



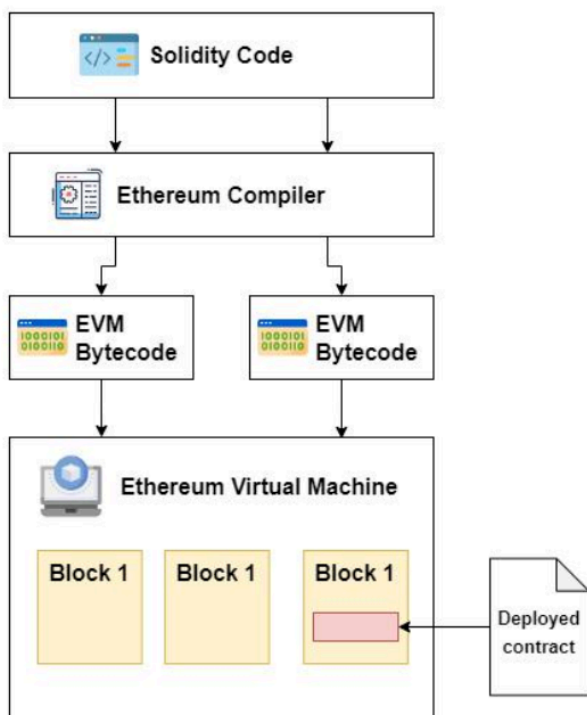
# Gramchain Network Whitepaper



Trusted platform for building fast, secure,  
and compliant decentralized applications.

## Introduction

Gramchain Network is a next-generation EVM-compatible blockchain designed to bridge the gap between cryptocurrency and real-world utility. While blockchain technology has grown rapidly, mainstream adoption remains limited due to high gas fees, complex user experiences, and limited real-world payment integrations. Gramchain Network addresses these challenges by introducing a decentralized payment-focused ecosystem that enables users to **Earn Gram**, **Pay Gram**, and developers to build scalable applications powered by smart contracts.



At the core of the ecosystem lies **GCC Coin**, the native utility asset of Gramchain Network. GCC is designed to power transactions, reward users, enable smart contract execution, and facilitate decentralized payments across real-world applications. With a fixed supply of **50,000,000 GCC**, the token is structured to promote scarcity, sustainability, and long-term ecosystem growth.

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**Self-Custodial Bank:** Gramchain's flagship initiative introduces a blockchain-powered self-custodial banking experience designed to redefine global finance. It enables users worldwide to access essential financial services directly from their own wallets, eliminating intermediaries and allowing borderless, permissionless banking with full asset control.

**Borderless Payment Protocol:** Gramchain's decentralized payment protocol is built to power seamless cross-border transactions. By enabling fast,

low-cost, and secure payments, the network promotes real-world crypto adoption and supports a truly global financial ecosystem where users can transact without traditional banking limitations.

**Decentralized On & Off-Ramp Solution:** Gramchain provides a decentralized on and off-ramp infrastructure that allows users to seamlessly move between crypto and real-world value. This solution ensures users can fund, withdraw, and utilize digital assets directly from their self-custody wallets while maintaining complete ownership and transparency.

**Gram MarketVerse:** Gramchain MarketVerse is a real-world crypto commerce ecosystem where users can buy and sell goods, services, and digital products using GCC Coin and supported cryptocurrencies. Designed for everyday usability, MarketVerse simplifies crypto payments and enables practical, daily transactions powered by blockchain.

Gramchain Network is more than just a blockchain – it is an ecosystem focused on integrating cryptocurrency into everyday life. Through decentralized payments, self-custodial banking, smart contract

infrastructure, and real-world utility, Gramchain aims to accelerate global adoption and build a truly borderless financial future.

## Vision

Gramchain Network aims to create a decentralized financial infrastructure where crypto payments are as simple as traditional payments. The network is designed to support merchants, developers, businesses, and everyday users through a seamless payment ecosystem backed by scalable blockchain technology. Gramchain's long-term vision is to enable global adoption of crypto payments while empowering developers with tools to build decentralized applications for commerce, finance, and digital services.

