## DARKTIMES DARKPAPER

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#### DARKTIMES

From a portfolio of 500+ investments, Animoca Brands handpicked **DARKTIMES** as one of only three games to be built at its legendary game studio, Blowfish Studios.

A multiplayer Brawler Royale, **DARKTIMES** combines the dark fantasy
vibe of Diablo with the competitive
gameplay of Fortnite and the incentives of
real-money gaming.

- Set in a medieval world, DARKTIMES
   is a visually stunning PvP game with a
   highly engaging physics based combat
   system at its core
- Deep character progression and customisation give players multiple paths to success - the result is a dynamic game of 'magic, mixed with madness'
- A social game, **DARKTIMES** is funny, brutal and highly addictive, and emphasises both free-for-all individual skill, as well as cooperative team-based strategies

DARKTIMES is the real life Hunger Games; the further you go, the more you can win. The thrill of these real losses and real wins keeps gamers and degens coming back again, and again, and again. **DARKTIMES** is also tailor-made for the era of social gaming, content creation, and streaming, with compelling GameFi design.

- It is designed for memes, sharing with friends, and viral social media campaigns
- Free-to-play (with clear monetisation) and not token gated
- Distribution through a variety of channels including plans for the Epic Games Store and future mobile app.
- Straight forward Fiat and Crypto onboarding
- Native \$TIMES token integrated as fundamental part of gameplay rewards

**DARKTIMES** is crafted like a traditional game and propelled by a thoughtful token economy. It is well funded, built by an award winning game studio, and targets actual web3 players and communities.

\$TIMES is the entry ticket to the best ride of 2024.



#### GAME DEVELOPMENT

Development of **DARKTIMES** began in late 2021.

produced by a rockstar team with experience working at, with, and for EA, Blizzard, Oculus Rift, Horna, Gameloft, Square Enix, The Witcher, and more.

DARKTIMES is developed by renowned game studio, Blowfish Studios. It is funded by over 20 meaningful and experienced gaming and crypto investors.

A rich world of narrative and lore, industry leading graphics, and game engines combine to create a visually stunning, immersive, game.

## DARKTIMES FRANCHISE

DARKTIMES will become the leading darkish-fantasy franchise in web3. It is an intoxicating blend of fantasy, humour, scintillating gameplay, and has untold transmedia potential.

The **DARKTIMES** game for gamers is the first in a suite of entertainment products as part of the DARKTIMES franchise.

These will all revolve around a series of web3 digital assets which are owned by the community. At the centrepiece of the **DARKTIMES** universe is the \$TIMES Token.

#### Planned Roadmap:

- DARKTIMES game
- DARKTIMES mobile expansion
- DARKTIMES console expansion
- Anime pilot + limited series
- Retail merchandise expansions (phygital assets, merchandise, etc)
- Future game titles



## DARKTIMES GAMECONOMY

As an ecosystem, our view is that, aside from a lack of asset ownership, rapacious cost structures, and blatant disregard for communities, there's not that much wrong with traditional games; but there's a lot that could be better.

Whilst it may be "dark times", the goal of the **DARKTIMES** Game-economy is to create a light, bright, growing and self-sustaining Web3 ecosystem. **DARKTIMES** is free-to-play, but easy to monetise. This is crucial in large scale player acquisition.

At its heart, the economic structure is built around a functioning, lively, and dynamic asset - **DARKTIMES** - with economic value of the game represented by the market capitalisation of the \$TIMES token.

\$TIMES is the lifeblood of the **DARKTIMES** game and the essence of the greater franchise.

A key consideration in the development of **DARKTIMES** has been to create a game and an economy that is fun, social, replayable, and pulls well-known levers to keep gamers coming back for more.



#### DARKTIMES

#### DARKTIMES GAMECONOMY

By capturing social gamers with disposable income and turning them into repeat players, we generate strong network effects.

The Gameconomy is set up to grow with multiple incentive structures. The core loops of this include:

- Simple player onboarding through traditional free download and play, with simple and immediate monetisation
- Rewarding players for interacting with the game and the ecosystem around the game. The more they immerse themselves in the **DARKTIMES** experience, the greater the rewards. Additionally, **DARKTIMES** leverages a novel burn mechanic as a revolutionary player acquisition strategy - turning token holders into active gamers, and gamers into holders
- A non-inflationary environment where in-game sinks absorb supply; the greater the player numbers, the deeper these sinks and pools become, and the more effective the economy as a result

- Creating multiple layers of earning potential for various player archetypes (the casual player, the semi-pro, the scout, the scholar, the landlord, the reward seeker, etc)
- Enabling token holders to share in the success of the ecosystem, and, ultimately, decide what success looks like for themselves

In short the Gameconomy will reward those who risk for it, play for it, and die for it.



