VMCC Builder DAO Litepaper v1.1

UNDERSTANDING THE VMCC BUILDER DAO AND THE CITY OF ATLANTUS PROJECT

ACKNOWLEDGEMENT

The City of Atlantus Project is inspired by elements of The Network State Book by Balaji Srinivasan. Reading this book can give you deeper insight into the expansive possibilities of the VMCC Builder DAO and the overarching design of the City of Atlantus.

What is a Network State?

A network state is a social network with a moral innovation, a sense of national consciousness, a recognized founder, a capacity for collective action, an in-person level of civility, an integrated cryptocurrency, a consensual government limited by a social smart contract, an archipelago of crowdfunded physical territories, a virtual capital, and an on-chain census that proves a large enough population, income, and real-estate footprint to attain a measure of diplomatic recognition.

The Network State Book: https://thenetworkstate.com/

Add Book Cover

Valerie Karmicspine Note: Please add footers and page numbers per page.

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1. **A VIRTUAL SIMULATION WITH REAL-WORLD IMPLICATIONS**

   You may have played or are familiar with games like **SimCity**, **Civilization**, or **Age of Empires.** Now imagine participating in a virtual city simulation but your actions have real-world implications. In this project, we have taken the fun of building a virtual city, combined it with an aligned community and are launching it on the blockchain. The most unique feature is that while you are building this virtual city, you are starting and operating real businesses, earning real money, and creating real-world impact. Welcome to the VMCC Builder DAO, a community of Virtual Mining and Construction Companies (VMCCs) united to build the City of Atlantus Project—a virtual city-of-industry powered by tokenized Real-World Assets (RWAs).

2. **NOT JUST ANOTHER CRYPTOCURRENCY PROJECT**

   Most investors enter crypto projects planning to invest in a single token with quick returns. When these investors enter our community, they discover we have a completely different approach. Instead of one dApp or token, we have multiple digital assets and dApps. In place of quick returns, we are designing our systems to provide long-term, sustainable yields that mature into generational wealth.

3. **RUNNING YOUR OWN VIRTUAL COMPANY**

At its core, the VMCC Builder DAO is a Decentralized Autonomous Organization (DAO) powered by both centralized and decentralized applications. The VMCC ecosystem runs on positive actions, high-utility digital assets, and valuable reward tokens. Joining the VMCC Builder DAO means not just buying digital assets, but founding a business—your own Virtual Mining and Construction Company (VMCC).

3.1. Genesis Key Overview

Genesis Keys are high-utility Non-Fungible Tokens (NFTs) that unlock access to decentralized builder solutions and systems. They are sold in Acres, Plots and Yards with each Genesis Key NFT representing a fractionalized equity (ownership) stake in the City of Atlantus; a city-of-industry that's both virtual and real.

3.1.1. Genesis Key Utility

A Genesis Key is needed to create a Virtual Mining and Construction Company and access the Builder Dashboard which holds four (4) core management systems:

- VMCC Operations Management System (OMS)
- ADA Offshore Builder Account
- ACM Crypto Brokerage Account
- ATL Mining and Construction System

Genesis Key benefits vary within each system and are directly correlated to the quantity and/or type held.

3.1.2. Omega Genesis Keys vs Alpha Genesis Keys

There are two types of Genesis Keys: Alpha Keys and Omega Keys. Alpha Genesis Keys are Genesis Keys purchased pre-VMCC, received during giveaways or earned by participating in the VMCC Builder Actions Initiative. Omega Genesis Keys are Genesis Keys purchased through the VMCC Dashboard.

Omega and Alpha Genesis Key Comparison Chart

Key Features	Alpha Keys	Omega Keys
Key Source	Earned*	Purchased
Reward Type	Silver PRLZ Virtual Equipment (VE) Credits	Gold PRLZ Virtual Equipment (VE) Credits
Reward APY	Silver PRLZ: 0.1% Virtual Equipment (VE) Credits: 0.1%	Gold PRLZ: 2% Virtual Equipment (VE) Credits: 20%
Reward Earnings	Perpetual	Fixed Timeline
Reward Structure	Rewards accelerate with ecosystem growth.	Rewards terminate within 26 months or less.
Virtual Equipment (VE) Installation	Virtual Equipment need to be purchased to activate VRB production.	Virtual Equipment do not have to be purchased to activate VRB production.**
Atlantus Tokenized Lands (ATL) Utility	Omega and Alpha Genesis Keys unlock the same amount of Virtual Mining Lands and Virtual Construction Equipment within ATL.	

