

WHITEPAPER

THE HOMINIDS PROJECT

By Hominids Team

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INTRODUCTION :

The Hominids project is an initiative to create a unique collection of NFTs and a metaverse community platform based on 3D graphics. Our project aims to provide users with an immersive 3D experience, while allowing them to connect with others from around the world. We believe that our project represents the future of social media, offering exclusive features and benefits to NFT owners. The HOMINIDS project is a non-fungible token (NFT) exchange platform that will allow users to create, sell and buy NFTs representing images and videos of prehistoric animals. This white paper will detail the objectives of the project, its functioning and its implementation. The HOMINIDS project is an ambitious research project aimed at understanding the evolution and behavior of hominids. In this white paper, we will present in detail the objectives, challenges and solutions of the HOMINIDS project.

I. Objectives :

The HOMINIDS project has several objectives:

- To provide a platform for the sale and purchase of NFTs for art and paleontology enthusiasts and collectors.
- To create an immersive user experience through a simple and easy to use interface.
- Offer creators and artists the possibility to sell their creations directly to fans without intermediaries, using blockchain technology to guarantee the authenticity and traceability of NFTs.

II. BLOCKCHAIN & INNOVATION :

Innovation is a key component of the HOMINIDS project, which aims to work closely with the blockchain community to deliver unique solutions. This chapter will highlight the benefits of working with the blockchain community and explain how this collaboration can drive innovation.

The HOMINIDS project and its team want to build on the SUI blockchain because of its unique and innovative features. SUI is a decentralized smart contract platform that uses the Move programming language to define assets. Move programs define operations on these typed objects, including custom rules for their creation, the transfer of these assets to new owners, and operations that mutate the assets. SUI is maintained by a set of permissionless authorities that play a role similar to validators or miners.

SUI uses a consistent Byzantine broadcast protocol between authorities to ensure the security of joint operations on assets, providing lower latency and better scalability compared

to the Byzantine agreement. So are governance operations and checkpointing, performed outside the critical latency path. Smart contract execution is also naturally parallelized where possible. SUI supports thin clients that can authenticate reads as well as full clients that can check the integrity of all transitions.

In addition, SUI is written in the Move programming language, which is safe and expressive, and its type system and data model naturally support parallel tuning/execution strategies that make SUI scalable. Move is an open-source programming language for creating smart contracts, originally developed by Facebook for the Diem blockchain.

In sum, SUI is a FastPay low-latency settlement system extended to run on arbitrary objects through user-defined smart contracts, and with permissionless delegated proof-of-stake committee composition. Basic asset management by object owners is based on a variant of Byzantine coherent broadcast, which has lower latency and is easier to scale across many machines compared to traditional Byzantine consensus implementations.

In summary, the HOMINIDS project and its team chose to build on SUI because of its security, liveliness, performance, scalability, Move programming language, Byzantine fault-tolerant consensus protocol, and low latency. SUI's scalability is achieved through allocating more resources to transaction processing and aggressive reduction of bottlenecks and synchronization points. Its transaction processing is separated into two phases, and it uses a reliable broadcasting primitive to acquire distributed locks at the granularity of objects. Recent advances in consensus protocol engineering have made it possible to scale consensus to support high-throughput transactions.

III. NFT COLLECTION :

Our collection of 9,999 unique NFTs will represent 3D characters and objects. Each NFT will be issued on the blockchain, allowing users to easily buy, sell and trade their NFTs. NFT owners will also receive exclusive benefits on the metaverse platform, such as limited collectibles, event perks, and more.

IV. TOKEN & FARMING :

The HOMINIDS token & farming project has several important details to consider:

Reward for hominid owners: The token was designed to reward hominid owners, allowing them to receive specific benefits reserved only for owners of these NFTs. This feature ensures the longevity of the project and creates value for the entire ecosystem.

Automatic de-stocking: In the event of a portfolio change or sale on the secondary market, NFTs are automatically de-stocked. This feature is important to prevent fraud and ensure the integrity of the platform.

Staking Strategy: Staking is a comprehensive strategy that increases the price of NFTs over time. The more hominid holders there are, the more their value increases, which encourages users to invest in these NFTs.

