

Decentral Games Review (DG)



TGH SUMMARY

Decentral Games is a first of its kind decentralized Metaverse Casino that is already live on Decentraland! Decentral Games runs as a DAO revolving around the DG token, which represents the native currency of the platform as well as fractionalized ownership of the DG DAO treasury. At the moment, you can already play a multitude of casino games that you would ordinarily see at a real-world casino, like Blackjack, Roulette, and Slots! The DG platform encompasses a variety of gaming modalities including Free Play as well as play-to-earn ICE Poker, a mode which rewards players with financial incentives for completing daily Poker challenges.



For ICE Poker specifically, players are required to obtain an ICE NFT upfront, which they can either mint themselves, or receive delegation of from an existing player. ICE NFTs can be thought of as access passes that let you play at the ICE Poker tables within Decentral Games. By checking-in, playing ICE Poker, and completing daily challenges, you'll be able to earn ICE! Players receive a free allotment of new casino chips every day, meaning that as long as you hold your ICE NFT, you can keep coming back to play daily games and accumulate more

ICE. Players who accumulate enough ICE will have the chance to upgrade their wearable ICE NFTs and achieve increasingly more prestigious status.



Other than DG's ICE Poker game, all other games and gaming modes on the platform require no digital assets or player capital upfront in order to play.

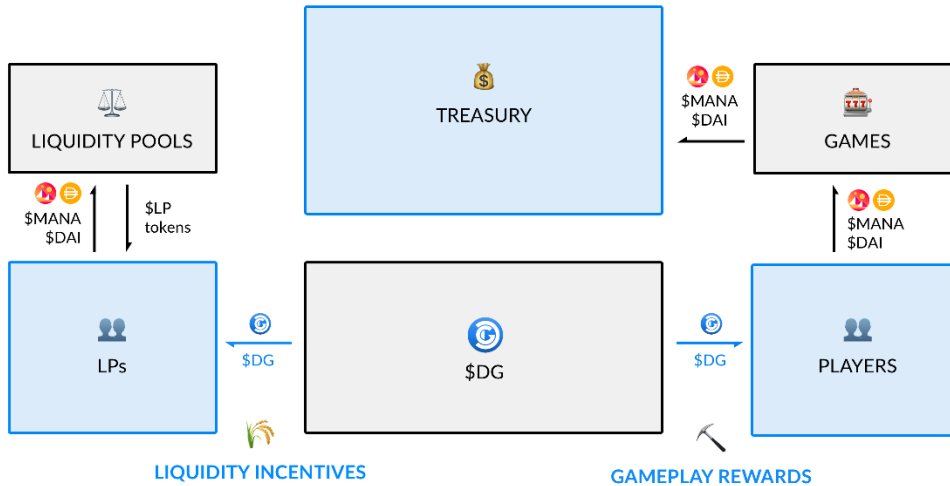
TOKEN USE CASES

The Decentral Games economy is broken up into three separate tokens, the DG token, the xDG token, and the ICE token.

DG

Simply put, DG is the governance token for the ecosystem. It entitles players to shared ownership of the DG Dao Treasury, its assets, and its growing cashflows. It furthermore, allows players to participate in the governance process, enabling them to vote on key proposals and developments and allow their voice to be heard.

The treasury is grown specifically through players playing at the casino tables; so the more that users play, the more funds available to work with to build a greater virtual casino! Decisions on what to do with treasury funds can range anywhere from the integration of new games, to changes for fee structures, to even buying new land in Decentraland to build another virtual casino (of which there are already 3!).



As shown above, DG is emitted in two different ways, as liquidity incentives and gameplay rewards. The liquidity incentive rewards are present in order to bootstrap the token liquidity and to provide coverage for any impermanent loss. The gameplay rewards are mined at variable amounts in each game, and players get rewarded based on bet sizes, just like in a real casino! The exact formula for DG mining can be seen here:

$$reward_{DG_{blackjack}}(bet) = \begin{cases} \frac{bet_{DAI} \times 1_{DG}}{5,000_{DAI}} \\ \frac{bet_{MANA} \times 1_{DG}}{60,000_{MANA}} \end{cases}$$

$$reward_{DG_{roulette}}(bet) = \begin{cases} \frac{|bet_{DAI} - win_{DAI}| \times 1_{DG}}{2,400_{DAI}} \\ \frac{|bet_{MANA} - win_{MANA}| \times 1_{DG}}{29,000_{MANA}} \end{cases}$$