*Alpha Genesis Keys refer to the keys that were purchased pre-VMCC or earned through giveaways and the Builder Actions Initiative. Silver PRLZ were distributed through monthly tsunamis to all pre-VMCC Alpha Key holders.

**Omega Genesis Keys earn a higher amount of VE Credits in the VMCC Rewards System. VE Credit rewards persist until a Genesis Key has earned enough credits to install half its base Virtual Equipment capacity.

3.1.3. Genesis Key Capacity

Contained within each type of Genesis Key is a fixed amount of virtual assets as follows:

Genesis Key Type	Virtual Mining Land	Virtual Construction Worker	Total Assets
Yard	1	1	2
Plot	9	9	18
Acre	54	54	108

3.1.4. Genesis Key Supply

The maximum supply of Genesis Keys available to be sold within the City of Atlantus (COA) ecosystem is 225,280 Acres. When the total supply of Genesis Keys has been sold and filled with virtual mining and construction equipment, yearly output from the Atlantus Tokenized Lands (ATL) dApp is estimated to be $2B, ranking COA at 180 out of 195 on the GDP rankings of countries in the world (as of September 2025). At this milestone, full ecosystem operations will be achieved and the City of Atlantus economy will be mature and self-sustaining.

3.2. Precious Resource Liquidities (PRLZ)

Precious Resource Liquidities (PRLZ) - pronounced "pearls" - are on-chain, off-dex, in-system transactional currencies received as system rewards. PRLZ can be used to purchase assets and products in the COA ecosystem. There are two types of PRLZ: Gold PRLZ and Silver PRLZ

Gold and Silver PRLZ Comparison Chart

PRLZ Features	Gold PRLZ	Silver PRLZ
Source	Atlantus Digital Assets (ADA) Offshore Builder Accounts VMCC Builder Dashboard Reward System	VMCC Builder Dashboard Reward System
In-System Value	$1	$1
Cashout Value	$0.50	$0.1
Treasury Status	Open	Temporarily Closed

3.3. Virtual Builder Toolkit

After onboarding, VMCC DAO members access the Virtual Builder Toolkit through the VMCC Builder Dashboard. This dashboard is the central Operations Management System (OMS) for virtual mining and construction companies. The Builder Dashboard provides access to systems and tools designed to help VMCC owners manage, operate and grow the value of their companies.

Virtual Builder Toolkit Chart

Tool Name	Tool Type	Utility
VMCC Builder Dashboard	Operations Management System (OMS)	Manage VMCC company profile, digital assets, virtual business systems, tools and solutions from a single workstation.
Atlantus Digital Assets (ADA)	Business Banking Solution	Access financial accounts, rewards and yields that enable you to build your VMCC.
Atlantus Coin Market (ACM)	Crypto Brokerage Solution	Participate in investment opportunities that help diversify your crypto portfolio and contribute to building COA's cryptocurrency reserves.
Atlantus Tokenized Lands (ATL)	Mining & Construction System	Claim mining lands, install Virtual Mining Equipment, deploy Virtual Construction Workers, sell Virtual Resource Blocks and contribute to building in the real-world.

4. VIRTUAL MINING AND CONSTRUCTION IN ACTION

There are two virtual operating districts within the City of Atlantus - the Mining District and the Construction District. The mission of VMCC DAO members is to accumulate Genesis Keys and:

1. Unlock Virtual Mining Lands in the Mining District.
2. Deploy Virtual Construction Workers in the Construction District.

4.1. Virtual Mining District

With just one (1) Yard Genesis Key NFT, builders can:

1. Claim one (1) Virtual Mining Land (VML) in one of eight (8) sectors within the Mining District.
2. Purchase and install one (1) Virtual Mining Equipment (VME) on the Virtual Mining Land in the chosen mining sector starting at $80 each.