Web3 Platform: The platform is built on the SUI blockchain, a cutting-edge technology that enables secure and fast transactions.

Utilities and special developments: NFT holders will be able to benefit from special utilities and developments exclusive to the Hom universe. These features provide a unique user experience and enhance holder engagement.

Project longevity: The staking strategy, the specific functionalities for NFT holders and the web3 platform guarantee the longevity of the HOMINIDS project and its sustainability over time.

Value creation: By rewarding NFT holders and encouraging users to invest in these NFTs, the HOMINIDS project creates value for the entire ecosystem, which contributes to its long-term growth and development.

V. TOKENOMICS :

The \$HOMI token is at the heart of the HOMINIDS ecosystem. This chapter will provide a detailed presentation of the \$HOMI token and explain the different halving periods. Since NFT scarcity is an important issue, this chapter will also explain how scarcity is integrated into the project's tokenomics.

The tokenomics of the \$HOMI token is essential to understanding the operation and value of the HOMINIDS project on the SUI blockchain.

First, the \$HOMI token is a standard ERC-20 token, which will be created in a 0-start auction. This means that early buyers will be able to purchase \$HOMI tokens at a low initial price.

The maximum bid for the \$HOMI token is 22,000,000. This means that there will be no more than 22 million \$HOMI tokens in circulation. This maximum bid limit creates artificial scarcity, thus increasing the value of the token.

There will be 4 halving periods, which are also known as "halving". Halving is a mechanism to reduce the supply by halving the rewards. Each halving will reduce the rewards by 50%.

- The first phase of \$HOMI token distribution is Phase 1 aidropped, which will include 1,100,000 \$HOMI tokens. This phase will distribute the first \$HOMI tokens free of charge to community members to stimulate early adoption and engagement.
- Phase 2 is the first mining phase, which will include 5,500,000 \$HOMI tokens. Users will be able to mine \$HOMI tokens by providing computing power to validate transactions on the SUI blockchain. This phase is an opportunity for miners to earn \$HOMI tokens by participating in the network and providing computing power.
- Phase 3 is the second mining phase, which will include 7,200,000 \$HOMI tokens. This phase will allow users to continue mining \$HOMI tokens by providing computing power to validate transactions on the SUI blockchain.

- Finally, Phase 4 is the last mining phase, which will include 8,200,000 \$HOMI tokens. This phase will allow miners to earn \$HOMI tokens by providing computing power to validate transactions on the SUI blockchain.

In sum, \$HOMI Tokenomics is a complex mechanism that maintains a balance between supply and demand, while creating artificial scarcity. This ensures a stable and growing value of the token, while encouraging community participation in the HOMINIDS project.

VI. RARITY EARNING :

The rarity of NFTs in the HOMINIDS project is related to the potential gain of the \$HOMI token. Users can increase the rarity of their collection by stacking multiple NFTs associated with \$HOMI, thereby increasing their value. This rarity can lead to an increase in demand for these NFTs, which in turn can lead to an increase in demand for the \$HOMI token used to purchase these NFTs. By stacking NFTs, users can also receive additional bonuses or rewards.

Financial benefits may include dividends or interest on NFTs held. Exclusive benefits for users may include access to exclusive content or special events. Finally, users can also use their stacked NFTs to participate in games or challenges.

NFT rarity is categorized into six levels: common, uncommon, rare, epic, legendary and mythic. Each level corresponds to a specific amount of the total \$HOMI supply and a specific multiplier. Higher level NFT holders have a higher multiplier, which means they can earn more \$HOMI tokens per day. The characteristics of each rarity are as follows:

- Common: 40% of total supply, 1x multiplier, 2 HOMI tokens per day
- Uncommon: 25% of total supply, 1.25x multiplier, 2.70 \$HOMI tokens per day
- Rare: 20% of the total offer, multiplier 1.5x, \$3.55 HOMI tokens per day
- Epic: 10% of the total offer, multiplied by 1.75, \$4.25 HOMI tokens per day
- Legendary: 4% of the total offer, 2x multiplier, 5.20 HOMI tokens per day
- Mythical: 1% of total supply, multiplied by 2.25, \$6.55 HOMI tokens per day

In summary, the rarity gain in the HOMINIDS project offers users the opportunity to receive bonuses and financial benefits by stacking multiple NFTs associated with \$HOMI. Higher level NFT holders can earn more \$HOMI tokens per day due to a higher multiplier, which can encourage users to acquire higher level NFTs and purchase \$HOMI tokens to acquire them.