The following bonuses can also be added to increase your DG mining rate:

- Affiliate bonus = 10%
- 2-player bonus = +10%
- 3-player bonus = +20%
- 4-player bonus = +30%
- NFT wearable bonus = +10% per active wearable

xDG

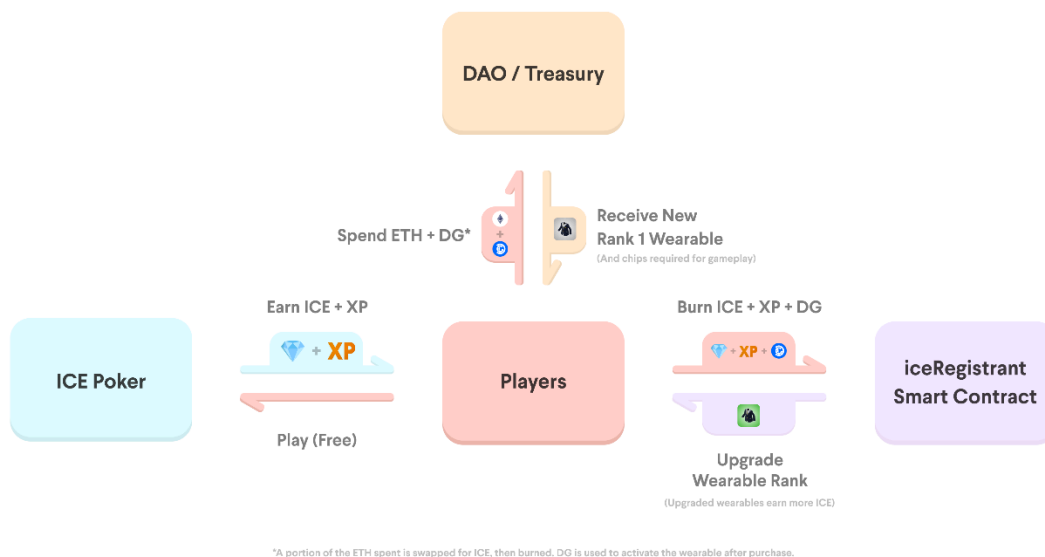
xDG is a token that is similar in principle to xSushi. By staking DG in the new Governance V2 portal, users are now able to auto compound their governance rewards using xDG.

<https://decentral.games/dg>

This is a large improvement from prior, where users would need to spend large gas fees to compound their DG governance rewards. xDG will start out as a 1:1 ratio with DG, but will increase relatively over time, ensuring rewards are compounded. Additionally, xDG will be transferrable cross chain, and already has liquidity on Polygon, for if users desire a lower fee chain.

ICE

The ICE token serves multiple functions as well; first to function as a reward mechanism for playing ICE Poker, and second as a requirement for upgrading your wearables. Overall, the ICE Poker ecosystem looks like this:



The number of Wearables that someone owns directly affects the number of Chips that they receive to play ICE Poker. The first wearable nets you 3,000 Chips per day, and each additional wearable after that, up to 5 total, gives you an additional 500 Chips/day. Remember that Chips are reset each day, so every day there's a new chance to earn ICE tokens. Lastly, you can also upgrade each wearable in order to get bonus ICE in future games! In order to upgrade your wearable, you'll need to burn ICE, which is the direct deflationary pressure to mitigate the rewards.

