

GGPAY COIN & GG CHAIN WHITEPAPER

Executive Summary

GGPAY COIN and GG CHAIN are pioneering Web3 infrastructure designed for lightning-fast transactions, decentralized finance (DeFi), cross-chain operability, and scalable decentralized applications (DApps). With a total supply of **21 million GGPAY Coins**, GG Chain is a **Layer-0 + Layer-1 hybrid blockchain** combining high-speed finality with flexible interoperability and zero-layer protocol communication.

GGPAY COIN

1. Overview

GGPAY COIN is the core utility and governance token within the GG ecosystem. It powers gas payments, rewards validators and oracle nodes, facilitates staking and governance, and underpins various financial services including flash loans and decentralized trading.

2. Use Cases

- Transaction fees (gas) on GG Chain
- Flash loan liquidity and collateral
- Validator staking & reward distribution
- Community governance voting
- Oracle data staking and integrity enforcement
- Market liquidity and DeFi protocol utility

3. Tokenomics

Total Supply: 21,000,000 GGPAY

Allocation	Percentage
Team	13%
Public Sale (ICO)	20%
IDO	3%
IPO	10%
Mining Rewards	20%
Exchange Liquidity	10%
Airdrop	7%
Rewards	7%
Marketing	10%

4. Roadmap

Quarter	Key Milestone
Q1 2025	Token and website launch, whitepaper publication
Q2 2025	ICO/IDO/IPO events, Beta release of GG Wallet
Q3 2025	Exchange listings, launch of flash loan protocols
Q4 2025	Activation of on-chain DAO and GG Pay Gateway launch

GG CHAIN – Layer-0 + Layer-1 Hybrid Blockchain

1. Architecture

- **Layer-0:** Interoperable base layer for connecting parachains and external blockchains
- **Layer-1:** High-throughput smart contract execution environment with EVM and WASM compatibility

2. Consensus Mechanism

Delegated Proof of Stake (DPOS) + Byzantine Fault Tolerance (BFT) hybrid model: - Up to 100 active validators - Delegated staking for GGPAY holders - Fast block finality (<2 seconds) - Sustainable and energy-efficient

3. Smart Contract Environment

- **EVM-Compatible:** Supports Solidity and Vyper for Ethereum-style contracts
- **WASM-Ready:** Enables advanced and secure contract execution
- Integrated audit tooling and developer SDKs

4. GG Oracle Infrastructure

- Native on-chain oracle system
- Real-time external data integration (price feeds, AI signals, etc.)
- Oracle node slashing to ensure accuracy and reliability

5. Interoperability

- Supports cross-chain transactions via **IBC module** or **Wormhole bridge**
- Seamless asset transfers across Ethereum, BNB Chain, Polygon, and Solana

6. Zero Layer Protocol

- Enables instant messaging and communication across:
 - GG Wallet
 - GG Chain Explorer
 - GG NFT & Gaming Marketplace
 - GG Flash Loan & DeFi suite

7. Governance

- On-chain governance through GG DAO
- GGPAY token used for proposal creation and voting
- Decentralized management of upgrades, treasury, and validator set

8. Security Model

- Slashing penalties for malicious validator behavior
- Optional zk-SNARK implementation for private transactions
- Community-led security audits via GGChain Audit DAO

9. Performance & Scalability

- Supports up to 100,000 TPS
- Modular sharding support
- Compatible with zk-Rollups and Optimistic Rollups
- Optimized for parallel transaction execution (inspired by Aptos/Sui)

10. Enhanced Features

- Native Flash Loan Protocol
 - Integrated toolkit for DApps and GameFi
 - GG Launchpad and ecosystem incentive fund
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Team & Founder

Founder: Oliver Roiux

Blockchain innovator with deep expertise in decentralized payments, Web3 systems, and scalable protocol design.

Community & Marketing

- Airdrop and incentive campaigns targeting early adopters
 - Strategic influencer partnerships and content campaigns
 - Onboarding of global users and developers into the GG ecosystem
 - Integration and listings on leading crypto exchanges and wallets
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Legal Disclaimer

This whitepaper is intended for informational purposes only and does not constitute investment advice or an offering. GGPAY COIN and GG CHAIN are decentralized platforms. Users should conduct their own due diligence before participating in any activities.

Official Links

- Website: [www.ggpayfinance.com]
- GitHub: [Coming Soon]
- Explorer: [Coming Soon]
- Wallet: [Coming Soon]
- Twitter: [@GGPAYCOIN]

GGPAY – POWERING THE WORLD’S FASTEST BLOCKCHAIN