VII. UTILITY :

The \$HOMI token and the HOMINIDS project NFTs in the Sui blockchain. The \$HOMI token can be used to enhance existing NFTs, participate in raffles and auctions, for governance, network security, platform transactions, marketing growth and ecosystem development. The token is also accepted as currency in marketplaces, e-commerce stores and events on the HOMINIDS platform. The project's NFTs represent unique creatures that can be accumulated to increase their rarity, and users can acquire them using the \$HOMI token. Users can also merge their NFTs to create exclusive physical collectibles from their

hominids. HOMI holders can vote on project development decisions and propose ideas and changes in the ecosystem, allowing for active community participation in the growth and direction of the project. HOMINIDS holders can also participate in securing and validating the network by validating transactions, which allows them to receive rewards in HOMINIDS. HOMINIDS NFTs are available in several categories, each with a different multiplier for daily \$HOMI rewards.

NFTs Hominids will offer a unique experience for collectors and pop culture enthusiasts. As unique digital artworks, these NFTs will be highly coveted collectibles, offering unique features and rarity that cannot be duplicated. Owners of these NFTs will be able to trade them, sell them, or use them as collateral for loans.

The HOMI token, meanwhile, will be used as an exchange currency on the HOMINIDS platform, allowing users to buy and sell Hominids NFTs, participate in betting games, and pay commissions for transactions made on the platform. Users of the Sui blockchain who hold HOMI tokens will therefore be able to access the full functionality of the HOMINIDS platform and benefit from the increasing value of the HOMI token as use of the platform grows.

In addition, NFTs and the HOMI token could also be used for broader applications, such as community votes to decide the future of the HOMINIDS project or for strategic decisions on the direction of the platform. HOMI token holders will thus have the opportunity to influence the platform's development decisions and contribute to its long-term growth.

In sum, the Hominids NFTs and the HOMI token will offer users of the Sui blockchain a range of investment and community participation options. NFTs will be able to be used as unique and coveted collectibles, while the HOMI token will be used as a currency to access HOMINIDS platform features and participate in community decisions. These uses will provide a range of opportunities for participation and investment in the HOMINIDS project for users of the Sui blockchain.

a. Governance:

HOMI holders are granted the privilege of voting on decisions related to the development of the project. They have the opportunity to propose ideas and changes in the ecosystem, which fosters active community participation in the growth and direction of the project. This functionality is facilitated through a DAO (decentralized autonomous organization), which ensures transparency and security in the decision-making process.

b. Staking:

HOMI holders have the option to secure and validate the network by staking their NFT. Stakers receive \$HOMI rewards for participating in transaction validation, which is a highly effective way to contribute to network security while earning rewards.

c. Transactions:

The HOMI token can be used as a payment method for transactions on the HOMINIDS platform. HOMI holders can also benefit from discounts on transaction fees, providing financial advantages to users of the platform.

d. NFT Art Upgrades:

HOMI holders have the ability to use their tokens to upgrade their existing NFTs on the HOMINIDS platform, offering an innovative way to customize and enhance NFTs through exclusive upgrade features.

e. Raffles and Auctions:

HOMI owners have exclusive access to participate in raffles and auctions on the HOMINIDS platform, providing unique opportunities for NFT collectors.

f. Marketing and Growth:

HOMI holders can contribute to the marketing and growth of the project by participating in sponsorship and referral programs. This allows them to actively participate in the growth of the project while receiving rewards.

g. Mobile Metaverse:

The HOMI token will be utilized in the mobile universe developed by the HOMINIDS project, offering an innovative use of the token beyond the primary platform.

VIII. METaverse COMMUNITY PLATFORM :

Our metaverse platform will be an online social space where users can explore different 3D spaces and interact with other users from around the world. Users will be able to create their own 3D avatars and participate in social activities, such as social networking and online events. We also plan to offer premium services to users, such as advanced features and exclusive content.