Full mechanics and specific reward percentage bonuses can be found at these two links:

<https://ice.decentral.games/ice-nft-wearables>

<https://ice.decentral.games/play-to-earn>

GAMEPLAY

At present there are 3 game types that are available in the Decentral Games casino:

- Blackjack: Your classic game of blackjack where you play against the house! The goal is to reach 21 without going over, and there's also doubling down for if you're feeling risky, with the option to split if you get doubles. The house advantage is approximately 0.73%, and will always hit on a soft 17.
- Texas Hold 'em: Another classic casino game where you try your hand versus the crowd. You are dealt 2 cards initially, after which each player must "ante up" in order to participate further. Players may also bet more than the ante on the first deal, either if they have good cards, or as a feint. After initial ante's, the dealer will lay down 3 cards on the table, after which the players go around making bets once again. This process repeats for both cards 4 and 5, or until everyone except 1 person folds. There are a multitude of different ways to score in Texas Hold 'em, like pairs, straights, flushes, full houses, and various others. There is no house advantage for this game because you play against other players!
- Slots: A simple yet well-loved casino game, the slot machine. Just like in a real casino, Decentral Games lets you test your luck against the odds. The house odds are ~15% in their favor, so place your bets wisely!



Each of these games is played using either cryptocurrency, or by leveraging your daily allocation of chips in the case of ICE Poker. Chips cannot be exchanged on the live market, they can **only** be used at the Decentral Games casino.

For exact rules on certain games, or for reminders:

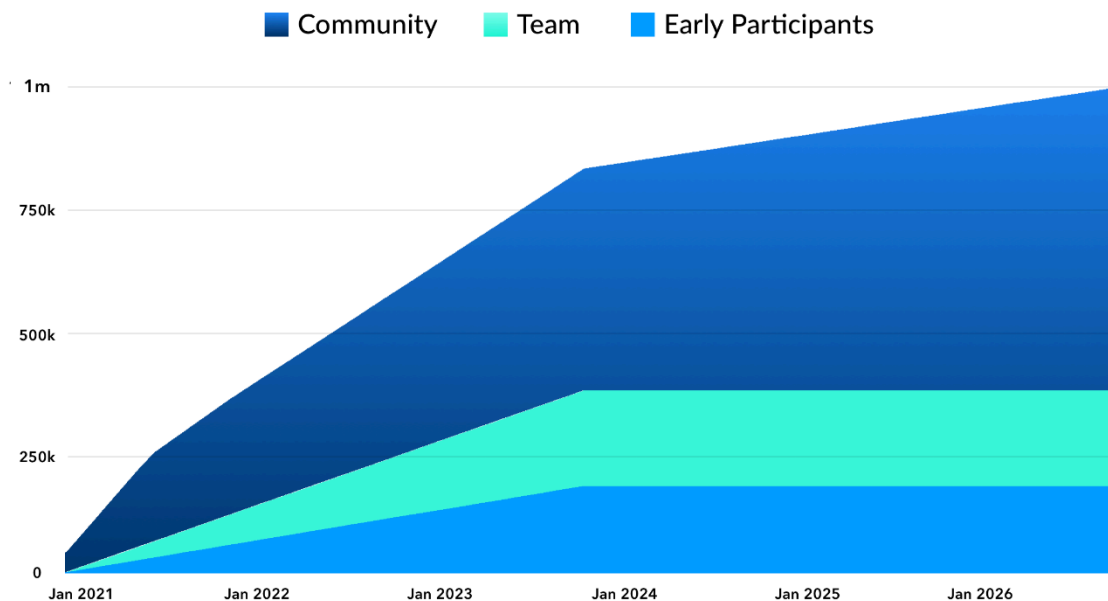
<https://docs.decentral.games/games/blackjack>

TOKENOMICS

DG Tokenomics

Total Supply: 1,000,000,000 DG that is locked and minted over 6 years

- 62% or 620,000,000 tokens for Community Rewards
- 20% or 200,000,000 tokens for the Team
- 18% or 180,000,000 tokens for Early Participants



Decentral Games has one of the most heavily weighted tokenomics in favor of the community. With 62% of the tokens dedicated to the community itself, there are very few, if any, protocols that come close. By heavily incentivizing actual gameplay with rewards, the long term growth has strong fundamentals. Since a vast majority of tokens will be minted exclusively to the people involved in the community and those playing, DG has set itself up to prosper.

