

# Gamico Protocol Litepaper V2.0

July 2021

## 1 Introduction

Gamico is a novel protocol which runs on the Binance Smart Chain. It is a stake pool to provide rewards liquidity for provably fair games, and a community launchpad for projects of such games. With Gamico and its token GMC, people can

- play games by putting GMC at stake,
- stake GMC into a liquidity pool and chip in to play against players in every game, and
- bootstrap a game of one's own with our liquidity pool.

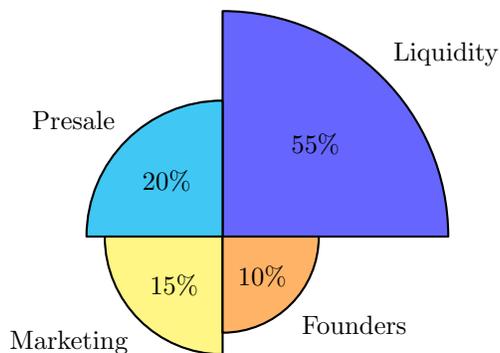
GMC is a deflationary token because there is a maximum total supply for GMC. Moreover, there are regular token burns for every gameplay from the token reserve.

All games in the Gamico Protocol and run by smart contracts and are provably fair, which means that neither the players nor the game operator (the smart contract) has a technical or informational advantage over one another. Example of provably fair games are games that have results dependant on a random number generator. This is fair to the player and also protects the Gamico staking pool from insolvency.

## 2 GMC token

GMC token is the fuel of Gamico protocol. It is a deflationary token. It is mainly used as a medium of transfer for gaming rewards. It has a maximum total supply of 1 Trillion.

## 2.1 Tokenomics



### 2.1.1 Liquidity

55% of all GMC tokens will be reserved for liquidity provision, which includes providing liquidity on Dex such as Pancake Swap, and providing reward liquidity on Gamico Protocol. Before liquidity is provisioned, it will be locked in a multisig wallet. After liquidity provision, the liquidity will be locked in DxLock for 2 years.

### 2.1.2 Presale

The presale is open to public while stock lasts. The presale will run till PCS listing.

### 2.1.3 Marketing

The marketing share will be distributed through airdrops (which is already running now), bounty programs and giveaways to marketing leads and Key Opinion Leaders.

### 2.1.4 Founders

The founders' share will be locked up for the first 9 months in DxLock, and will be linearly released over the next 18 months after the first unlock.

## 2.2 HODL benefits

Hodlers of GMC token could

- stake GMC and earn yield, and
- enjoy airdrops of Cake, BNB, BTCB and BUSD purchased with game proceeds every day by holding GMC liquidity pool LP tokens.

## 2.3 Share certificate NFTs

Share certificate NFTs are issued to selected strategic institutional partners and founders. Whenever a treasury drawdown is triggered to distribute profits, all surplus is distributed among share certificate NFT holders.

# 3 Core components

## 3.1 Liquidity pool

The liquidity pool is the heart of Gamico Protocol. It supports all games in the protocol by providing liquidity to them. Whenever a game does not have enough GMC tokens to pay out a player, it draws from the liquidity pool. Whenever the GMC balance of any game is positive, the liquidity pool can call back funds from the game.

Whenever someone deposits to the liquidity pool, one will receive a LP token relative to the net asset value of the pool. With the LP token, a user is entitled to claim the GMC tokens in the liquidity pool in proportion to the total amount of LP token available.

## 3.2 Treasury

Part of the game proceeds will go into the treasury. Funds in the treasury are used for marketing, BNB/CAKE airdrops and profits distribution.

## 3.3 Initial liquidity blackhole

The initial liquidity blackhole is a smart contract and the first liquidity provider into the liquidity pool. It doesn't implement the 'transfer' function so that all the GMC tokens it entitles cannot be removed from this contract. In other words, all the initial liquidity and the rewards linked to the initial liquidity are burnt, which makes GMC a deflationary token.

## 3.4 Gamico DAO

The Gamico Decentralized Autonomous Organization (DAO) will employ a voting strategy which is pro rata to the holdings of the GMC liquidity pool LP token. The DAO will vote on matters including

- onboarding new games, and
- changing the minimum payout advantage.

Since the Initial liquidity blackhole does not implement signing functions, even it holds a number of the LP tokens through supplying GMC liquidity to the pool, it could not vote, which ensures only real holders can vote.

### 3.5 Game contracts

Game contracts are the first window of the Gamico Protocol that a player faces. All game contracts should be provably fair games. Any game verified by GMC devs and approved by the community DAO can connect to the liquidity pool and payout to winners using GMC. Any GMC earned by the game should be sent back to the liquidity pool through one or more deterministic transactions, which ensures that the GMC from the liquidity pool can always be called back.

There will be a **minimum payout advantage** for each game, which is determined by the DAO. The minimum payout advantage ensures the Gamico liquidity pool will not become insolvent in the long run by giving a small advantage in games to the pool against the player.

## 4 Future development

### 4.1 Roadmap

**June 2021** Gamico transformed from a E-Sports platform to a DeFi gaming platform.

**July 2021** GMC airdrop starts. 2 Game contracts launched on the Gamico liquidity pool.

**August 2021** GMC listed on PancakeSwap. Gamico liquidity pool starts accepting deposits.

**Q3 2021** At least 5 games running on Gamico platform.

**Q4 2021** NFT and Metaverse projects on Gamico platform.

**Q1 2022** Gamico running on Cardano.

**Q2 2022** Mobile app released.

### 4.2 Business development

#### 4.2.1 Partnership with lending pools on BSC

By partnering with lending pools, users can supply any tokens that the partner pool supports and borrow GMC. With this capability in the underlying, the devs at Gamico could spin up a multi-collateral pool which enables users to play games using tokens other than GMC and participate in the rewards liquidity pool using tokens other than GMC.

#### 4.2.2 Gamico VC

With becoming a community launchpad for provably fair games in mind, the devs at Gamico intend to support development of such games by providing funding and technical assistance.