Our metaverse platform, HomiVerse, is an innovation in the virtual reality space. We have designed a 3D online social space that allows users to explore different spaces and interact with other users from around the world. We also offer advanced features and exclusive content to users who choose to subscribe to premium services.

Our platform is accessible to all smartphone users and is the first complete metaverse platform for mobile. It allows users to meet, play, chat and participate in quests and events. Our platform is a community environment where users can collect and decorate their own environment that exists both in reality and in the virtual world. In addition, they can create income together while communicating and playing.

We created Homiverse to help people realize their dreams in the virtual world and even in reality. Homiverse is composed of different places, such as a classroom, a meeting room, an event room, a dungeon, a space, where people can share their memories. We plan to create new places over time. Users can perform various activities such as chatting, sharing information, role-playing, conquering territories and planets.

Users can also create a world system together by creating communities based on common interests. Homiverse is a new world where you can live the way you want, be who you want and do what you want. We developed our platform using Epic Games' Metahumans technology and Unreal Engine, which is a powerful tool that has enabled the development of popular games such as Fortnite, Gears Of War and Unreal Tournament.

Our NFT owners will each receive a MetaHominids with all files: OBJ, FBX, Rig and Animation. MetaHominids can be used in augmented reality metaverses and other platforms. Users can customize their MetaHominids with accessories and clothing that will link directly to our collection of Hominids fashion brands. By purchasing our NFTs, users can generate their 3D character for the metaverse.

All in all, our platform is innovative because it offers a 3D online social space accessible to all smartphone users, allowing users to explore different spaces and interact with other users around the world. We also offer advanced features and exclusive content to users who choose to subscribe to premium services. In addition, we have developed our platform using powerful technology that allows users to customize their 3D characters and use them in other augmented reality metaverse platforms.

IX. BUSINESS MODEL :

Our business model is based on several revenue streams, including the sale of NFT, targeted advertising, brand partnerships, and the sale of apparel and other merchandise. We also plan to offer premium services to users, such as advanced features and exclusive content.

X. MARKET AND COMPETITON :

Our project targets a growing market, including social media users and digital culture enthusiasts. Although competition is currently low, we expect competition to increase as the market develops.

XI. IMPLEMENTATION PLAN :

Our implementation plan includes several steps, such as developing the NFT collection, creating the metaverse platform, launching the mobile app, acquiring users, and monetizing the platform. We anticipate a 6-month development period, followed by a 12-month launch and growth phase.

XII. ABOUT THE HOMINIDS TEAM :

HOMINIDS is a team composed of three talented people with experience in their respective fields.

First of all, **Raphaël LOUTALAKIO** aka "Retro" is a 26 year old web developer and designer. He studied computer science for 3 years at Epitech and art for 2 years to study space, fashion and graphic design at École de Condés. With great ambition, he wants to make HOMINIDS a company in its own right. You can learn more about him and his career path on his LinkedIn profile: <https://www.linkedin.com/in/raphael-loutalakio-663bbb178>.

Benjamin KAYGISIZ, also known as "Ekeichi", is a 27-year-old computer systems developer. He studied in engineering school for 5 years at Epitech and brings valuable expertise to the HOMINIDS team. You can learn more about his skills and professional background on his LinkedIn profile: <https://www.linkedin.com/in/benjamin-kaygisiz>.

Finally, **Ben TOHAMI** aka “Asmar” is a blockchain developer based in Morocco who brings 3 years of solid experience in project development. He is essential to the development of HOMINIDS as a key expert in the field of blockchain. To learn more about his skills and experience, you can check out his LinkedIn profile:

<https://www.linkedin.com/in/tohami-ben-72a2a2239>.

Together, the HOMINIDS team is passionate and determined to make their initiative an NFT, a brand and a commercially successful company. With their close collaboration and expertise, they work tirelessly to achieve their goals

CONCLUSION :

The Hominids project is an ambitious initiative to create a unique NFT collection and a metaverse community platform based on 3D graphics. We believe that our project represents the future of social media by providing an immersive 3D experience and allowing users to connect with others around the world. We are determined to make this project a reality and are convinced of its potential for success with our experience, skills and knowledge.