

# SpaceXpanse Multiverse

The metaverse of the future

The next-gen trustless GameFi blockchain platform



# QUICK PLATFORM OVERVIEW

## It's a comprehensive ecosystem

SpaceXpanse Multiverse can be thought of as a three-dimensional internet due to its ability to transform how we interact, create, and engage online, making it more immersive and interactive than the traditional web. Here's how:

- **Immersive Experiences:** Unlike the flat, two-dimensional websites we're used to, due to its unique features, SpaceXpanse Multiverse offers virtual worlds aka metaverses where users can move around, interact with objects, and experience a rich, three-dimensional environment.
- **Decentralized Applications:** Just as the internet hosts websites and web applications, SpaceXpanse Multiverse supports decentralized applications (DApps) that can be used within this virtual environment. These applications can range from games to social networks, providing a wide variety of interactive experiences.
- **Persistent Digital Identity:** Similar to having a consistent online identity across various platforms, SpaceXpanse Multiverse uses digital IDs on the ROD blockchain, allowing users to maintain a persistent identity as they navigate through different virtual worlds and applications while having constant access to all their data.
- **ROD blockchain and Nostr Integration:** The Multiverse platform integrates these technologies to facilitate secure creation, transactions, and storage of value and data. This ensures trustless interactions and verifiable ownership, akin to having secure, digital presence embedded in the virtual space.
- **User Content Ownership:** Users can create and share their own content within the Multiverse, just as they can create websites and blogs on the internet while retain complete control of their data. This includes designing virtual spaces, creating DApps, and contributing to the overall ecosystem.

By merging these elements, SpaceXpanse Multiverse creates a three-dimensional, interactive, and decentralized digital space that mirrors the functionality and diversity of the internet, but with added layers of immersion, security, and interactivity, so trusting **SpaceXpanse Multiverse** in this early stage can be **a once-in-a-lifetime opportunity**.

## Highlights

### What is SpaceXpanse Multiverse?

#### The metaverse of the future

It's the next-gen trustless GameFi blockchain platform, designed for rapid creation of metaverses, immersive user experience and development of complex decentralized applications.

### What do we want to achieve?

#### To put the technology to real work at last

By putting the crypto technology back on track, we are making a self-sustaining virtual environment, where people can communicate, create, have fun, and which can be easily accessed by anyone from anywhere.

### How we will make it happen?

#### With some help from the Open-source community

The whole project will be carefully structured and will gradually broaden the scope of its tasks in *a span of four years* to avoid any roadblocks on its path.

## Core team



**Vladimir Belomorski**  
CEO + Founder



**Andrey Velkov**  
COO + Co-founder



**Rady Stoyanov, Ph. D**  
Chief advisor

## THE PROBLEM

The biggest problem with the metaverse currently is the lack of technology and infrastructure to support a seamless and cohesive virtual world experience. This includes issues with latency, privacy, interactivity, and the limited sensory experience offered to users.

## OUR STORY

When Erik Wernquist's "Wanderers" video surfaced for the first time more than 8 years ago it was both mesmerizing and kinda frustrating to watch. Because only by using the director's imagination and skills one could travel through the vastness of our solar system and visit places which were otherwise out of reach. But the time passed and some new technologies started to emerge: from the Satoshi Nakamoto's Bitcoin blockchain which was already there, making some waves in the IT space, through the big boom afterwards with all the cryptocurrencies, adopting different approaches like Namecoin and Huntercoin and last year's NFT metaverse craze, to all the open source projects like Martin Schweiger's magnificent piece of simulation software, known and unknown contributors to similar projects and 2022's "jewel in the crown", previously unthinkable Unreal Engine 5 which was not only beyond everything one could imagine but open source too. And all of these projects just made what was unreachable several years ago, reachable now, in everyone's grasp. Or reachable soon if we have to be more correct.

So for us, being such a science and gaming nerds as we are, it was inevitable in the last few years to start to connect the dots and slowly draw a blueprint of something that we now call "***the metaverse of the future***".



## THE SOLUTION

The main goal that we pursue is simple yet proved difficult: **We want to turn the game around** /pun intended/ and for people to start creating value while playing and not vice versa, using the so-called **Play-and-Earn model**. On the other hand, we want to use all these emerging cutting-edge technologies to provide a virtual "playground" for developers/researchers to test their ideas in an environment as close as possible to the real world.

The outcome of this desire will be *an unstoppable, irreversible, serverless blockchain backed platform*, in which everyone can develop any kind of application, using their favorite programming language in the process—one's imagination is the only limit.

### Backend

This is where the actual blockchain technology will come in hand, combined with features like ability to store some data and broadcast it amongst the nodes in the network, transferable trustless shortnames, which also allow send and receive cryptocurrency value instead of these long and messy address strings; creation, storage and transfer of fungible and non-fungible tokens to have some actual economy; decentralized DNS, serving top level domains like shortname.rod for example, completed with some kind of peer-to-peer data storage nodes to give capacity, redundancy and privacy of the data stored across the platform. This will be the actual backbone of the platform or if we have to use more technical term — the **backend** of such kind of “**metaverse of the future**”.