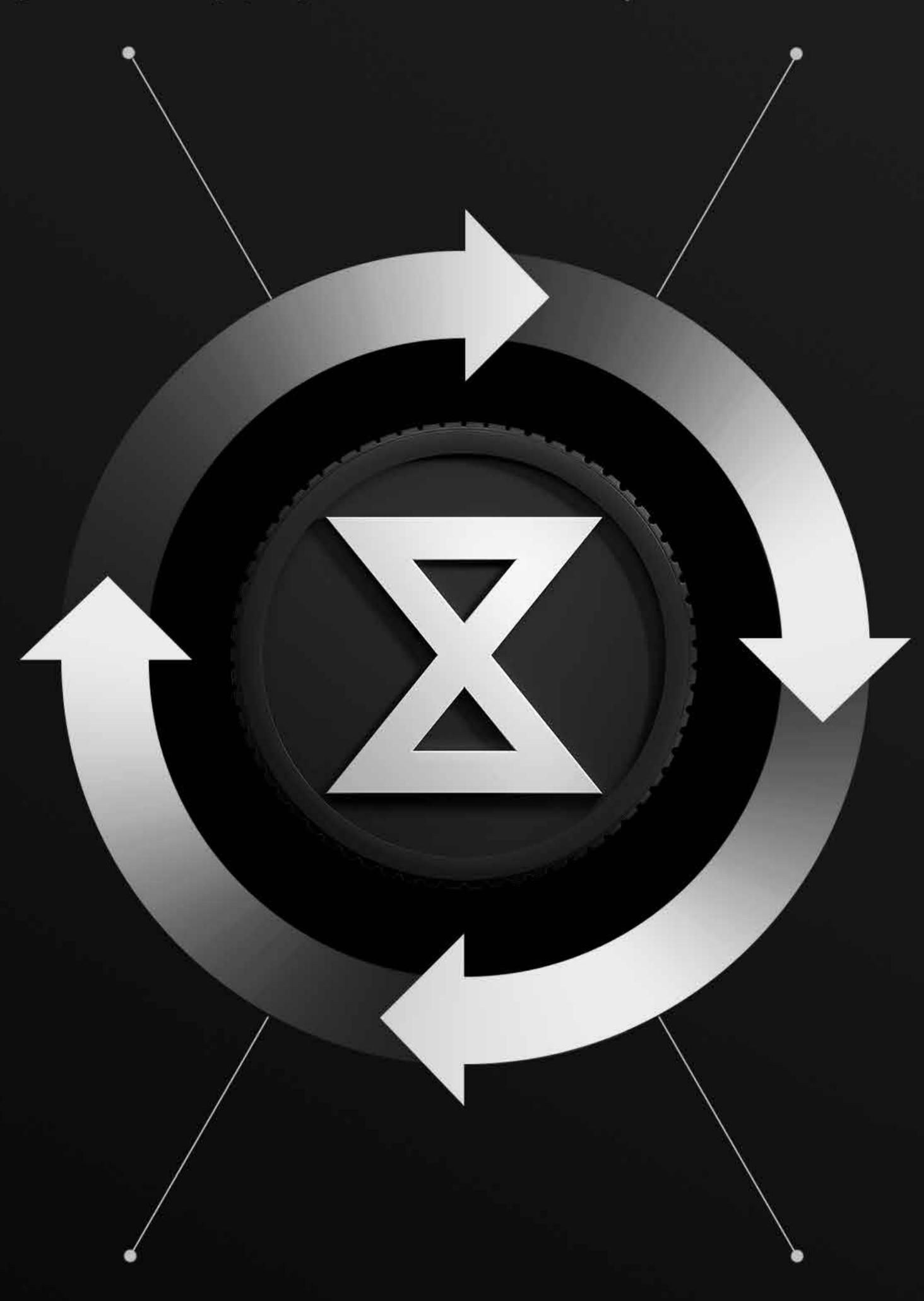
## \$TIMES GAME UTILITY LOOP

#### MORE PLAYERS ATTRACTED

Value of rewards attracts additional players and further engages existing players

#### NEW PLAYERS

Activity drives demand for \$TIMES



#### VALUE OF REWARDS

\$TIMES price appreciation increases value of rewards

#### \$TIMES DEMAND

Demand for \$TIMES increases as supply is absorbed

## \$TIMES TOKEN

Symbiotic to the success of the **DARKTIMES** games is \$TIMES. This serves as the in-game currency.

