

**BLACK EYE
GALAXY**

Explore, Build and Create

WHITEPAPER

www.blackeyegalaxy.space

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1. Introduction to the Black Eye Galaxy Metaverse

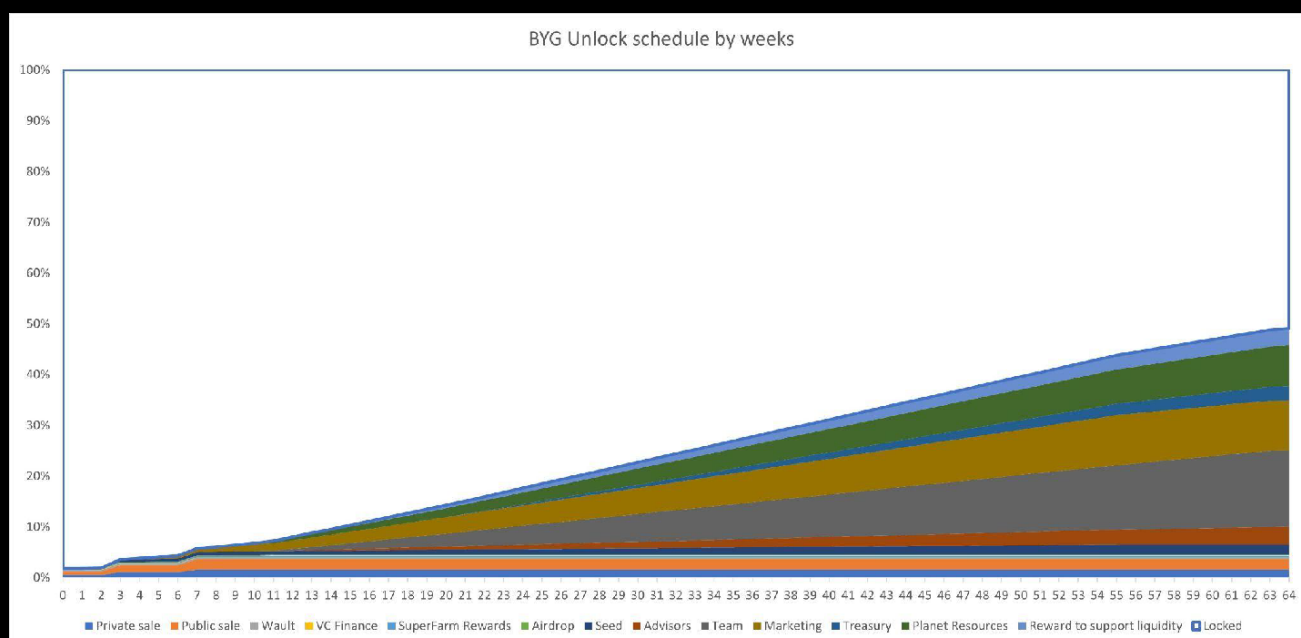
Black Eye Galaxy [BYG] is a Metaverse designed to create a space exploration experience for its members. BYG offers many assets from planets to spaceships and buildings – all tradeable, transferable and truly owned by the player. BYG is a Play-To-Earn game meaning that just by doing tasks in-game the player will be rewarded BYG tokens – a native currency of our Metaverse.

BYG runs on Binance Smart Chain primarily, since BSC offers very fast and cheap transactions which makes the game more accessible to more people. However, to attract even more players BYG will be integrating all mainstream Layer-1 Blockchains in its gameplay, i.e. Ethereum, Solana and etc.

1.2 BYG Token

BYG Token is a standard BEP-20 token which will be used as the main currency for all transactions – the player will be buying and selling NFT assets for and with BYG, the player will also earn rewards in BYG token for completing various tasks.

BYG Token has a total supply of 500 Million on Binance Smart Chain (500, of these 500 Million not all tokens are in circulation immediately, here is a schedule of all the token unlocks:



1.3 NFT Assets

BYG uses the Non-Fungible tokens to manage all its Metaverse assets, meaning that every planet, spaceships or building can be bought, sold and traded by the player and kept in his own wallet – decentralized as it should be.