## The Problem

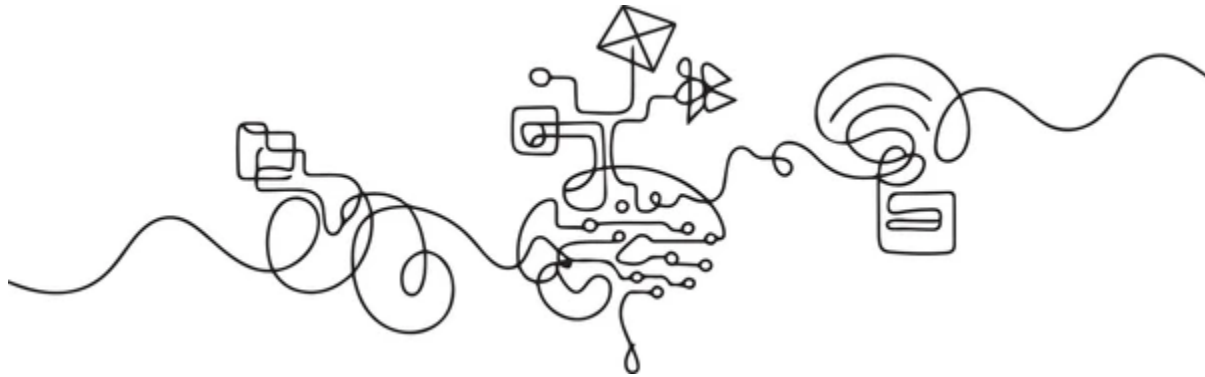
Despite rapid blockchain innovation, several barriers still limit adoption:

- High and unpredictable gas fees
- Poor user experience for non-technical users
- Limited real-world crypto payment solutions
- Complex smart contract deployment infrastructure
- Lack of incentives for users to transact regularly
- Slow and expensive cross-application payments
- Limited builder-friendly blockchain environments

These limitations prevent crypto from being used as a mainstream payment solution. Gramchain Network is designed to solve these challenges through a user-centric blockchain architecture.

## Gramchain Network Solution

Gramchain Network is an **EVM-compatible decentralized blockchain** that enables smooth crypto payments for real-world applications. The network integrates user-centric features such as gas fee sharing, transaction rewards, and developer-friendly smart contract infrastructure.



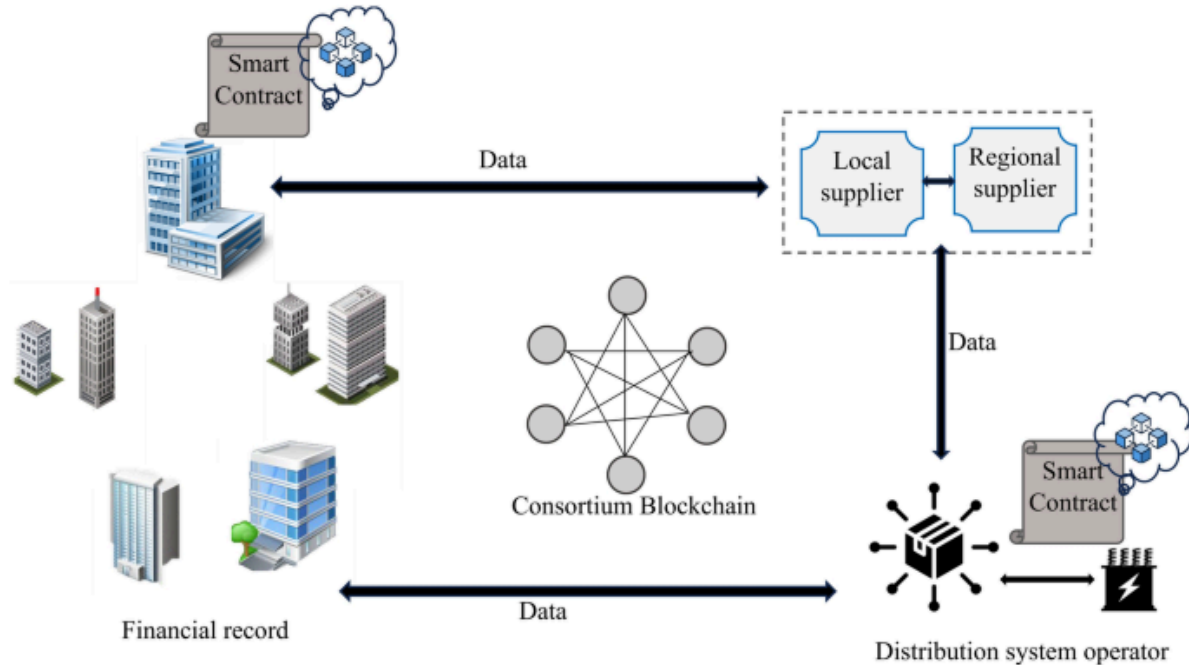
Key capabilities include:

- Smart contract development and deployment
- Real-world crypto payment infrastructure
- User-centric gas fee sharing mechanism
- Transaction reward distribution
- Fast and low-cost transactions
- EVM compatibility for easy migration
- Scalable infrastructure for mass adoption
- Developer tools for dApp deployment

By combining these features, Gramchain Network allows developers to build applications ranging from payment platforms to DeFi solutions, marketplaces, gaming ecosystems, and enterprise tools.