\$TIMES is the heart of the **DARKTIMES** franchise; it gives central foundation to the game, and almost every expansion of the brand that is planned to follow, both within future games, and across transmedia and popular culture.
\$TIMES is the lifeblood of the brand.

**DARKTIMES** and \$TIMES are co-designed to drive utility and value to the token while enhancing the game experience. At launch, \$TIMES will be used for:

#### Gameplay

- Skins and cosmetics
- Trading for in-game currency
- Loadout weapons
- Buying Battle Passes that allow access to the highest tiers of real money rewards and prizepools
- In-game rewards
- Buying and selling in-game assets, equipment, abilities and content
- Unlocking unique in-game items

#### Community

- Token gated discord channels
- Access to exclusive members only events, meet-ups, dev chats, access, and meet and greets

#### Staking

 Ecosystem participation through \$TIMES staking



## \$TIMES TOKEN

As user counts increase and expansions are rolled out, the token will be integrated more deeply into the franchise, allowing for increased access and privileges across the entire **DARKTIMES** franchise.

As the franchise is developed and a critical player mass is achieved, the deeply embedded \$TIMES token can be used to allow the community to fully experience the **DARKTIMES** ecosystem.

The success of \$TIMES is intrinsically linked to the number of players in the game and in-game activity. Player numbers are supported by the game's unique streamability, close relationships with content creators, and player's ability to win real rewards.

A core onboarding strategy is leveraging the power of free-to-play.

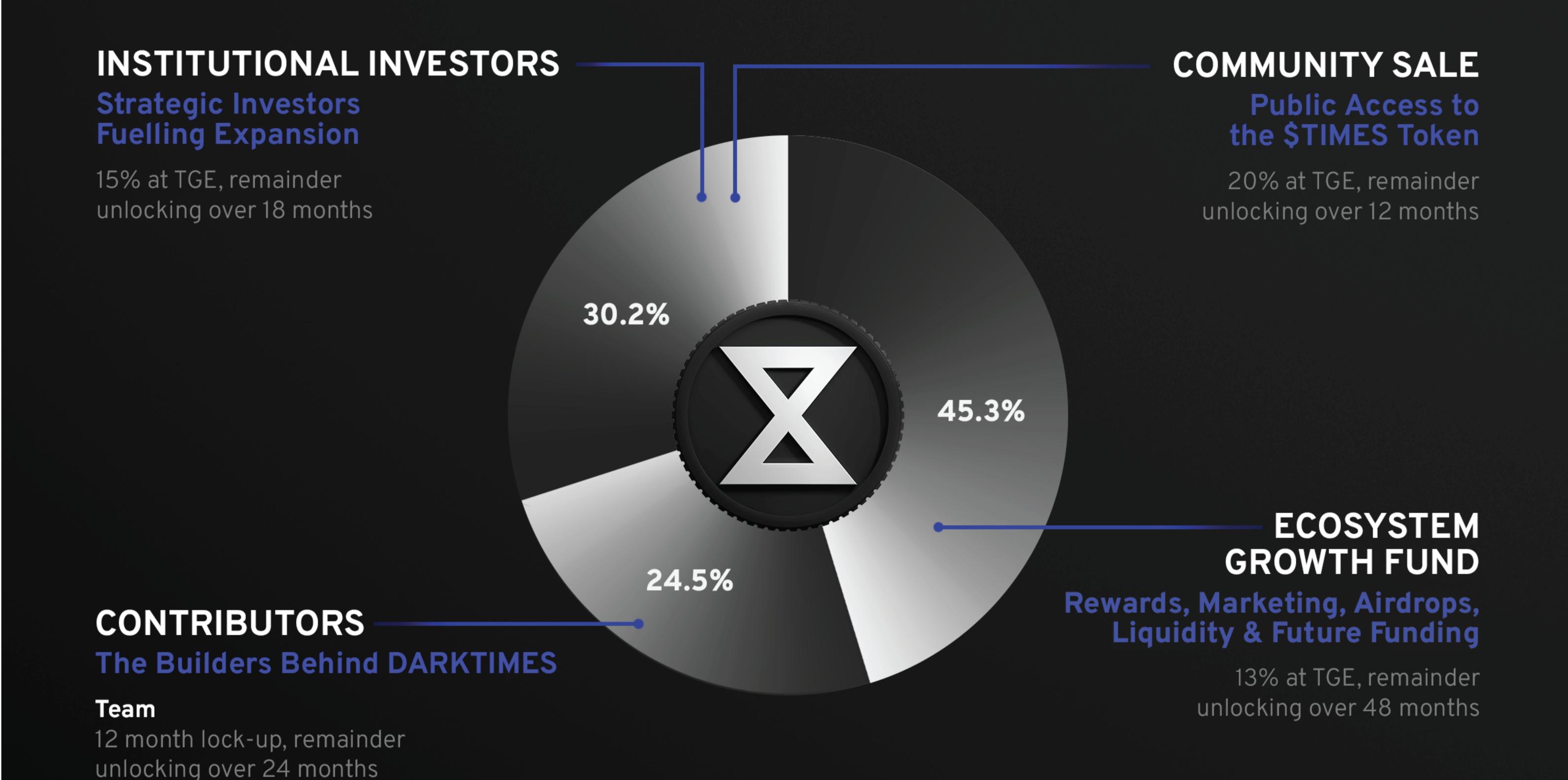
Whilst this is the heart of player acquisition, and there will always be free to play elements within the franchise, each player will require access to \$TIMES to participate in the most rewarding aspects, and to be able to participate in the **DARKTIMES** Season prizepools, which are expected to be substantial; in the hundreds of thousands, or even millions of dollars.