### Frontend

The actual face of it or if we have to use the technical term — the **frontend** at least has to have some kind of a simulator where all developed functionalities can be visualized and tested and which can be easily configured and maintained.

And all this accompanied with a possibility of development of decentralized applications, which can communicate from within all currently active platform's metaverses and between each other, by using a programming language of choice. Like a platform-wide social network, using the decentralized data storage to save any private information of the users. Or platform-wide DAO where everyone can publish a project, idea or something else and have it backed up if enough users find it worthy. The possibilities are obviously endless.

# PLATFORM'S TECH STACK

It uniquely tackles the challenges by integrating the latest technologies in the field to establish a trustless GameFi platform, by implementing cutting-edge open-source software, and providing comprehensive development tools to streamline creation processes, ultimately making metaverse and dApp development accessible and efficient.

## ROD BLOCKCHAIN /Core technologies/

It offers storage and transfer of its native cryptocurrency - ROD, tokens and NFTs, decentralized DNS for domain service, digital IDs, secure on-chain data storage through a name-value database, atomic trading, and a Play-and-Earn model.

## SIDE CHANNELS /Core technologies/

Programable trustless interconnection inside the blockchain which allows two or more parties to interact through temporarily made sidechains in a very scalable, off-chain and almost real-time fashion.

## D.A.R.M.A. /Community/

An OpenAI based chatbot designed to assist users becoming familiar with the platform features, programming and troubleshooting, and working across different platforms like the web, Telegram, and Discord.

## METALOG /Community/

A full-blown platform-wide social network in the blockchain, accessible within every platform's metaverse and/or DApp, using Nostr protocol to store user's private data and ROD blockchain for user's public data.

# Backend

## SPEXID /For development/

An application built on top of the ROD blockchain, that turns each reserved arbitrary name into a secure digital identity /digital ID/ similar to NameID.

## SPEX LIBRARY /For development/

Programable trustless interconnection between the blockchain and third-party applications to help developers have useful environment for effortless development of DApps in the platform.

## RODPAY SERVER /For development/

Enables direct, fee-free, peer-to-peer payments with enhanced privacy, remote wallet, multi-tenant instance sharing, and included apps for marketplace, crowdfunding, and donation receiving.

## ROD-TO-NOSTR FRAMEWORK /For development/

A modified version of an open-source, censorship-resistant Nostr protocol to provide a decentralized, privacy-centered and user-empowered alternative to additional ways to store and retrieve huge amounts of data.

## DAPPENGINE /For development/

It simplifies development by treating everything on the screen as objects, using events for logic, manipulating data with variables, offering pre-made objects, providing customizable features, and enabling cross-platform development.

## METaverse SIMULATOR /For development/

Offers a real-time, detailed solar system simulation with physics, scenario programming, and integration with the ROD blockchain via libspex library and Nostr, allowing for secure logins, messaging, payments, and NFT management.

# Frontend

## MARKET OPPORTUNITY

1. Explosive Growth in the Metaverse Sector:
  - a. **Market Expansion:** The metaverse market is projected to grow exponentially in the coming years, with estimates suggesting it could reach a market size of several hundred billion dollars by the end of the decade. This growth is driven by increasing investments from tech giants, rising consumer interest in virtual experiences, and the proliferation of blockchain technology.
  - b. **User Engagement:** As more users spend time in virtual worlds for gaming, socializing, and work, the demand for sophisticated, immersive, and secure platforms like SpaceXpanse Multiverse is expected to surge.
2. GameFi and Play-and-Earn Models:
  - a. **Play-and-Earn (P&E):** The integration of GameFi (gaming and decentralized finance) introduces novel ways for users to earn real-world value from their in-game activities. This P&E model is attracting a large user base, especially in regions where earning potential in traditional jobs is limited.
  - b. **Economic Participation:** SpaceXpanse Multiverse leverages the P&E model, enabling users to earn rewards within the platform, thereby increasing user engagement and retention.
3. Decentralized Applications (DApps):
  - a. **Developer Attraction:** With tools like the DappEngine, SpaceXpanse Multiverse offers a no-code environment for creating DApps, lowering the barrier to entry for developers and fostering innovation.
  - b. **Diverse Use Cases:** Beyond gaming, DApps on the SpaceXpanse platform can cater to a variety of sectors, including virtual real estate, e-commerce, social networking, and education.
4. NFT Market:
  - a. **Digital Asset Ownership:** The rising popularity of NFTs (non-fungible tokens) for digital art, collectibles, and in-game assets presents a significant opportunity. The ROD blockchain's capabilities in handling NFTs position SpaceXpanse as a key player in this lucrative market.
  - b. **Interoperability:** SpaceXpanse Multiverse supports seamless asset exchange and interoperability, attracting users who seek a unified, cross-platform experience.

