunications & AI Companies
- Blockchain & Web3 Infrastructure Providers
- Enterprise GPU Hosting Firms

Financial Projections, CAPEX & Forward Carbon Credit Sales

Capital Expenditures & non-dilutive

Category		100MW Expansion	10-Year Projection
Total CAPEX Investment	\$211M	\$4.2B	\$10B+
Debt Financing (70%)	\$147M	\$2.94B	\$7B+
Forward Carbon Sales (30%)	\$64M	\$1.26B	\$3B+

Revenue Projections

Category	Equity Investment (30%)	100MW Expansion	10-Year Projection
Annual GPU Revenue	\$292M	\$5.8B	\$58B
Annual Carbon Credit Revenue	\$6M	\$120M	\$1.2B
Licensing & EPC Revenue	-	\$250M	\$2.5B

Distributed Platform Revenue	-	\$300M	\$3B
Total Annual Revenue	\$298M	\$6.47B	\$64.7B

Valuation Projections

	Year 3 Valuation	10-Year Valuation
Enterprise Value	\$110B	\$500B+

The 100MW expansion strategy will position Infinidium Power Corp. as the fastestgrowing data center developer and operator in the world. By integrating selfpowered AI infrastructure, licensing, and EPC services, Infinidium will establish itself as an industry leader in cost-effective, energy-efficient high-performance computing.

The company will continue aggressive scaling, reinvesting cash flows into new capacity, and expanding its technology partnerships to dominate the future of cloud computing, AI, and blockchain infrastructure.

Legal Disclaimer & Token Classification

The INFIN token is a prepaid digital utility credit redeemable exclusively for GPU compute time on the Infinidium platform. It does not represent equity, debt, profit-sharing, dividends, or ownership in Infinidium Power Corp or any affiliated company.

INFIN tokens are used to access compute workloads—including AI rendering, training, and inference—across Infinidium infrastructure. Compute pricing is fixed in early rounds and transitions to a dynamic market rate post-ICO, with applicable discounts for INFIN payments.

INFIN tokens are transferable and may be freely traded on third-party exchanges once listed. However, their primary utility remains compute access, and their market value is determined independently by supply, demand, and third-party platforms. Infinidium does not guarantee any secondary market liquidity, exchange listing timeline, or future valuation.

INFIN is not designed or offered as a security or investment product. It is not intended to generate profit, interest, dividends, or voting power. All compute credit redemptions are service-based, fulfilled on a best-effort basis depending on platform capacity and user demand.

Key Considerations for Purchasers :

- Tokens provide access to compute only, and carry no ownership or control rights
- Compute availability and pricing may evolve based on hardware supply and platform economics
- Users are solely responsible for any taxes, reporting, or regulatory obligations arising from token use or transfers

This whitepaper and the INFIN token offering do not constitute investment advice, legal counsel, or a public securities offering in any jurisdiction. Buyers should consult qualified professionals regarding local laws and regulations before acquiring INFIN or using blockchain-based utility systems.

INFIN is a prepaid compute token. It carries no equity, no dividends, and no ownership rights. Token purchases are non-refundable and governed by terms of use available on the platform.

Treasury reserves may support listings, infrastructure scaling, emissions reporting, and community governance tools.