METAFLORA

Powered by GALA

Tokenomics

2.0 EARLY RELEASE

V4

> **FLORA token is the native cryptocurrency of the MetaFlora platform.**

Symbol: FLORA
Max Supply: 1 Billion
Issuance Type: Node Mint Allowance
Consensus Type: Proof of Authority
Standard: ERC-20 & GalaChain
Token Utility: Customer purchases, fees, rewards, DePIN incentives, burning

FLORA Token Utility

Whether it is strategic industry partners or cannabis enthusiasts, the MetaFlora token will assist the MetaFlora Marketplace, Hub, and community platform in leveraging Web3 benefits.

The FLORA token comes with several features, including ecosystem on-chain transactions, access to exclusive content, advanced feature of MetaFlora AI and product economy rewards for a variety of community activities. A easy to use structure for all participants that can get benefits and access to various services, products and experiences. Here's a wider list:

- Purchasing various products and services from the platform and the partners involved.
- Rewards & fees for creating plant DNA databases and legacy quality DNA databases.
- Engaging in community building activities on platform, forum, and social media.
- Rewards for operating Nodes, as well as hosting data on IPFS.
- To provide industry reports, data, and expertise services.
- Referral & reward systems for all MetaFlora members.
- Popularity and tiered systems for recognition.
- Governance votes.

> **Take a look at**
> **Overview Deck**

Ecosystem Rewards

Each group within the MetaFlora ecosystem receives rewards tailored to the extent of their involvement and contribution. These groups consist of members of the community, connoisseurs, master growers, licensed industry members, consumers, and academics/ medical professionals. In addition, each of these groups deserves a specific boost for specific activities that contribute to the growth or utilization of the ecosystem.

Hosting Data

Node owners receive rewards based on the volume and type of transactions processed through their nodes. Additionally, nodes that host genetic data are rewarded when the data is streamed, with bonuses for real-world product scans. The mechanism encourages and ensures the availability of valuable genetic information within a decentralized infrastructure by incentivizing the hosting of genetic information on IPFS.

Data Contributors

Data contributors receive rewards based on their contribution to creating MetaFlora plant genetics databases. The platform encourages the addition of quality strain data, reviews, reports, cultivation methods, etc. High-value contributions such as significant genetic data creators or highly demanded strain reports will deserve more rewards.

Community participation

Community members receive rewards based on their involvement and contribution to the ecosystem's growth or utilization. Content creators have a special place in this section, which offers incentives for producing informational or engaging content. This involvement and contribution is expected to take place on a variety of platforms, including the MetaFlora platform and forum, social media as well as beta testing.

Receiving Rewards

All rewards are distributed through the Mint Allowance. The MetaFlora token issuance system built on GalaChain controls the issuance of new tokens to each ecosystem participant's GalaChain wallet. More details in Tokenomics.

Referrals Legacy Data & More

Detailed information regarding referrals & rewards, popularity & tiered algorithms, strain rarity, the Legacy library, and NFTs related to Legacy data will be provided in the whitepaper during 3Q 2024.

Burn Mechanism

The MetaFlora tokenomics system comes with a token burning mechanism. By burning tokens, tokens are effectively removed from circulation, but they are not removed from the total supply of tokens.

Due to the fact that the algorithm responsible for daily token issuance monitors the supply of minted tokens, as well as those on Mint Allowance accounts, the daily issuance amount of tokens will not follow the Daily Token Issuance curve presented in this document in its entirety.

E-shop Burns

In addition to regular spending burns for purchases on the MetaFlora e-shop, the FLORA token can be burned for various promotional, advertising and marketing campaigns hosted on the platform by MetaFlora's partners.

Data dashboard, AI and Knowledge Hub Burns

In addition to regular purchases on the MetaFlora marketplace, the FLORA token will be able to be redeemed for various promotional and marketing campaigns offered by MetaFlora's partners advertising on the marketplace.

Transactions Burns

The MetaFlora ecosystem can have a small burn rate for transactions.

Data Creation and Tracking Burns

During the creation of Strain Tokens or Genetic Data Artifacts, a portion of the tokens can be burned. Another burning can come from tracking. These valuable and trusted data, like lab report will be displayed on MetaFlora platform. Users will be verifying the products purity and quality for example via QR codes. This website traffic metrics can be offered to buy to release market alpha for producers, sellers and industry investors.