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## VALUE PROPOSITION

1. Innovative Technology Integration:
  - a. **Blockchain and AI Fusion:** Combining blockchain technology with artificial intelligence, SpaceXpanse Multiverse ensures a trustless, secure, and intelligent environment for users and developers.
  - b. **Side Chains for Scalability:** Programmable private blockchains (side chains) enhance scalability and efficiency, addressing the common bottlenecks in metaverse platforms.
2. User-Centric Features:
  - a. **Decentralized DNS and Digital IDs:** By implementing decentralized DNS (dDNS) and digital IDs, SpaceXpanse Multiverse ensures secure domain resolution and user authentication, enhancing user trust and platform integrity.
  - b. **Atomic Trading and Play-and-Earn:** The platform's atomic trading capabilities allow for secure, trustless asset exchanges, while the play-and-earn model incentivizes user participation and engagement.
3. Comprehensive Development Tools:
  - a. **DappEngine and SpeX Library:** The DappEngine simplifies DApp creation, making it accessible for non-technical users, while the SpeX Library supports seamless integration with third-party applications, broadening the platform's utility.
  - b. **Metaverse Simulator:** This 3D sandbox environment enables developers to test and refine their virtual worlds, ensuring high-quality user experiences.
4. Community and Ecosystem Support:
  - a. **Startup Hub:** SpaceXpanse's Startup Hub nurtures new projects by providing resources, networking opportunities, and mentorship, fostering a thriving ecosystem of innovation.
  - b. **Transparent Governance:** Operating under the MIT license and through a registered NGO with Open Collective Europe, SpaceXpanse ensures transparency in financial operations and community contributions, building a culture of trust and collaboration.
5. Market Differentiation:
  - a. **Unique Combination:** The fusion of blockchain, AI, decentralized applications, and immersive virtual experiences sets SpaceXpanse Multiverse apart from other metaverse platforms.
  - b. **Focus on Utility and Practicality:** Unlike many platforms that focus on hype, SpaceXpanse prioritizes practical, real-world applications, addressing the needs of users and developers effectively.



## VALUE CAPTURE 1/2

1. Transaction Fees:

**In-Platform Transactions:** The platform charges transaction fees for any activity involving the transfer of ROD coins, tokens, and NFTs. These fees provide a steady revenue stream while ensuring that the network remains sustainable and secure.

**Atomic Trading:** Facilitating trustless exchanges of in-game assets, fungible game currencies, and non-fungible items incurs transaction fees that contribute to the platform's revenue.

2. Subscription Services:

**Freemium Services:** Users can subscribe to freemium features within the platform, such as advanced development tools, enhanced user experiences, and exclusive content. This subscription model generates recurring revenue.

**Developer Subscriptions:** Developers can access freemium toolsets like the DappEngine for a fee, promoting higher-quality DApp and game development on the platform.

3. Advertising and Sponsorship:

**In-Metaverse Advertising:** SpaceXpanse Multiverse offers virtual spaces for advertisers to reach users within immersive environments, opening up a lucrative revenue channel.

**Sponsored Content and Events:** Hosting sponsored events, competitions, and content within the multiverse can attract significant advertising dollars.

4. Licensing and Revenue Sharing:

**Licensing the Platform:** Third-party developers and companies can license SpaceXpanse's technology for their own applications, games, or virtual environments, generating additional income.

**Revenue Sharing with Developers:** The platform operates a revenue-sharing model where developers earn a percentage of the revenue generated from their DApps and games. This incentivizes high-quality content creation and attracts top talent to the platform.

## VALUE DELIVERY 1/2

1. **Decentralization and Trustless Environment:** By leveraging blockchain technology, SpaceXpanse Multiverse ensures that all transactions and interactions are secure, transparent, and trustless. This decentralization removes the need for intermediaries, reducing costs, and increasing trust among users. The ROD blockchain underpins this ecosystem, providing the foundation for all activities on the platform.

2. **Scalability and Efficiency:** The use of side chains allows SpaceXpanse Multiverse to scale efficiently. These programmable private blockchains facilitate near-real-time interactions and interconnectivity, making the platform highly responsive and capable of handling large volumes of transactions without bottlenecks. This scalability is crucial for accommodating a growing user base and expanding applications.

3. **User Empowerment through Play-and-Earn Model:** The play-and-earn model integrated into the platform empowers users by allowing them to earn rewards within applications. This model incentivizes user engagement and participation, driving sustained interaction on the platform. Users can earn and bank rewards in their on-chain addresses, enhancing the platform's attractiveness and utility.