By working with traditional game developers to build the core game, but also leveraging the vast expertise of game designers with decades of experience in developing real-money gaming and casino-style games,

DARKTIMES combines a traditional game experience with proven psychological levers that keep players playing - in turn creating massive demand for \$TIMES.



## STIMES DISTRIBUTION



#### OKEN TREASURY

The game will maintain a Treasury function which will be responsible for holding and managing the volume of \$TIMES used within the game.

Studios & Advisors

1% at TGE, remainder

unlocking over 30 months

The Treasury will also maintain, where required, fiat balances for reward, liquidity, operational and marketing purposes. These will be accumulated either on market, via an afterburner, or from in game purchases (IAP).

On top of this, over time, players will build up \$TIMES balances within the game, absorbing \$TIMES supply from the market.

TOTAL SUPPLY **1.000.000.000** 

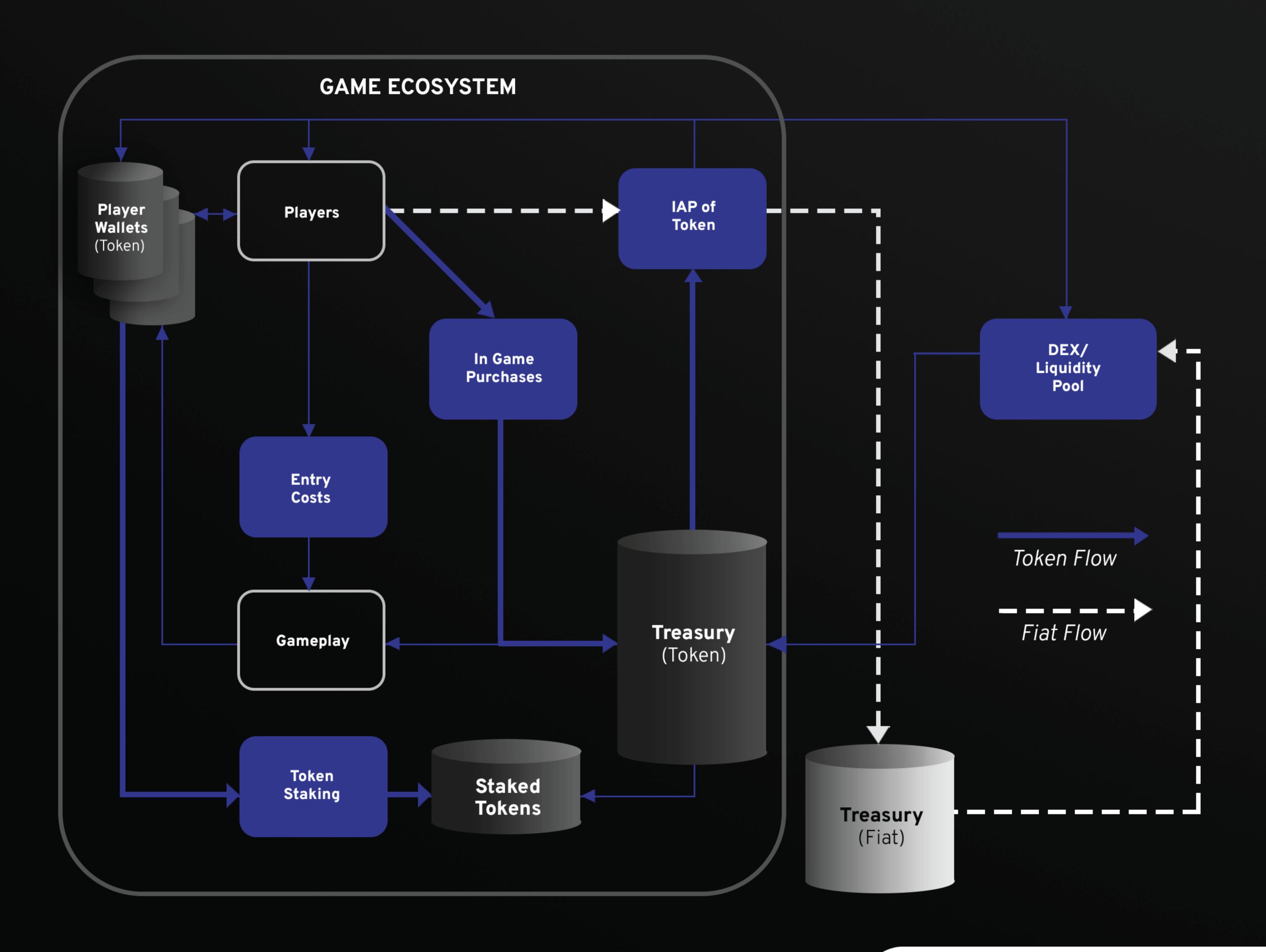
#### TOKEN TREASURY

This has been extensively modelled based on traditional game economies and known player behaviour, using industry leading economic simulation tools such as Machinations.

Players of **DARKTIMES** will be further incentivised to hold or 'pool' tokens in their wallets to receive special access events, rewards, and cosmetics, which are distributed randomly after snapshots are taken of token balances.

The Treasury will algorithmically align overall game token holdings to ensure in-game liquidity of token and also balance in-game inflation so there is price stability within the game.

The Treasury will also purchase - on market - additional \$TIMES to ensure in-game supply of token to meet game activity and turnover. This will have the added effect of driving up demand for the token, thereby increasing its value.





#### TOKEN VESTING

DARKTIMES, including Blowfish Studios themselves, have taken payment for their work in \$TIMES; all the incentives of ecosystem partners are aligned to drive the game and \$TIMES forward.

The founding team itself has an extended vesting schedule, delayed 12 months after TGE, as a show of confidence. \$TIMES is the mechanism which brings the contributors together, and ensures that the goal of a long lasting and sustainable ecosystem is a shared one.

The vesting schedule for participants in the Pre-Sale is for 20% of the token to be vested at TGE and then 6.66% each month for the next 12 months.

TGE is set for September 2024.