Treasury Burns

MetaFlora and the community can determine how to vote and whether a predetermined amount of FLORA tokens will be burned from the Treasury. It could be related to specific milestones within the ecosystem, such as the addition of a significant number of new strains to the Legacy Library.

Burn-&-Mint Bridge

The Burn-&-Mint bridging mechanism will be implemented when the FLORA token is deployed on both Galachain & Ethereum. The Burn-and-Mint bridge ensures that FLORA tokens are bridged securely between both chains, while preventing the creation of a central point where significant funds can be held that can be exploited by hackers in the event of a weak security system.

The bridge contract will be adopted directly from the Galachain Creator Platform. Here is the current Galachain Bridge Contract Address.

*Please note that a $GALA on GalaChain and a $ETH on Ethereum network will be required for bridging as gas fees.

Compliance & Token Security

MetaFlora Node participants and Node operators may earn or receive the MetaFlora Reward. The "MetaFlora Reward" consists of a representation of FLORA token, or other tokens and NFTs, reflected on the blockchain and/or MetaFlora ecosystem.

The MetaFlora Reward is a digital reward and not a security token. The MetaFlora Reward is not being offered to investors and there is no Initial Coin Offering (ICO) to promote the MetaFlora Reward. The company does not have any staking plans at this time, but this may change in the future according the situation with a regulatory compliancy.

GalaChain Contract

The first token contract will be deployed through the Gala Creator Platform. This way, FLORA will follow the best standards available at the time.
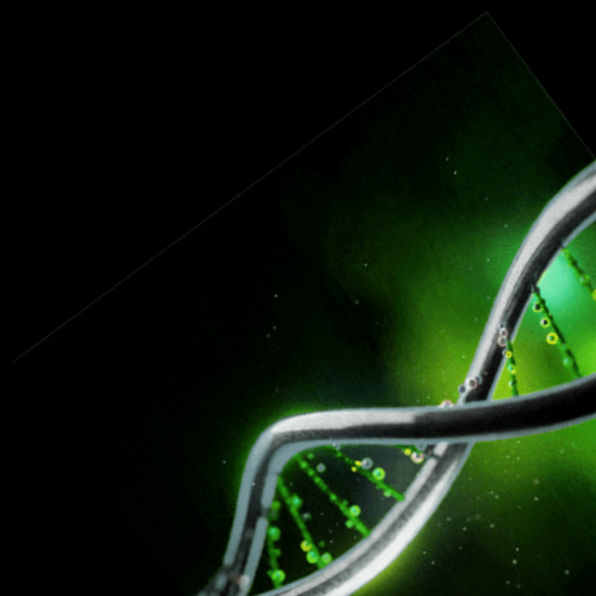
Ethereum Contract

The second token contract will be copied and tweaked GALA V2 contract on Ethereum network. This will create one of the most secure token in the entire Web3 space, as the original contract is already ranked third on the Certik Security Leaderboard.

Community Feedback

MetaFlora will continuously gather community feedback and incorporate it into our development process in order to refine rewards, community relations, eligibility criteria, utility tokens, and NFTs.

Using the Proof of Authority consensus method, MetaFlora will allow node owners to vote on a variety of issues. Also, FLORA holders have predefined voting power compared to Node owners. This allows FLORA holders to influence the direction of the ecosystem in certain votes.

Token Issuance & Optimization

Daily token issuance is scheduled for 10 years with smooth regression. Issuance algorithm is optimized with burning mechanism. This will allow MetaFlora to smoothly move from rapid expansion to sustainable development and then to ecosystem balance.