Virtual Mining Sector	Virtual Mining Equipment	Investment Sector
Sand	vSand Miner	Real-World Sand Mining and Building Supplies.
Water	vWater Miner	Retail Water Supply and Water-Related Opportunities.
Oil	vOil Miner	Oil & Gas Downstream and Plastic Pyrolysis.
Manganese	vManganese Miner	Transportation Infrastructure.
Lithium	vLithium Miner	Renewable Energy Opportunities.
Phosphate	vPhosphate Miner	Agriculture and Aquaculture Opportunities.
Gold	vGold Miner	Product Manufacturing.
Diamond	vDiamond Miner	Security and Defense Industries.

4.2. Virtual Construction District

With the same Yard Genesis Key, you will also be able to:

1. Hire one (1) Virtual Construction Worker (VCW) and deploy to one of twenty-eight (28) construction zones within the Construction District. Each virtual construction zone represents a real-world city-area of construction.

2. Purchase and supply the Virtual Construction Worker with Virtual Construction Equipment (VCE).

Note: Finalized equipment options, city-areas and pricing will be detailed in future updates.

4.3. COA Global Operations

Resource output from the virtual mining and construction districts will build and tokenize real-world residential, commercial and industrial assets in eight (8) global regions.

The eight global regions and their office headquarters are:

1. Middle East – Dubai, UAE
2. Europe – Zurich, Switzerland
3. East Asia – Singapore City, Singapore
4. United Kingdom – London, England
5. Africa – Lagos, Nigeria
6. North America – Atlanta, GA, USA
7. Oceania – Sydney, Australia
8. South America – São Paulo, Brazil

5. VMCC VALUE GENERATION

VMCCs generate value through virtual mining and construction activities within the Atlantus Tokenized Lands (ATL) DApp. These activities are the revenue-driving functions that enable VMCCs to finance the City of Atlantus project while building equity and long-term wealth.

5.1. Generating Value Through The Virtual Mining District

When the Atlantus Tokenized Lands (ATL) dApp launches, VMCCs will:

1. Use Genesis Keys (Acres, Plots, and Yards) to unlock Virtual Mining Lands.
2. Purchase one or more of eight types of Virtual Mining Equipment (VME), starting at $80.
3. Install VME on Virtual Mining Lands. Each VME produces one (1) to eight (8) Virtual Resource Blocks (VRBs) per quarter depending on its production power.
4. Sell each VRB for $8.44 in $GRIT (COA's store-of-value token) or USDT to the Atlantus Resource Depository.

5.2. Generating Value Through The Virtual Construction District

When the Atlantus Tokenized Lands (ATL) dApp launches, VMCCs will:

1. Use Genesis Keys (Acres, Plots, and Yards) to activate Virtual Construction Workers.
2. Purchase one or more types of Virtual Construction Equipment (VCE), starting at $80.
3. Equip Virtual Construction Workers with VCE. Each VCE produces one (1) to one thousand (1,000) Virtual Resource Blocks (VRBs) per quarter depending on its production power.
4. Sell each VRB for $8.44 in $GRIT (COA's store-of-value token) or USDT to the Atlantus Resource Depository.

The Atlantus Resource Depository stockpiles Virtual Resource Blocks from thousands of VMCCs and aggregates the value to build and tokenize residential, commercial, and industrial assets in the real-world.

5.3. **$GRIT Revenue Projection**

The goal of each VMCC is to accumulate at least four (4) Acre Genesis Key NFTs. Outlined below are the most-recent revenue and $GRIT appreciation predictions for VMCCs holding four (4) Acres with fully-installed Virtual Mining Equipment. Each VME produces one (1) to eight (8) Virtual Resource Blocks (VRBs) per quarter depending on production power.

Based on 4 Acre Genesis Key NFTs					
Mining Power	VRB Output	Quarterly $GRIT Value	48-60 Month Appreciation (20x)	Yearly $GRIT Value	48-60 Month Appreciation (20x)
1x	216	$1,823	$36,460	$7,292	$145,843
8x	1,728	$14,584	$291,686	$58,337	$1,166,744

These projections are based on an $8.44 unit price for Virtual Resource Blocks (VRBs).

5.4. **Building and Tokenizing Real-World Assets (RWAs)**

The VMCC DAO will make collective decisions by voting on COA business investment priorities and funding. Once a DAO vote is conclusive, real-world construction is authorized to begin. Below is an example of how the construction process would commence and the VMCC DAO remain informed and engaged:

1. The VMCC Builder DAO votes to launch a business in a specific regional location (e.g. a dairy farm in Lucerne, Switzerland or a vacation rental in Dubai, UAE) and it is projected to cost $250,000 to become operational.
2. $250,000 is withdrawn from the Atlantus Resource Depository and used to begin the development process starting with the legal incorporation of the business. Business incorporation documents are tokenized into an NFT and published on-chain, validating ownership by the VMCC Builder DAO.