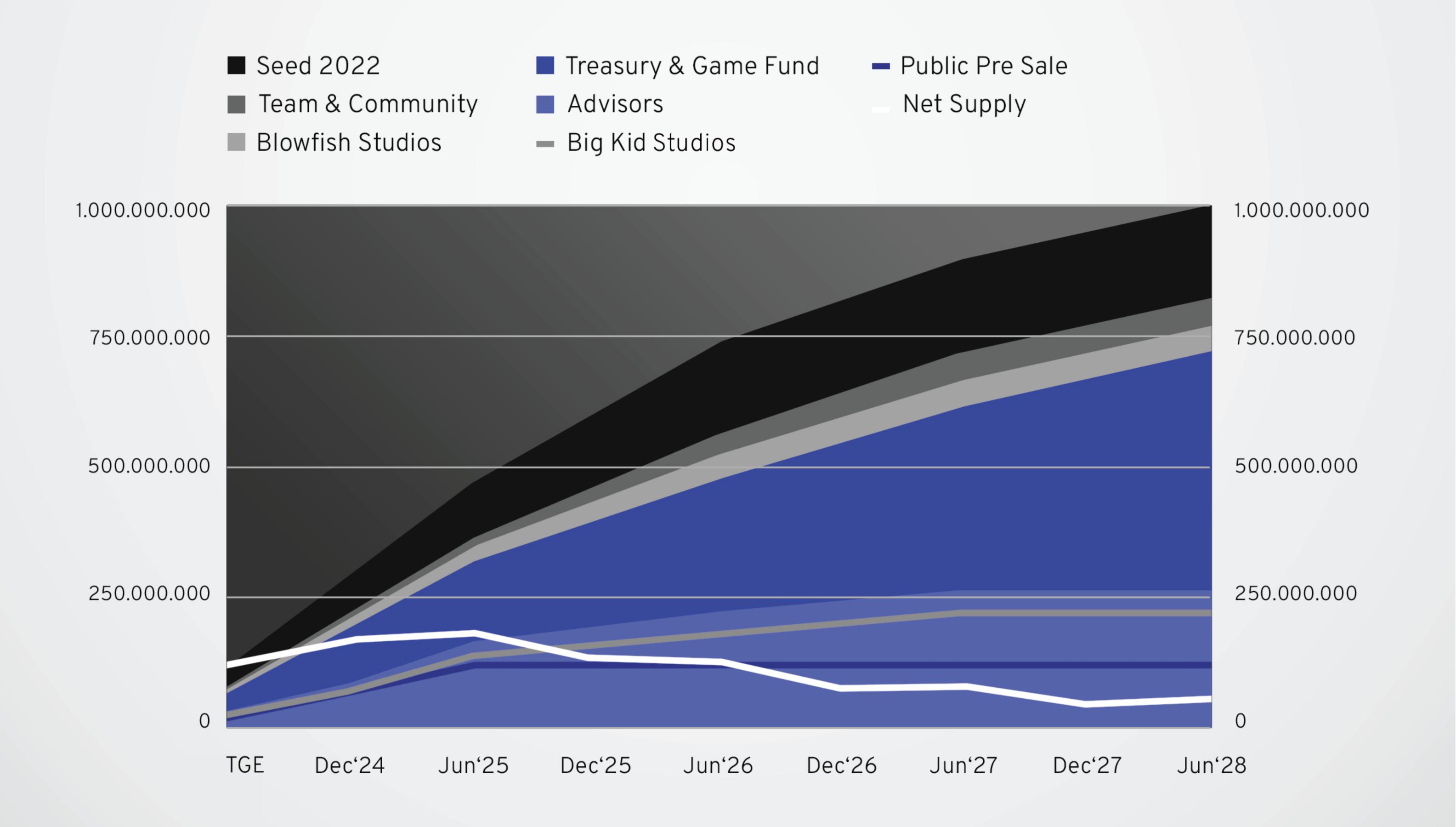
## \$TIMES VESTING SCHEDULE

Total Fixed Supply: 1,000,000,000

The vesting schedule is designed to coincide with the liquidity requirements for the game in alignment with its quarterly based seasons and projected player acquisition schedule.

This is a single fungible token system consisting of a fixed maximum supply of 1 billion \$TIMES.

The total supply of \$TIMES will be minted at genesis and vest to the community, sale participants, investors, developers, and the **DARKTIMES** treasury on a periodic basis over time.



Note: This excludes impact of Token Staking and game utility absorption.



#### TOKEN STAKING

Holders of \$TIMES will have the opportunity to stake their holdings, and are rewarded for supporting the ecosystem. Holders will be able to stake at any time, however, there will be set caps on the volume of Token that may be staked at any given time. This will facilitate an orderly market where supply and demand for Tokens are more evenly matched.

The longer Tokens are staked, the higher the return received.

#### Proposed Staking Returns

Initial Token staking will likely be available in Sept. 2024, after TGE. Two tranches of staking will be offered:

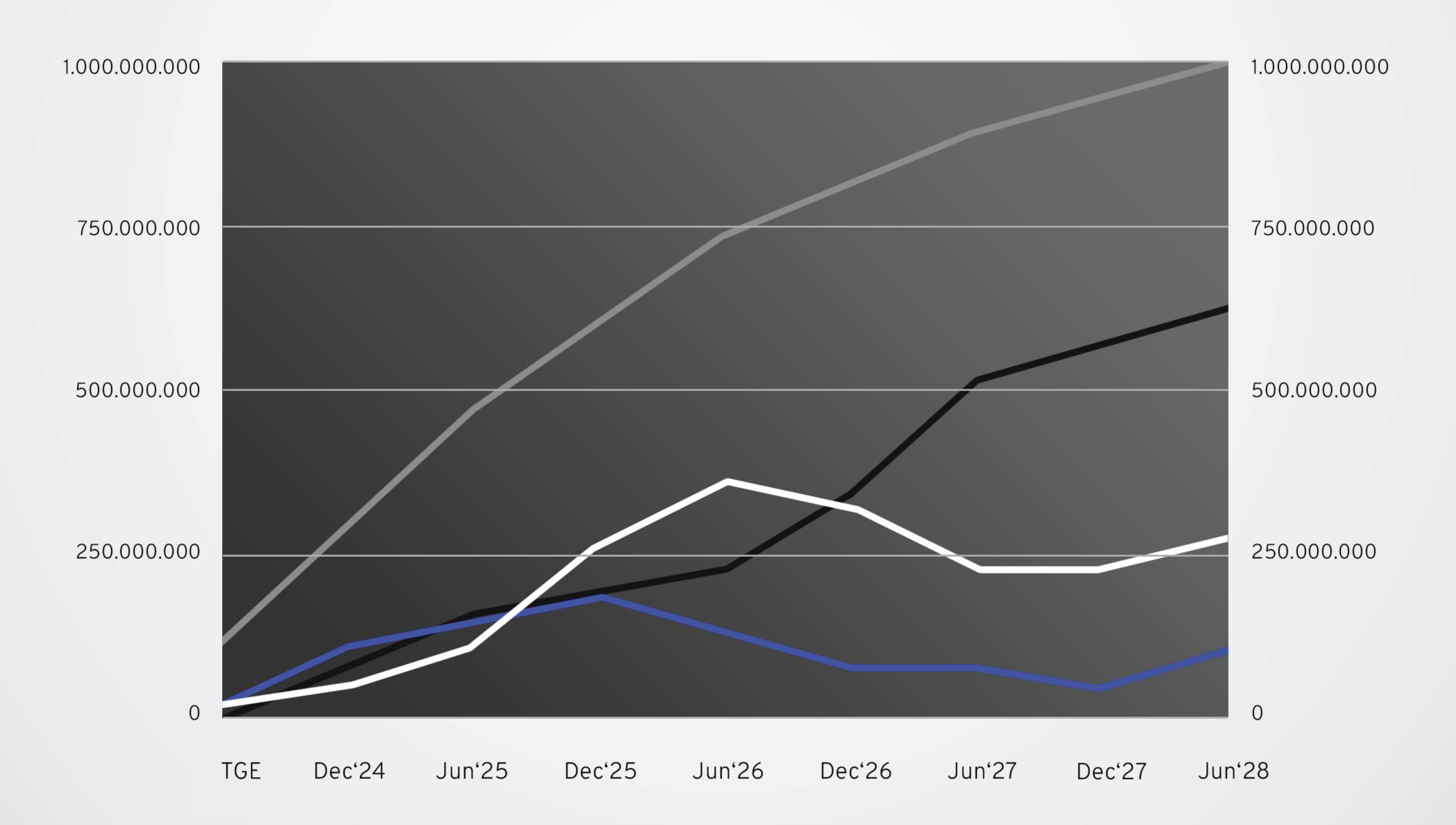
- Token staking for 6 months with an APY of 14%
- Token staking for 12 months with an APY of 18%



#### TOKEN ABSORPTION

Available token supply is actively absorbed from the market. The **DARKTIMES** game is designed to encourage players and token holders to retain balances of the token. This results in net absorption, as token is released into the market via vesting. To help smooth out this supply a generous token staking mechanism is made available to holders.

- Net Supply (with Staking)
- Net Game Absorption (Modelling)
- Total Supply
- Token Available on Market





# TOKEN REVENUE DISTRIBUTION

Net Token revenue is distributed between staking, burning, Season Prize Fund and Game Fund using a dynamic 2 stage distribution algorithm.

**Stage 1**. Allocate tokens to the Season Prize Fund until it contains 250% of the Season prize value, ensuring an additional Season and a half of rewards.

#### Revenue Distribution;

- Staking rewards 30%
- Season prize fund 70%

**Stage 2**. Once the prize fund target is met, distribute revenue between staking, burn & game fund.

#### Revenue Distribution;

- Staking rewards 30%
- Burn/gamefund 70%

The portion of revenue allocated to staking is designed to substantially cover any staking reward payout. The excess token, in effect, further removes token from the circulating supply.



## Net Token Distribution Burn/Game Fund

**DARKTIMES** leverages a novel burn mechanic as a revolutionary player acquisition strategy. Once the Season Prizepool is filled in Stage 1, the remaining \$TIMES revenue is divided between the game fund and a burn allocation using a dynamic distribution function.

This function is designed in a way that incentivizes players to not only hold their token within the in-game wallet, but to also be an active user of the game - meaning the more active players holding tokens in-game the more tokens are burnt - incentivising holders to be active players of the game, and players to be holders.