4. **Seamless Development Tools:** Tools like the DappEngine and SpeX Library simplify the development process for decentralized applications and games. The no-code environment and comprehensive libraries reduce the barriers to entry for developers, fostering innovation and expanding the range of applications on the platform. This ease of development attracts a diverse range of developers and creators, enriching the ecosystem with varied content.

5. **Secure and Private Communication:** Metalog, the decentralized social network powered by the Nostr protocol, ensures that user communications are secure and private. This focus on privacy and security builds user trust and encourages more active and honest engagement within the community.

## VALUE CAPTURE 2/2

6. Marketplace Fees:

**NFT Marketplace:** The SpaceXpanse Multiverse includes a marketplace for buying, selling, and trading NFTs. The platform captures value by taking a percentage of each transaction.

**Virtual Goods and Services:** Sales of virtual goods, such as game enhancements, avatar upgrades, and other digital assets, generate additional marketplace fees.

7. Play-and-Earn Model:

**User Engagement:** The Play-and-Earn model not only incentivizes user participation by rewarding users with ROD coins but also boosts overall platform engagement and activity, indirectly driving up the value of the ecosystem.

**Human Mining:** This innovative concept allows users to earn rewards by participating in the platform's applications and games, creating a vibrant and active user base.

8. Value from Data and Insights:

**Analytics Services:** Offering analytics services, while maintaining strict privacy standards, to developers and businesses looking to understand anonymized user behavior within the multiverse and ROD blockchain can provide valuable insights, which can be monetized.

**User Data:** While maintaining strict privacy standards, aggregated and anonymized data from within the multiverse and ROD blockchain can be valuable for market research and targeted advertising.

9. Interoperability and Partnerships:

**Blockchain Integration:** By enabling seamless integration with other blockchains and platforms, SpaceXpanse can attract a wider audience and additional revenue streams through interoperability.

**Strategic Partnerships:** Forming alliances with other tech companies, gaming studios, and blockchain projects can lead to joint ventures and co-branded initiatives, expanding market reach and value capture.

10. Community Contributions and Donations:

**Open Source Contributions:** The open-source nature of the platform encourages contributions from the community, which can enhance the platform's features and functionality without additional cost.

**Grants through Open Collective:** SpaceXpanse's non-profit governance model allows the platform to receive grants to support ongoing development, fostering hassle-free approach in the platform's success.

## VALUE DELIVERY 2/2

6. **Resource and Support Hub for Innovators:** The Startup Hub provides critical resources, support, and networking opportunities for new projects and initiatives. By nurturing innovation, the Startup Hub ensures a steady influx of fresh ideas and solutions, driving continuous improvement and growth of the platform.

7. **AI-Powered User Assistance:** D.A.R.M.A., the AI-powered chatbot, enhances user experience by providing assistance with onboarding, troubleshooting, and navigating the platform. This support system ensures users can fully leverage the platform's capabilities, reducing friction and improving overall satisfaction.

8. **Transparent and Collaborative Ecosystem:** Operating under the MIT license, SpaceXpanse Multiverse promotes open-source collaboration. This approach allows developers to freely modify and distribute software, fostering a vibrant ecosystem of shared ideas and rapid innovation. Additionally, the non-profit governance model ensures financial transparency, building community trust and encouraging contributions through donations.

9. **Enhanced Digital Identity and Security:** Digital IDs based on the ROD blockchain provide secure, trustless user identification. These IDs can hold and transfer value, enhancing security and trust within the platform. This robust identification system is crucial for maintaining the integrity and security of user interactions and transactions.

10. **Comprehensive and Immersive Experiences:** The Metaverse Simulator offers a 3D sandbox for developing and testing virtual environments, tools, and objects. This capability allows for the creation of immersive experiences, integrating realistic physics and blockchain functionality. It opens up new possibilities for interactive and engaging virtual worlds.



## DETAILED MARKET OPPORTUNITY

### Total Addressable Market (TAM)

The global gaming market is projected to reach a staggering \$212B by 2026, reflecting a phenomenal growth trajectory. This rapid expansion expresses the increasing popularity of play-to-earn models and the growing adoption of blockchain technology in gaming.

### Serviceable Addressable Market (SAM)

Defining SAM for SpaceXpanse Multiverse requires considering its specific features and target audience:

- **Gamers** with a focus on Play-to-Earn (P2E)
- **Enthusiasts** – users interested in exploring a decentralized metaverse environment with blockchain integration and potential investment opportunities in platform tokens or NFTs
- **Developers** – Users attracted to the platform and the potential to monetize their creations within the decentralized metaverse environment

Assuming these market segments represent the following portions of the overall TAM, combined SAM can be: 10% (P2E gamers) + 8% (crypto enthusiasts) + 2% (GameFi devs) = 20%.