Daily Issuance For Each Allocation Category:
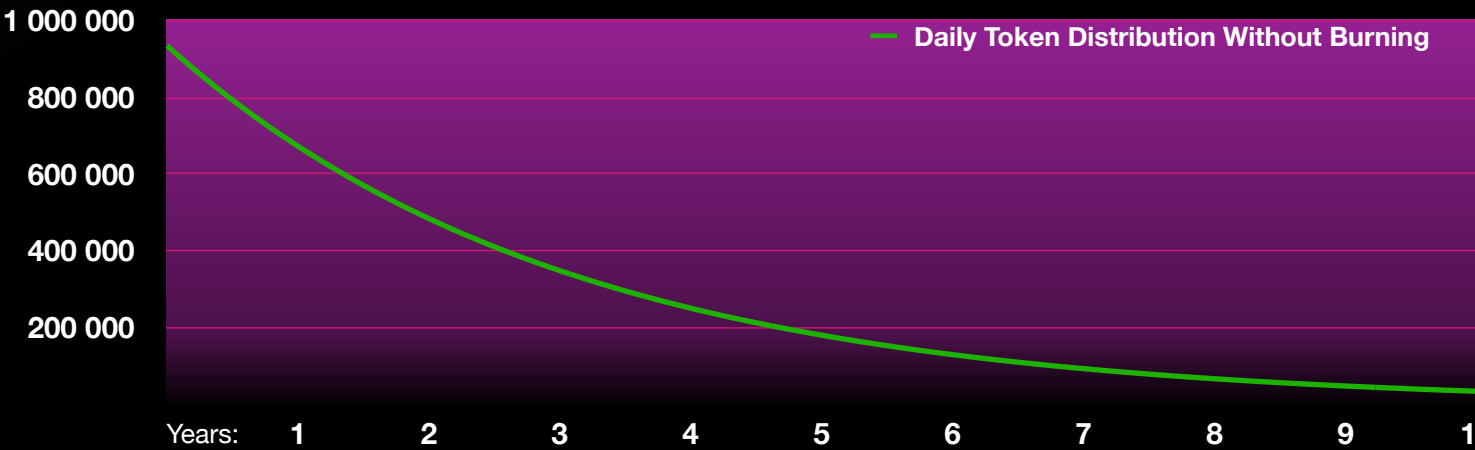
$$I(t) = I_0 \cdot e^{-kt}$$

$I(t)$ - Issuance rate at day t.
I_0 - Initial issuance rate.
k - Decay constant.

Community Allocation Categories

These allocation namely Action & Scanning, On-chain Asset Holders, Contributors Rewards, and Genetic Lineage Rewards, will have additional layer of tokenomics mechanism applied.