## Net Token Distribution Burn/Game Fund

**Burned tokens**;

 $BT = Re \cdot 0.7 \cdot BM$ 

Gamefund;

 $GF = Re \cdot 0.7 \cdot KM$ 

Where;

 $KM = \int_{0}^{1} x^{R \cdot C} dx$ 

BM = 1 - KM

 $R = \frac{T}{Cs}$ 

 $T = Pl \cdot \mu$ 

Where;

BM = Burn Multiple

KM = Keep Multiple

Cs = Circulating Token Supply

Re = Net Token Revenue for a given season

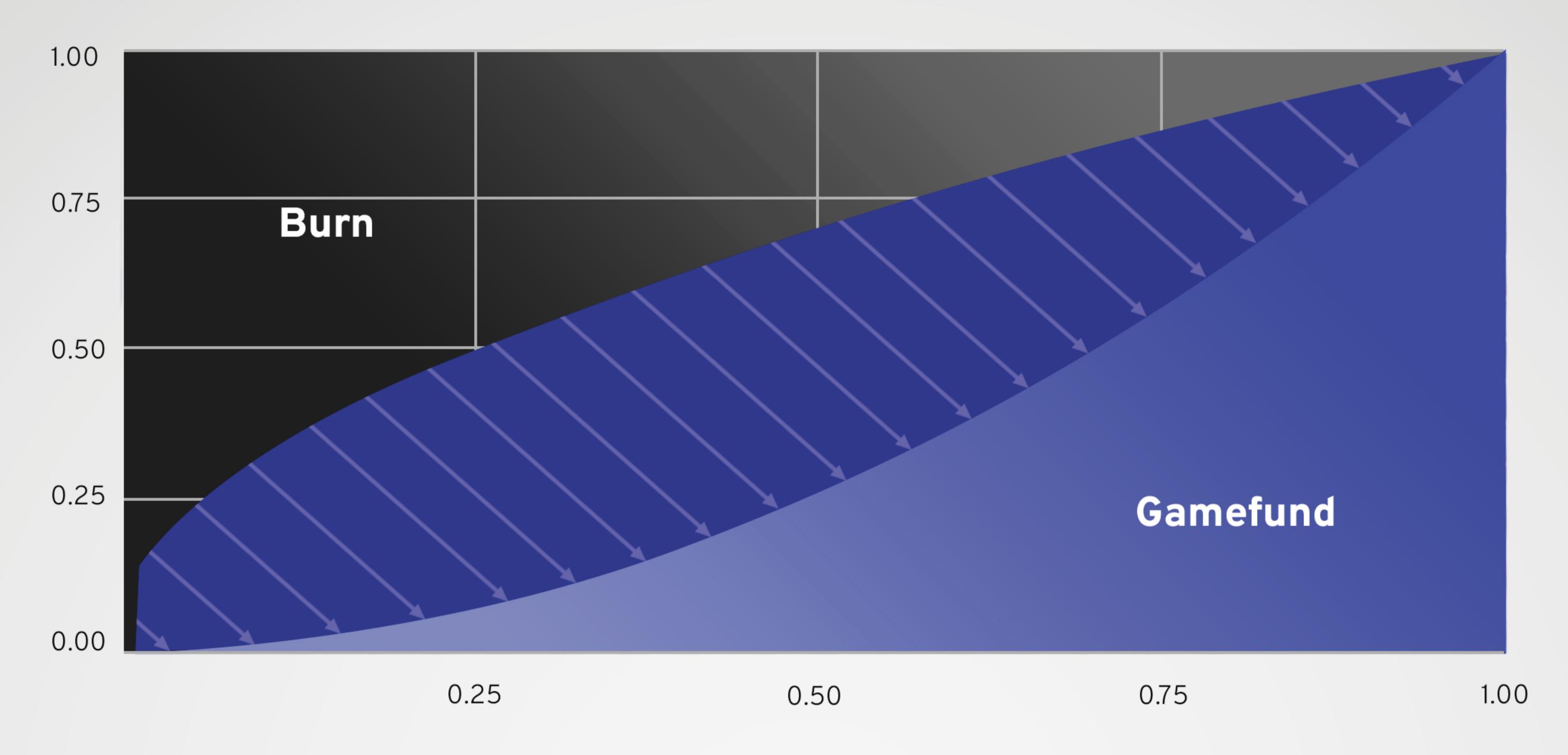
PI = Players in a given season

μ = Average number of tokens held by each player in game wallet for a given season

C = Variable that decreases regularly as **DARKTIMES** gains exposure



### Ratio of Burned to Retained Token



The more token held by active in game wallets the more token is burned.

## Impact of Burn on Total Token Supply

The amount of \$TIMES tokens that have been burnt have the effect of reducing the maximum supply permanently. The value of M is reduced at the end of every season (calculation period) by this amount, B, and included in other calculations.

$$M_{t} = M_{t-1} - B_{t}$$

Where M is Maximum token supply.



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