### Target Market (TM)

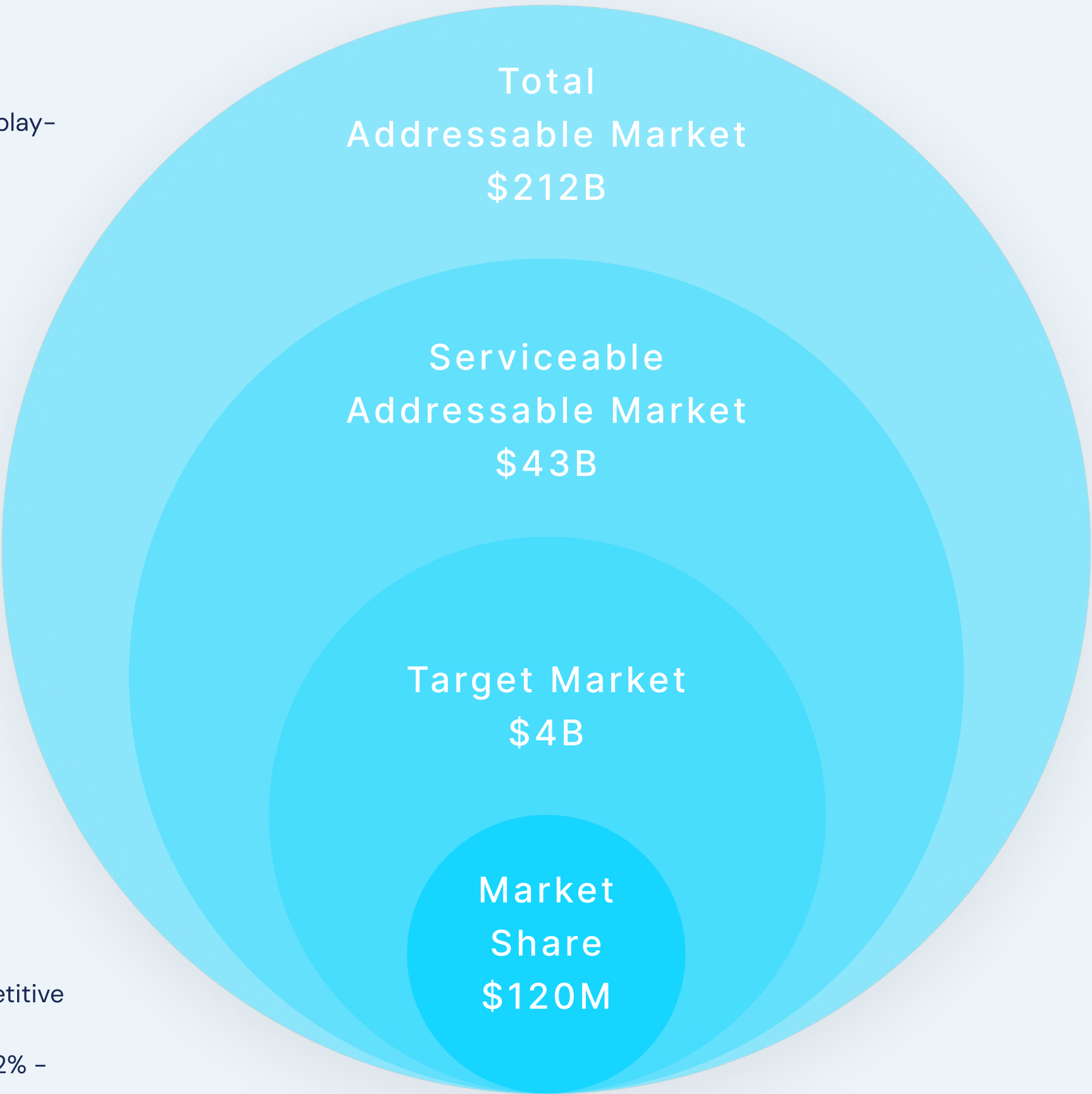
SpaceXpanse Multiverse's target market encompasses these key metrics:

- **Blockchain gamers:** 20% of those interested in P2E or 60 million out of 3 billion gamers in 2023.
- **Crypto enthusiasts:** 5% of global cryptocurrency users (400 million in 2023) might be interested (20 million).
- **GameFi developers:** 4% of 22 million developers in 2023 might be attracted (1 million).

Using given metrics we can assume that ~80 million users \* \$50/user/year = \$4B per year.

### Market Share

Capturing a significant market share within the estimated TM is ambitious due to the competitive landscape. However, considering the platform's unique features and potential for user engagement, a realistic target market share for SpaceXpanse Multiverse by 2026 could be: 2% – 4% of the TM or between \$80M and \$160M.



PLATFORM'S  
OVERVIEW

The partnership between SpaceXpanse’s non-profit and for-profit entities is symbiotic, with each contributing unique strengths that drive the overall ecosystem forward. The foundation ensures the platform’s integrity, innovation, and community growth, while the for-profit entity focuses on game development, commercialization, and user engagement.