This extra layer will make the ecosystem more robust and flexible at the same time.
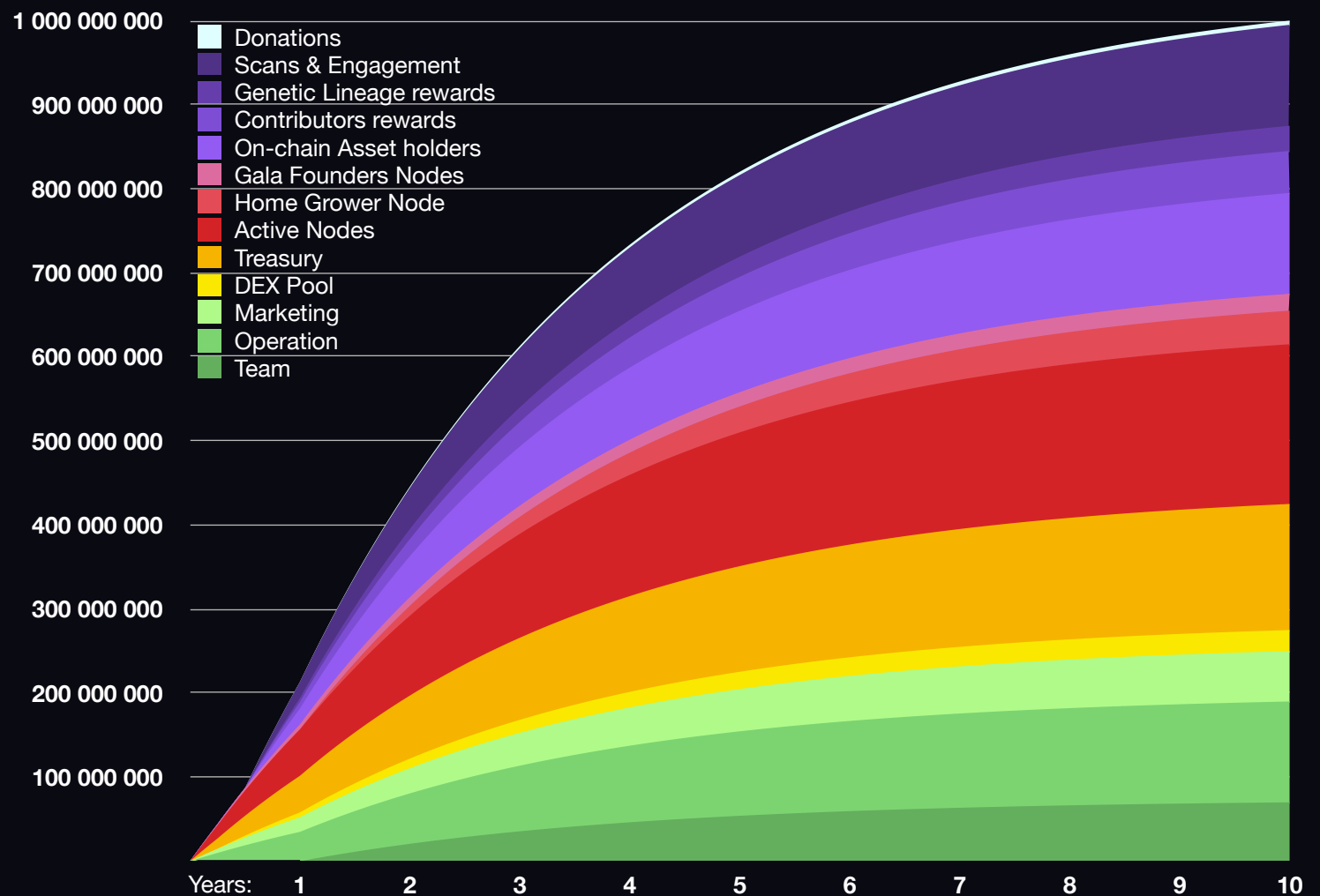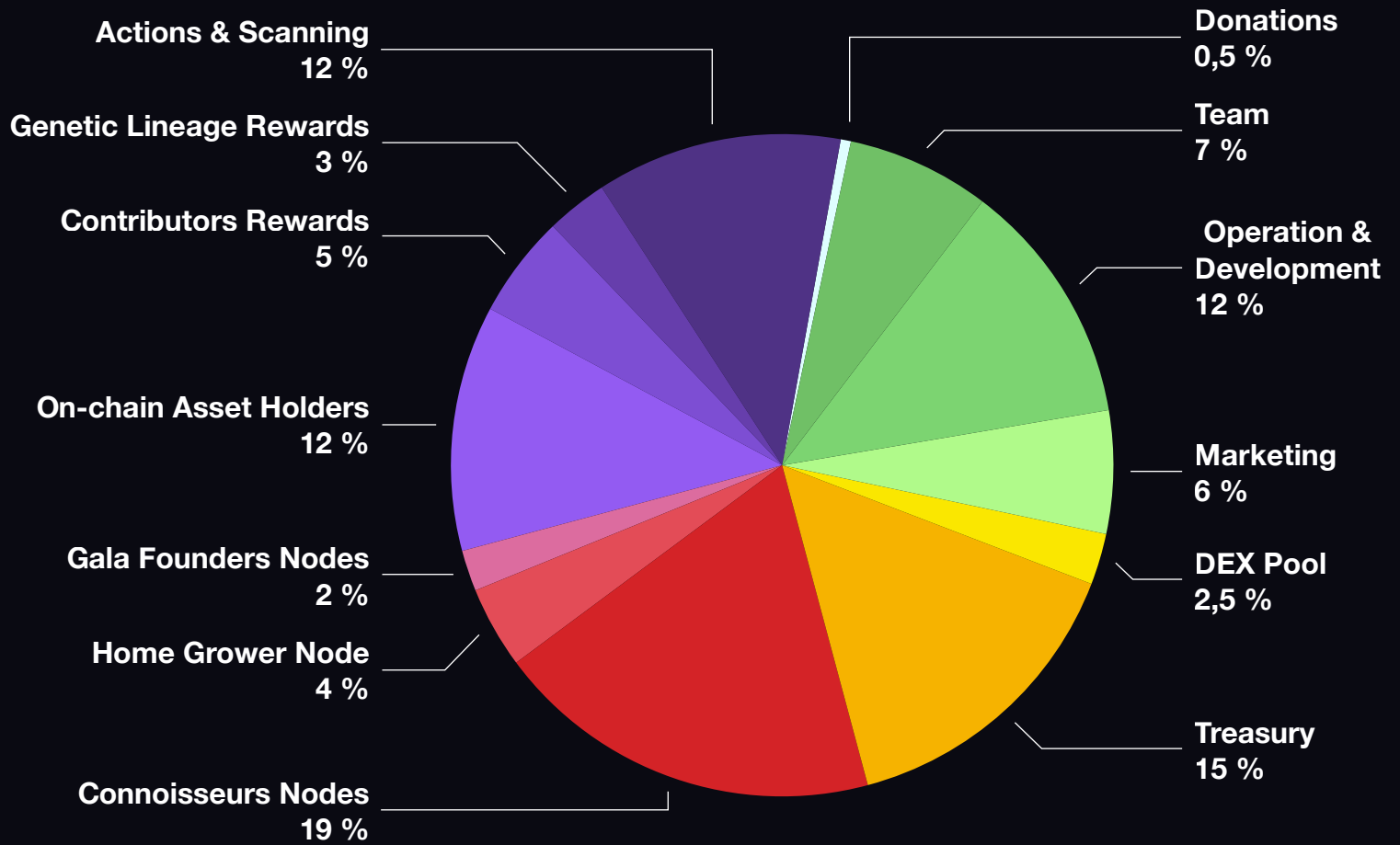
Treasury Allocation Category