NFT assets are not the common tokens that can be traded on common DEXs like PancakeSwap, thus BYG will use its own NFT marketplace in which all the aforementioned assets will be bought and sold using the native BYG Token.

Our current NFT assets are:

1. Planets and Spaceships (Built using ERC-721 standard).
2. Star Alliances (Built using ERC-1155 standard).

2. Metaverse In-Depth

2.1 Star System Clusters

A star system cluster is a separate cluster of star systems. Each cluster is dedicated to one Layer-1 Blockchain, starting with cluster S0-1 reserved for Binance Smart Chain.

A total of 8 such Star Clusters will exist allowing BYG to integrate 8 different Layer-1 Blockchains into its gameplay.

2.2. Planets

The main focus of all gameplay is the Planet, there are many types of planets – [you can find the classifications here](#).

Different planet types offer different opportunities. These planets are the main way to earn BYG Token via resource mining. Each planet will have different amounts of valuable resources and will net the player different amounts of BYG Token.

Planets will have their own details such as:

1. Name (Can be changed by the owner).
2. Cosmic Address.
3. Earth Similarity Index (Dictates whether the planet is habitable).
4. Resource mining difficulty (Easy/Medium/Hard).

On mineable planets the player will be able to build various building to help them in the process of mining and thus making it more effective – netting the player more BYG Tokens.

On habitable planets the player will be able to start his own civilization. Such planets will have plots of land that can be sold to build cities, many different buildings and evolve the planets population.

2.3 Spaceships

To get around in space you obviously need a Spaceship. BYG will offer 2 types of spaceships at the beginning of gameplay:

1. Exploration Spaceship
2. Cargo Spaceship

All ships will have main characteristics such as:

1. Type (the two mentioned before – exploration or cargo).
2. Flight Range.
3. Class.
4. Percent of Damage.
5. Model specific details (i.e. fuel consumption).

2.4 Timeflow in the Metaverse

One Metaverse year is equal to 24 hours in our time so for example, if you need 7 years to reach a planet that means it will take you 7 days of our time.

2.5 Planets and Resource Mining

When you buy a planet the first thing to do is to discover the planets' natural resources. This is an operation that requires a specially equipped Geo-exploration spaceship. Later those ships will be available to buy, but for now this service is executed by Iris fleet and you just pay for that

To start mining you need at least 1 mining station. Open Additions tab and decide what you want — build a factory and make building of mining stations cheaper and faster, or build mining station right away. If you don't have a local factory you need to wait and pay for delivery (a total you see in Basic price). Delivery price and time depends on the distance from the planet to Iris

Keep in mind that the more mining stations you have the faster resources will be mined. You can start with one station and later build other (max 3 total per planet).

2.6 Spaceships and Space Exploration

Cargo ships

Cargo ships transport mined resources from planets to the marketplace on Iris. Planet owners pay 25% fee from mined resources to cover transportation cost. Earned money is distributed among all cargo ships that are leased to cargo.

Discovery ships

To send your ship on a discovery mission you should press the button Start the flight and choose an available destination.

Remember that flight is limited with flight range, so most probably you will have to make 1–2 flights to reach discovered part of galaxy before you will get undiscovered stars among available destinations.

Several discovery ships can start discovery flight to the same undiscovered Star systems, in this case those who will reach star the first will discover it, the rest will just reach discovered star.

Keep in mind that after each flight, the ship will get some percent of damage. After reaching 70% of damage, cargo ship will not get any rewards for freight staking and discovery ship will not be able to fly to undiscovered stars. At this point you need to flight back to Iris and repair your spaceship.

2.7 Building types

Planet owners will be able to build a selection of various buildings.

Buildings price is made up of two parts - Delivery and Building costs. Building cost is a default price paid for construction and building service.

Delivery is more nuanced - since building parts are bought from Civilizations with Factories, delivery price will vary based on your range from the Civilization you're buying parts from. Since at the beginning there will be only one Civilization - Iris, your price will depend on your range from the Iris planet.