Important Note: The DG token recently underwent a token split of 1:1000. The recent split has performed great, and you can find more info on the details of the split [here](https://decentral.games/blog/dg-token-split-governance-v2-and-liquidity-pool-updates):

<https://decentral.games/blog/dg-token-split-governance-v2-and-liquidity-pool-updates>

ICE Tokenomics:

ICE was launched differently from DG in that 100% of the entire supply was minted and provided as a community incentive to play ICE Poker at Decentral Games. The breakdown of the ICE tokens is as follows:

- 90,000,000 ICE minted to the DG treasury and the IceKeeper contract for paying out users who complete challenges with their daily chips
- 10,000,000 ICE minted to the DG treasury for settling direct wages in ICE in game
- 50,000,000 ICE added to liquidity, paired with funds raised during the initial ICE NFT sale. The NFTs were purchased with ETH, liquidated into USDC, and paired with ICE to provide initial liquidity.

Since there are no other tokens dedicated anywhere else, ICE will be a token completely in the hands of the players, and is as easy to earn as playing cards!

ICE NFTs:

The ICE NFTs are, at present, highly rare NFTs that only have a supply of 1,500. There have been 3 separate mints of 500 ICE's, with each future mint publicly announced via the social channels. The 1,500 mints have sold out so far, however if you want to play before the next mint, you have two options.

The first option is to buy through secondary markets, these can be seen here:

<https://market.decentraland.org/browse?assetType=nft§ion=wearables&contracts=0xcb06f6aee0655252a3f6f2884680421d55d3c645>

Players also have the option to receive a delegated wearable. Delegation is similar to sponsorship in Axie Infinity, where the player who owns the ICE NFT is able to delegate their NFT to another player! This means that players who don't own an NFT can still have the option to play, receiving 70% of the ICE rewards for their skills, while the owner of the ICE earns 30%. The delegation system is a major part of the Decentral Games ecosystem because it allows for a free to play experience where even those with low capital can begin their journey!

THE TEAM

The team behind Decentral Games has grown extensively over the years and now includes over a dozen individuals, each with their own skills and assets that they bring to the group. The team is led by Miles Anthony and his core team; all have shown time and time again that building a decentralized casino, owned by and built for, the players, is their dream. If you're looking for an online casino to earn real cash rewards, all while playing in the metaverse, there's no one better developers and no better product out there.

ROADMAP

Decentral Games is one of the few protocols that has actually completed its original long-term roadmap, and is now fully functional as a DAO. In general, the plan is to release more ICE mints over time in order to grow the player base of the casino, and to complete the poker aspect of the casino!

Since the protocol now functions as a DAO, any future goals will be determined by proposals made via DG holders themselves. If you have any ideas for new games, new mechanics, or maybe a new casino plot, being a holder of DG gives you that chance.

RESOURCES

Ticker – DG

- Total Supply – 1,000,000,000
- Circulating Supply – 375,464,000
- Contract Address – 0x44c21f5dcb285d92320ae345c92e8b6204be8cdf
- Decimals – 18
- Dextools –
<https://www.dextools.io/app/ether/pair-explorer/0x44c21f5dcb285d92320ae345c92e8b6204be8cdf>

Ticker – ICE

- ICE Supply – 142,188,370
- Contract Address – 0xc6c855ad634dcdad23e64da71ba85b8c51e5ad7c

- Decimals – 18
- DEXTools –
<https://www.dextools.io/app/polygon/pair-explorer/0xb210c8ad94b776a67d9130c69cee96176e2bca74>

Website – <https://decentral.games/>

Resources – <https://docs.decentral.games/>

Twitter - <https://twitter.com/DecentralGames>

Telegram – <https://t.me/decentralgames>

CATALYSTS

- LIVE, Decentralized, Free-to-Play, Play-to-Earn Casino in the Decentraland Metaverse
- 3 Casinos built throughout Decentraland, all with different designs, art, and games!
- Multiple classic casino games like Blackjack, Texas Hold ‘em, and Slots!
- DAO proposals can be made by holders DG tokens (for new games, fee mechanisms, treasury spending, etc.)
- ICE NFTs that act as access passes in order to play at the DG tables every day with new chips!
- Continuous development on new casino games
- Development of a forthcoming mobile app is in the works
- ICE is live on Polygon, offering low fees and high TPS for players
- Partners with massive names in the space, including Polygon, Maker, and Binance; additionally partnered with Atari, one of the largest and most famous gaming companies in human history
- More ICE NFTs arriving soon, with ICE Tutorial videos in the making
- Metaverse oriented, one of the fastest growing sectors in crypto