ROD BLOCKCHAIN AND SIDE CHANNELS

MIT-licensed and foundation-operated

SPEX LIBRARY

MIT-licensed and foundation-operated

ROD-TO-NOSTR FRAMEWORK

MIT-licensed and foundation-operated

Open-source  
and non-profit

METALOG

MIT-licensed and foundation-operated

DAPPENGINE

MIT-licensed and foundation-operated

METAVVERSE SIMULATOR

MIT-licensed and foundation-operated

SPEXID

MIT-licensed and foundation-operated but some parts can be developed further, close-sourced and licensed under other licenses

RODPAY SERVER

MIT-licensed and foundation-operated but some parts can be developed further, close-sourced and licensed under other licenses.

SPACEXPANSE: METAVVERSE

MIT-licensed and foundation-operated but some parts can be developed further, close-sourced and licensed under other licenses

SPACEXPANSE: BATTLESHIPS

Partially-licensed and company-operated. The source is MIT-licensed but the graphic engine and game logic can be close-sourced and fully licensed.

Closed-source  
and for-profit

SPACEXPANSE: WANDERERS

Fully-licensed and company-operated. The source can be MIT-licensed but the graphic engine and game logic will be close-sourced and fully licensed.

DETAILED PLATFORM OVERVIEW 1/2

<b>Key Partnerships</b> <ul style="list-style-type: none"><li>• Strategic partnerships with freelance blockchain developers, AI specialists, and gaming studios to enhance platform functionality and user base and game experience.</li><li>• Gaming companies for collaborative game development within the platform.</li><li>• Collaborations with decentralized finance (DeFi) projects for seamless integration of financial services within the Multiverse platform.</li></ul>	<b>Key Activities</b> <ul style="list-style-type: none"><li>• Development and maintenance of the ROD blockchain and associated infrastructure.</li><li>• Continuous improvement of platform features and user interface to ensure optimal user experience.</li><li>• Community engagement through forums, events, and developer workshops to foster innovation and collaboration.</li></ul>	<b>Key Value Propositions</b> <ul style="list-style-type: none"><li>• Trustless GameFi platform offering rapid development of immersive gaming experiences and decentralized applications.</li><li>• Secure and censorship-resistant environment for users to interact and transact.</li><li>• Play-and-Earn model enabling users to earn rewards within applications.</li><li>• Seamless ROD blockchain integration with third-party applications.</li><li>• Ability to use ROD blockchain as DLT to track different kinds of things.</li><li>• Ability to issue NFTs as tickets, etc.</li></ul>	<b>Customer Relationships</b> <ul style="list-style-type: none"><li>• Responsive customer support for users and developers.</li><li>• Community engagement through forums, social media, and events.</li><li>• Regular updates and communication about platform developments.</li><li>• Feedback collection and implementation.</li></ul>	<b>Customer Segments</b> <ul style="list-style-type: none"><li>• Blockchain enthusiasts seeking immersive experiences and decentralized applications.</li><li>• Gamers interested in earning rewards while playing games within the Multiverse platform.</li><li>• Developers looking for a platform to create and deploy decentralized applications.</li><li>• Businesses who want to track goods or other stuff through Distributed-ledger technology (DLT).</li><li>• Businesses who want to issues tickets as NFTs for events and other services.</li></ul>
	<b>Key Resources</b> <ul style="list-style-type: none"><li>• Open-source blockchain developers, freelance AI engineers and game designers.</li><li>• Secure and scalable infrastructure for hosting the Multiverse platform and associated applications.</li><li>• Unique approach to empower development and expansion initiatives.</li></ul>		<b>Channels</b> <ul style="list-style-type: none"><li>• Online marketing and social media to reach potential users and developers.</li><li>• Developer communities and forums to engage with the developer community.</li><li>• Partnerships with gaming influencers and content creators to promote the platform.</li></ul>	

Cost Structure

- Development and maintenance costs for the ROD blockchain and Multiverse platform.
- Marketing and promotional expenses to attract users and developers.
- Operational costs for infrastructure and customer support.

Key Revenue Streams

- Transaction fees for asset exchanges and in-game purchases within the platform.
- Subscription fees for freemium features and services.
- Revenue sharing agreements with developers for applications hosted on the platform.