For each ecosystem participant, the Adjustable Minting Rate can be reviewed periodically (e.g., annually or biannually) based on ecosystem health, community feedback, and contribution levels. For flexibility reasons, there is a Treasury allocation that has its own Adjustable Mint Allowance Pool.

This allowance can be used to burn earned tokens, allocate it to another allocation category, or create a new allocation category with a partially redirected mint allowance stream.

With this mechanism, MetaFlora will be able to ensure a certain level of flexibility and reaction time for upcoming challenges. This will enable additional capabilities for community, partners and Node operators.

*The allocation categories & issuance rate are subject to change.

Approximate Token Issuance		
After Year	**Cumulative Supply (with no burning)**	**Daily Issuance**
Start	0	935 000
1st	290 000 000	673 000
2nd	500 000 000	485 000
3rd	650 000 000	350 000
4th	760 000 000	250 000
5th	840 000 000	180 000
6th	900 000 000	130 000
7th	935 000 000	95 000
8th	963 000 000	68 000
9th	985 000 000	50 000
10th	1 000 000 000	35 000

Allocation Categories			Cliffs
Team	7 %	70 000 000	12
Operation & Development	12 %	120 000 000	0
Marketing	6 %	60 000 000	0
DEX Pool	2,5 %	25 000 000	3
Treasury	15 %	150 000 000	0
Connoisseurs Nodes	19 %	190 000 000	0
Home Grower Nodes	4 %	40 000 000	12
Gala Founders Nodes	2 %	20 000 000	0
Actions & Scanning	12 %	120 000 000	6
On-chain Asset Holders	12 %	120 000 000	6
Contributors Rewards	5 %	50 000 000	6
Genetic Lineage Reward	3 %	30 000 000	6
Donations	0,5 %	5 000 000	12
TOTAL	100 %	1 000 000 000	-

— Daily Token Distribution Without Burning

Years: 1 2 3 4 5 6 7 8 9 10

META FLORA

Pie chart distribution:

- Actions & Scanning — 12 %
- Genetic Lineage Rewards — 3 %
- Contributors Rewards — 5 %
- On-chain Asset Holders — 12 %
- Gala Founders Nodes — 2 %
- Home Grower Node — 4 %
- Connoisseurs Nodes — 19 %
- Donations — 0,5 %
- Team — 7 %
- Operation & Development — 12 %
- Marketing — 6 %
- DEX Pool — 2,5 %
- Treasury — 15 %

Graph legend:

- Donations
- Scans & Engagement
- Genetic Lineage rewards
- Contributors rewards
- On-chain Asset holders
- Gala Founders Nodes
- Home Grower Node
- Active Nodes
- Treasury
- DEX Pool
- Marketing
- Operation
- Team

Y-axis: 100 000 000 to 1 000 000 000

Years: 1 2 3 4 5 6 7 8 9 10

FLORA

Let it Grow!

We innovate the cannabis & agricultural industries by leveraging our platform with Knowledge Hub, Marketplace with AI assistance, Decentralized Physical Infrastructure (DePIN), power of data, network effect of industry leaders, and global community.

MetaFlora is going to help cannabis farms, commercial cultivators, suppliers, researchers, cannabis stakeholders with analysts, home growers, and cannabis connoisseurs in a the most advanced collaborative ecosystem.