3. Construction begins and DAO members can observe construction activities in the Atlantus Tokenized Lands (ATL) dApp via live video feeds and periodic updates by project managers.

4. Once the business is operational, customers will be incentivized with discounts to use COA's "$BUSINESS" index token for all transactions, instead of fiat.

5. Hundred percent (100%) of generated profits from the business funds $GRIT chart buys and buybacks, appreciating its price and the wealth of all VMCCs.

The Atlantus Tokenized Lands (ATL) DApp is designed to execute this process thousands of times—all over the globe.

5.5. Real-World Value Loop

At full operational capacity, VMCC virtual mining and construction activities in the ATL dApp are projected to generate over $2B in annual operating capital to fund real-world construction activities. This output is deployed to build thousands of residential, commercial and industrial business assets around the globe. Profits generated from these businesses (projected to be tens of millions of dollars annually) are circulated into $GRIT buybacks and chart buys, driving up the value of VMCC treasury holdings and creating generational wealth for VMCC owners.

5.6. Wealth Management

All monetary value generated in the City of Atlantus is managed and serviced by SXRN (Sovereign Exchange and Reserve Network), COA's AI-driven wealth management system. SXRN (pronounced "siren") is a proprietary quantitative finance protocol that algorithmically auto-trades commodities and arbitrages cryptocurrencies while circulating value throughout COA's blockchain-based economy.

6. **WHY $GRIT IS SO VALUABLE**

Global Resource and Revenue Index Token ($GRIT) is the bitcoin of the COA ecosystem. $GRIT is a fixed supply, deflationary, manipulation and whale resistant, store-of-value token designed to enable VMCCs to retain their wealth over a long period of time. The key feature behind $GRIT is that it is an on-dex Non-Tradable Token (NTT); a type of token that is earned through builder actions or purchased on-dex. $GRIT has a 100% sell tax and can only be cashed out through regulated accounts within the VMCC Builder Dashboard - VMCC Return-on-Investment (ROI) Accounts. This NTT feature cancels the possibility of price manipulation from bad actors and ensures $GRIT's value and price floor are preserved for long-term players within the VMCC ecosystem. A hundred percent (100%) of profits from all COA businesses fund $GRIT chart buys and buybacks, ensuring consistent, long-term price appreciation.

$GRIT is designed:
- To be resistant to price manipulation.
- For long-term price appreciation.
- As a true store-of-value token.

Generated $GRIT is deposited in VMCC ROI Accounts which are the core treasury for Virtual Mining and Construction Companies. Within these accounts, VMCCs can cash out a percentage of accumulated $GRIT for USDT weekly, which protects its value. By holding $GRIT long-term, you are positioning your VMCC to be a wealth-generating business asset for yourself and your future generations.

7. CITY OF ATLANTUS METAVERSE

Around 2030, MOBI Automation's *Creative Works* team will unveil a one-of-a-kind metaverse experience—an exclusive virtual destination for COA denizens, entrepreneurs and digital consumers from around the globe.

The COA Metaverse will serve as the virtual capital of Atlantus, showcasing its assets and enabling immersive interactions with digital twins of real-world businesses and entertainment destinations developed by the collective actions of the VMCC Builder DAO.

8. THE BIGGER PICTURE

As you can see from this detailed overview, the VMCC Builder DAO and the City of Atlantus utilize a unique approach, reimagining how web3 technology is used to develop, build, and operate real-world businesses. This vision-rich endeavour provides opportunities for investors to support and participate in a blockchain project that transforms investments into global impact while generating sustainable long-term wealth.

Now that you understand the opportunity presented by the VMCC Builder DAO, you are invited to join this global network of Virtual Mining and Construction Companies united to build the City of Atlantus (COA)—a virtual city-of-industry powered by tokenized Real-World Assets.

For more information, visit vmcc.build or join our Telegram @vmccdao

Footer:

Additional updates will be made to this litepaper and VMCC dApp-specific litepapers will be released as ecosystem development progresses.