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DETAILED PLATFORM OVERVIEW 2/2

<div><div>Key Metrics</div><ul style="list-style-type: none"><li>Monthly active users (MAU) and user engagement metrics.</li><li>Transaction volume and revenue generated from platform activities.</li><li>Developer participation and growth of the decentralized application ecosystem.</li><li>User engagement metrics (time spent, actions performed).</li><li>Community sentiment and feedback.</li></ul></div>	<div><div>Key Obstacles</div><ul style="list-style-type: none"><li>Regulatory uncertainty surrounding blockchain and cryptocurrency technologies.</li><li>Competition from established gaming platforms and decentralized application ecosystems.</li><li>Technical challenges related to scalability and interoperability.</li></ul></div>	<div><div>Scalability</div><ul style="list-style-type: none"><li>Capability to support almost unlimited users and realities simultaneously.</li><li>Capability of horizontal expansion into new markets and geographic regions.</li><li>Capability of vertical integration with complementary products and services.</li><li>Ease to elaborate strategic partnerships and acquisitions to enhance platform capabilities.</li></ul></div>	<div><div>Market Validation</div><ul style="list-style-type: none"><li>The growing interest in metaverse technologies and the increasing investment in this sector validate the overall market opportunity.</li><li>The current complexity of metaverse development tools highlights the need for a more accessible platform.</li></ul></div>	<div><div>User Acquisition</div><ul style="list-style-type: none"><li>Host online and offline events, such as hackathons, webinars, and meetups.</li><li>Implement Play-and-Earn and other reward-based initiatives.</li><li>Collaborate with established blockchain and gaming companies.</li><li>Create high-quality content, such as blog posts, video tutorials, and social media campaigns.</li><li>Provide comprehensive support and easy-to-use development tools.</li><li>Engage in innovative marketing campaigns.</li></ul></div>
	<div><div>Key Competitors</div><ul style="list-style-type: none"><li>The platform competes with other metaverse projects and virtual reality platforms that offer similar immersive and interactive experiences within virtual environments.</li></ul></div>		<div><div>Unfair Advantage</div><ul style="list-style-type: none"><li>Being an early entrant in the next-generation metaverse development space.</li><li>Providing easy adoption with unique set of user-friendly and comprehensive suite of tools for games and apps.</li><li>Building a highly collaborative ecosystem to foster innovation and platform growth.</li></ul></div>	

Key Values

- Transparency and accountability in all business operations.
- Commitment to innovation and technological advancement.
- Empowerment of users and developers through permissive licensing and community-driven development processes.

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Key User Outcomes

- Ease of use:** Offering a comprehensive yet easy to use set of tools to develop complex decentralized applications.
- Privacy:** Users have greater control over personal data and information in a secure virtual environment within the metaverse and ROD blockchain.

# PLATFORM'S ROADMAP 1/2

Developing this kind of complex platform can be challenging, but it is certainly manageable by breaking the process down into stages. We've also used two key parts of project management together: milestones and iterations, and over the past couple of years, we gradually broadened the scope of the tasks at hand to avoid any roadblocks on our path.

## STAGE 1

### 2022 Q1-Q4

- ☑ New wallets has to be compiled with the necessary changes
- ☑ Putting online an explorer, a dns seeder and nodes to support the blockchain
- ☑ Making a website to present the coin
- ☑ Adding the project on some mining pools
- ☑ List ROD on crypto exchange/s/ to gain attention and volume
- ☑ Write a manifesto to explain the intentions and set the goals of the platform
- ☑ Making a website for the platform and the game
- ☑ Writing Whitepaper to explain the platform deeper
- ☑ Starting a marketing campaign to promote the projects further
- ☑ Pre-alpha version of SpaceXpanse Metaverse Simulator

### 2023 Q1

- ☑ Complete the initial project's documentation
- ☑ SpaceXpanse Programming Library /libspex/ Release
- ☑ First major marketing campaign to promote the projects further

### 2023 Q2

- ☑ Alpha version of SpaceXpanse Metaverse Simulator

### 2023 Q3

- ☑ Putting online Minimum Viable Product /MVP/ to visualize the idea
- ☑ Major SpaceXpanse Metaverse Simulator expansion pack

## STAGE 2

### 2023 Q4

- ☑ Registering a non-profit entity to manage the platform
- ☑ Second major marketing campaign to promote the projects further

### 2024 Q1

- ☑ Reorganization, planning and researching

### 2024 Q2

- ☐ New minor version of ROD Core wallet
- ☐ Initial version of ROD Electrum wallet
- ☐ Initial version of ROD API server
- ☐ ROD mobile wallet
- ☐ ROD RPC explorer - new version with API
- ☐ Expand ROD support for miners and pools
- ☐ New version of D.A.R.M.A. - AI chatbot to help users delve into our platform
- ☐ Prepare all nesessary documents to pitch the potential investors
- ☐ Alpha version of SpaceXpanse Digital Identification /SpeXID/
- ☐ New minor version of SpaceXpanse Metaverse Simulator
- ☐ Alpha version of SpaceXpanse: Metaverse

### 2024 Q3

- ☐ SpaceXpanse ROD halving around 4th of July 2024
- ☐ Alpha version of SpaceXpanse Decentralized DNS /dDNS/ feature
- ☐ Alpha version of ROD-to-Nostr framework
- ☐ Alpha version of RODPay server
- ☐ Alpha version of Metalog - Decentralized Social Network
- ☐ Release a Yellowpaper of the SpaceXpanse Multiverse platform
- ☐ Listing ROD at some major exchange/s

## PLATFORM'S ROADMAP 2/2

Developing this kind of complex platform can be challenging, but it is certainly manageable by breaking the process down into stages. We've also used two key parts of project management together: milestones and iterations, and over the past couple of years, we gradually broadened the scope of the tasks to avoid any roadblocks on our path.

