

# BogTools **Lightpaper**

AN INTRODUCTION TO BOGTOOLS, \$BOG, AND THE BOG ECOSYSTEM

🏠 [bogtools.io](https://bogtools.io) | 📄 [bogtools](https://bogtools.io) | 🐦 [@bogtools](https://twitter.com/bogtools) | 📺 [r/bogtools](https://www.youtube.com/channel/UCr/bogtools)

*“He bought? Pump it.”*

## **BogTools and the Bog Ecosystem** \_\_\_\_\_

BogTools is a BEP-20 protocol which provides decentralized on-chain oracles and code execution on the BSC blockchain. Every transaction of the associated currency, the \$BOG Token, allows the oracles to observe events on the blockchain and execute smart-contracted code accordingly.

The Bog Ecosystem consists of deployable individual contracts, bogtools, on the BSC blockchain that connect to hooks built into the \$BOG transaction system, allowing for code to be executed as \$BOG transactions are conducted. As \$BOG transaction volume increases, the Bog Ecosystem will get closer and closer to running on the blockchain 24/7—BogTools is unique in that it is the first ever implementation of such a system.

## **Deployable oracle-dependent smart contracts: bogtools** \_\_\_\_\_

Easy to use interfaces will be built that will allow developers and overall users of the BSC blockchain to deploy bogtool contracts to perform tasks continuously on the blockchain. Our team is currently focused on implementing the following deployable bogtools:

**BogRNG** Verifiable random number generation using a cryptographically secure off-chain function, which will be sent to the oracle when a user requests randomness. The off-chain oracle will callback the requester with the random number, wherein it can be hashed and compared with the number already stored on-chain to ensure the random number has not been manipulated in response to the user request. This can be used for many scenarios: ARGs, casino games, lotteries, and more.

**BogLimit** The on-chain oracles will, for a small fee, allow users to place limit orders on Pancakeswap and other BEP-20 DEXes. These orders execute in the same transaction as the oracle price updates, so limit orders can be fulfilled as soon as the token price reaches the designated amount unlike other solutions which may miss out on orders if the transaction cannot be submitted and mined in time.

**ARG** BogTools allows gamification of any token by executing code on the blockchain. BEP-20 token creators will be able to add interesting and exciting game elements to their transactions. Bogged, our proof-of-concept ARG, has already had its first and second phases deployed, which involve an ancillary token (NGMI) that is sent to sellers of BOG, as well as Sminem, a tradeable, customizable NFT which prevents accumulation of NGMI tokens. Further phases of the ARG will involve both of these tokens and more game elements.

**NFT Marketplace** A space for NFTs to be minted and traded. NFTs may not only have speculative value, but can use bogtools to interact with other tokens and NFTs. Our first proof-of-concept NFT set, Sminem, has already been distributed, and further sets are in the works. BogTools NFTs use deployable bogtools to execute contracts for potential gamification and other features which produce use value. For example, certain NFTs could give discounts on a product, give access to exclusive areas of a website, or allow owners to purchase other, rarer NFTs or tokens.

**BogCharts** BogTools Oracles provide live price updates for any BEP-20 token to produce reliable current and historical price data. Current charting solutions on BSC lag behind the true price, and many require purchase of tokens to access. With BogCharts, chart deployers will pay a fee in order

to establish the bogtool for their token, shifting the price off of retail investors and allowing quicker and more widespread access to price updates. Our solution will take the form of a deployable on-chain BogTools Oracle to monitor the price of any token, paired with a UI package to produce charts that bogtool users can self-host on their token website.

## **\$BOG Tokenomics**

---

The BogTools Token, \$BOG, and associated contract are the key to the Bog Ecosystem. All components of the Bog Ecosystem are unlocked through \$BOG use. Initial supply of 2,500,000 BOG. Current supply is about 2,400,000 BOG.

At present the tokenomic model includes a 4.5% fee on all transactions: 4.4% is distributed proportionally to liquidity providers, and 0.1% is burned. As BogTools are deployed, transaction fees will be reduced and the liquidity staking rewards will instead come from fees from bogtools deployers. To ensure long-term survival of the token, the 0.1% burn-rate will be in due time reduced to zero.

To prevent large transaction fees, the team will be deploying a load balancer to ensure that BogTools executions are spread across transactions and the gas prices do not rise to untenable amounts.

## **Governance**

---

While many tokens claim to be community run, BogTools has the rails built in to enable community governance. The BogTools fees are modifiable and once enough holders are reached we will move to using a Governance Contract that will allow \$BOG token holders to vote on any changes.