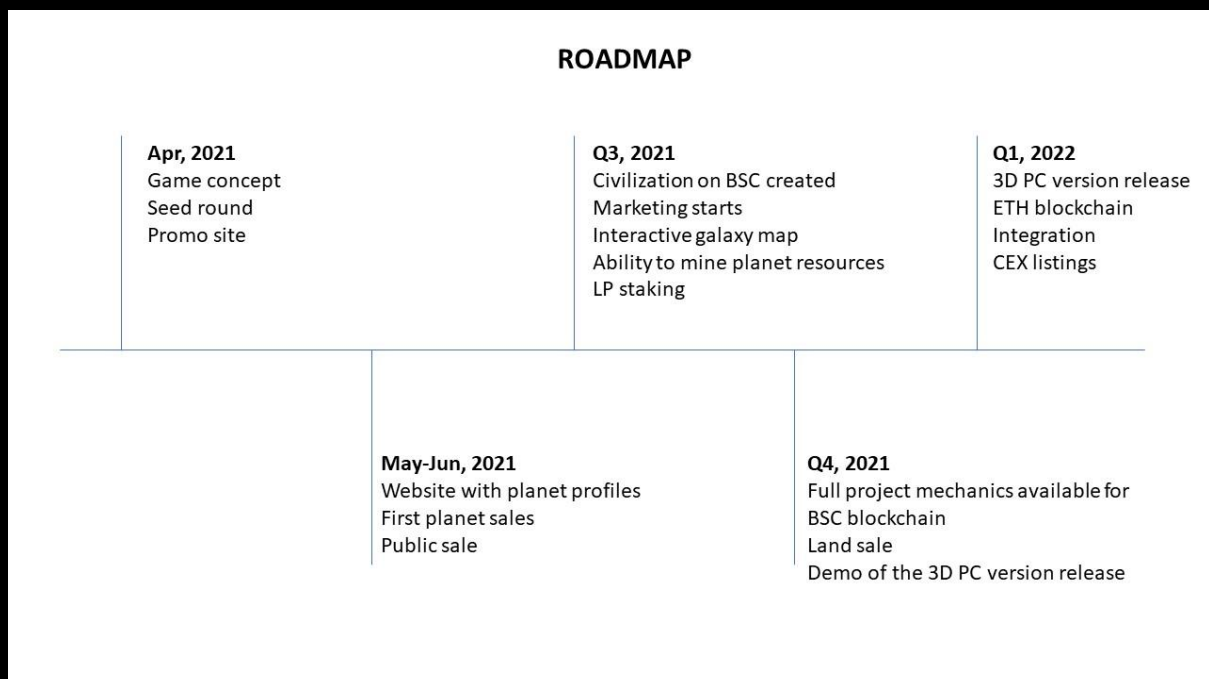
On launch the player will be able to build 2 types of buildings:

1. Factories
2. Mining stations

Factories are buildings capable of producing parts for other buildings locally, thus eliminating the need to pay for delivery and wait for it, saving the player both money and time.

Mining Stations help you mine your planets' resources faster, these stations will have a number of cargo drones which do the mining and bring the player valuable resources. A planet can have multiple Mining Stations, each reducing the mining time.

3. Roadmap



4. Our Team

Yevgen Balter, Founder, CEO <https://www.linkedin.com/in/yevgen-balter-5367041/>
Has a 20y background as a CEO, VP of Engineering and CTO in different IT companies, built and sold successful SaaS startup operated with thousands of customers.

Andriy Klymenko, CTO <https://www.linkedin.com/in/aklymenko/>
Experienced CTO with 15y experience in building enterprise and high-load software solutions. Crypto evangelist and investor.

Usman Ali, Marketing Lead <https://www.linkedin.com/in/usman-ali-455062135/>
Experienced marketer and crypto analyst with 5y of experience in the crypto market. Successfully built 50k+ communities for several projects.

The core team consists of members from Ukraine, the U.S. and other countries, with work experience at world-renowned Fintech and IT companies. The team has extensive and successful experience in building and marketing blockchain based financial products.

5. Social links & Contacts

Site: <https://www.blackeyegalaxy.space/>
Twitter: https://twitter.com/blackeyegalaxy_
Telegram: <https://t.me/blackeyegalaxypublic>
Medium: <https://blackeyegalaxy.medium.com/>