+5% NFT Booster for more Node rewards.

Join the innovations!

Take a look at
Overview Deck

Enter Node Pre-Sale
Limited Time Offer

Socials

Twitter

Telegram

Discord

YouTube

Medium

Links

Website

Overview Deck

Node Sale Deck

Node Network

Tokenomics

GalaChain

Disclaimer

Acquisition of the FLORA token and Mate Flora Nodes involves a high degree of risk. Any User/Purchaser should carefully consider the following information about these risks before they decide to buy the Nodes or the tokens. Business could be affected if any of the following risks happen.

Although MetaFlora has identified the risks and uncertainties it believes that these risks and uncertainties may not be the only ones faced. Additional risks and uncertainties, including those currently not being aware of by MetaFlora, may also happen and affect MetaFlora's business and the value of MetaFlora Nodes and FLORA tokens.

RISKS CONNECTED TO THE VALUE OF NODES AND TOKENS

No Rights, Functionality, or Features - The MetaFlora Nodes and FLORA tokens do not have any rights, uses, purposes, attributes, functionalities, or features, express or implied, except for those strictly described in this document.

Lack of Market Development for MetaFlora Nodes – Because there has been no prior public trading market for the MetaFlora Nodes, the Node sale may not result in an active or liquid market for the Nodes, and their price may be highly volatile. The first step will be the creation of nodes in the form of NFTs, which will require an unspecified amount of time. If even after minting Nodes in a form of NFT a fully liquid trading market for the Nodes does not develop, the price of the Nodes may become more volatile and people may be unable to sell or otherwise transact the Nodes at any time. Similar considerations apply to FLORA tokens. With one additional step, 2,5% of Total Supply will be minted during the Token Generation Event in order to establish the DEX pool.

Risks Relating to Highly Speculative Price Action – Secondary market price action can be highly speculative. Market prices of MetaFlora Nodes and FLORA tokens can fluctuate greatly within a short period of time. MetaFlora is not and shall not be responsible for or liable for the market value of the MetaFlora Nodes and the FLORA tokens. This includes the transferability and/or liquidity of the Nodes and tokens, and/or the availability of any market for the Nodes and tokens through third parties or otherwise.

Nodes and Tokens are Non-Refundable - MetaFlora is not obliged to provide MetaFlora Node holders with a refund for any reason, and the Node holders will not receive money or other compensation in the form of a refund. No promises of future performance or price are or will be made regarding the MetaFlora Nodes and the FLORA tokens. This includes no promise of inherent value, no promise of continuing payments, and no guarantee that the tokens will hold any particular value. Therefore, the recovery of spent resources may be inaccessible or subject to foreign laws or regulations, which may not be the same as USA laws for MetaFlora Nodes and FLORA token holders.

Hackers or other malicious groups or organizations may attempt to interfere with the Eth and GalaChain token smart contracts, bridge contracts, and Nodes contracts that create the tokens in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing. Furthermore, there is the risk that FLORA tokens and the Node network may contain unintentional bugs or weaknesses that may negatively affect the Nodes and tokens or result in the loss of Nodes and tokens, or the loss of ability to access or control the Nodes and tokens. In the event of such a software bug or weakness, there may be no remedy. Holders of the tokens are not guaranteed any remedy, refund, or compensation.

The blockchains used for the MetaFlora Node NFTs and FLORA token is open to hacker attacks, including any possible vectors to breach Ethereum or GalaChain security. Whenever a successful attack occurs, the MetaFlora Node NFTs, FLORA tokens, the NFTs/token transactions, and the contract computations are at risk.

Risk of Incompatible Wallet Service – The wallet or wallet service provider used for the acquisition and storage of MetaFlora NFTs and FLORA tokens has to be technically compatible with the MetaFlora NFTs and FLORA tokens. Without this assurance, the Buyer may not be able to access his MetaFlora NFTs and FLORA tokens.

Dependence of Platform on Various Factors – The development of the Platform may be abandoned for a number of reasons, including lack of interest from the public, lack of funding, lack of commercial success or prospects, or departure of key personnel.

Changes to the Platform – The Platform is still under development and may undergo significant changes over time. Although the project management team intends for the platform to have the features and specifications, changes to such features and specifications can be made for any number of reasons, any of which may mean that the platform does not meet the expectations of MetaFlora Node and FLORA token holders.

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