## Smart Contract Development

Gramchain Network provides a robust environment for smart contract development using Solidity and standard EVM tooling. Developers can easily deploy decentralized applications without learning new programming languages or frameworks.



Smart contracts on Gramchain can be used for:

- Payment automation
- Reward distribution
- DeFi applications
- Token creation
- Subscription payments
- Merchant checkout systems
- Escrow services
- Staking and governance
- NFT marketplaces

The network is optimized for low-cost execution, making it ideal for high-frequency payment-based applications.

## Earn Gram, Pay Gram Model

Gramchain introduces a unique **Earn Gram, Pay Gram** economic model. Users earn GCC through ecosystem participation and spend it across applications within the network.

Users can earn GCC through:

- Transaction rewards
- Network participation
- Staking programs
- dApp incentives
- Merchant cashback systems
- Ecosystem campaigns

Users can pay GCC for:

- Crypto payments
- Gas fees
- Merchant purchases

- dApp services
- Network utilities
- Smart contract execution

This circular economy drives continuous demand and usage for GCC Coin.

## GCC Coin Overview

**Token Name:** GCC Coin

**Blockchain:** Gramchain Network

**Token Standard:** Native Coin

**Total Supply:** 50,000,000 GCC

**Decimals:** 18

**Type:** Utility & Payment Token

GCC Coin powers the entire Gramchain ecosystem and is used for transactions, rewards, governance, and smart contract execution.

## Token Utility

GCC Coin has multiple utilities within the Gramchain ecosystem:

- Transaction fees
- Smart contract execution
- Staking rewards
- Payment settlement
- Merchant payments
- Governance participation
- Developer incentives
- Liquidity provisioning
- Ecosystem rewards

The multi-utility design ensures long-term token demand and ecosystem sustainability.

## Token Distribution

The fixed supply of **50,000,000 GCC** will be distributed as follows:

- Ecosystem Rewards – 30% (15,000,000 GCC)
- Network Development – 20% (10,000,000 GCC)
- Team & Advisors – 15% (7,500,000 GCC)
- Liquidity & Exchange – 15% (7,500,000 GCC)
- Strategic Partnerships – 10% (5,000,000 GCC)
- Marketing & Adoption – 10% (5,000,000 GCC)

This allocation ensures balanced growth, liquidity, and long-term sustainability.

## Gas Fee Sharing Mechanism

Gramchain Network introduces a user-friendly gas fee sharing model. Instead of users paying full gas fees, dApps and ecosystem programs can subsidize or share transaction costs. This reduces friction and improves user adoption.

Benefits include:

- Lower user entry barrier
- Increased transaction volume
- Better dApp engagement
- Merchant-friendly payments
- Mass adoption readiness

This model allows developers to create Web2-like experiences powered by Web3 infrastructure.

## Security & Scalability

Gramchain Network is designed with performance and security in mind. The network includes:

- EVM-compatible architecture
- Secure validator consensus
- Smart contract audit support
- Scalable transaction throughput
- Low-latency block confirmations
- Decentralized infrastructure

These features ensure reliable performance for both users and developers.

## Ecosystem Growth

Gramchain Network is built to support a wide range of applications:

- Payment platforms
- DeFi protocols
- NFT marketplaces
- Gaming ecosystems
- Merchant integrations
- Wallet applications
- Staking platforms
- Financial services

The ecosystem will continue expanding through developer grants, partnerships, and community initiatives.

# Roadmap

## 2026 Q1 & Q2

- Gramchain Network Launch
- GCC Coin Deployment
- Core Wallet Release
- Smart Contract Support

## 2026 Q2 & Q3

- Payment Gateway Integration
- Staking Platform Launch
- Developer SDK Release
- dApp Ecosystem Expansion

## 2026 Q4

- Merchant Payment Network
- Gas Fee Sharing Activation
- Cross-chain Integrations
- Governance Implementation

## 2027 Q2

- Global Payment Adoption
- Enterprise Partnerships
- Ecosystem Fund Launch
- Full Decentralization

## Conclusion

Gramchain Network is designed to accelerate crypto adoption by enabling seamless real-world payments and developer-friendly infrastructure. Through smart contract support, gas fee sharing, and the **Earn Gram, Pay Gram** model, the network creates a sustainable and scalable ecosystem.

With a fixed supply of **50,000,000 GCC**, strong token utility, and a builder-focused architecture, Gramchain Network aims to become a leading blockchain for decentralized payments and real-world crypto adoption.

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Whitepaper End.

[www.gramchainnetwork.com](http://www.gramchainnetwork.com)