### STAGE 3

#### 2024 Q4

- ❑ Third major marketing campaign to promote the projects further
- ❑ Consulting with an attorney office with experience in crypto space
- ❑ Registering a for-profit entity to manage Wanderers and other games
- ❑ New major update of the ROD Core wallet
- ❑ New release of SpaceXpanse Programming Library /libspx/
- ❑ Alpha version of Democrit - Trustless Marketplace Framework
- ❑ Alpha version of SpaceXpanse DappEngine
- ❑ Alpha version of SpaceXpanse: Battleships

#### 2025 Q1

- ❑ Beta version of SpaceXpanse Decentralized DNS /dDNS/ feature
- ❑ Beta version of SpaceXpanse Digital Identification /SpeXID/
- ❑ Beta version of ROD-to-Nostr framework
- ❑ Beta version of Metalog - Decentralized Social Network
- ❑ Beta version of the SpaceXpanse Metaverse Simulator
- ❑ Beta version of SpaceXpanse: Metaverse

#### 2025 Q2

- ❑ SpaceXpanse Startup Hub - the startup ecosystem around our platform
- ❑ Closed alpha version of SpaceXpanse: Wanderers

#### 2025 Q3

- ❑ SpaceXpanse ROD halving around 4th of July 2025
- ❑ Beta version of Democrit - Trustless Marketplace Framework
- ❑ Beta version of SpaceXpanse DappEngine
- ❑ Beta version of SpaceXpanse: Battleships

#### 2025 Q4

- ❑ Fourth major marketing campaign to promote our platform in full
- ❑ Open beta version of SpaceXpanse: Wanderers
- ❑ Integration tools for interconnection with other blockchains /TBD/

#### 2026

- ❑ Source code audit by a third-party entity



CORE TEAM

We combine our knowledge about current technology in a way that no one has done before.



Vladimir Belomorski  
CEO + Founder

He has an extensive background in IT sales /11 years/, web development /17 years/ and crypto /more than 7 years/. Got extremely involved in the last one, starting with mining and trading and delving into different aspects of it, which naturally led to managing his own crypto project before this one. He firmly believes that crypto as a technology is something far greater than those hollow “rug pull” schemes we’re witnessing nowadays, and when the platform's true potential finally reveals itself, everything will change in an extremely positive direction. With this project, the team is creating something real, something useful, something that will last, and really soon you'll see what this means. Just keep an eye on **SpaceXpanse Multiverse**.



Andrey Velkov  
COO + Co-founder

He is an entrepreneur with long experience in the fields of investment relations, project management and marketing. He is in charge of business operations with two main goals:

- To put the project on the world business map and to find the right partners.
- In a couple of years, **SpaceXpanse** to have millions of satisfied users on a daily basis.

He is also a professional storyteller and published author (4 novels, tens of short stories, his preferred genres are sci-fi and cyberpunk), which will definitely help with the creation of the crown jewel of the platform – the **SpaceXpanse: Wanderers** game, because he has a concept that will blow the minds of the gaming community.



Rady Stoyanov. Ph.D.  
Chief Advisor

He will act as **a project's advisor** and will also overlook the funding efforts.

Dr. Stoyanov has over 20 years of experience in project management, public procurement, contract management, business strategy, risk assessment and business development. He has worked on a variety of projects related to clean energy, renewables, energy storage, strategic infrastructure development, procurement and management of EU-funded projects.

He holds a Ph.D. in Economy from UNWE in Sofia, Bulgaria. He has also completed training in PRINCE2 project management methodology, EU procurement, FIDIC contract management and others.



# SpaceXpanse Multiverse

## The metaverse of the future

### Takeaway

- **SpaceXpanse Multiverse** is a top-notch project that **merges blockchain and AI** to create **a trustless GameFi platform**. This platform, designed for immersive user experience and decentralized applications, provides a space where users can interact and engage without limits.
- Key to the **Multiverse platform** are its core technologies, including the **ROD blockchain**, which powers transactions and storage for **its native utility coin - ROD**, tokens, NFTs, and **a name-value database**. The platform also features **decentralized DNS** for secure domain resolution and **digital IDs** for trustless user authentication.
- Empowering users with innovative features, the platform offers atomic trading for asset exchange and a **Play-and-Earn** model, allowing users to earn rewards while using applications. Development tools like SpeX Library and Democrit facilitate **seamless integration** with third-party applications, while the DappEngine simplifies the **creation of decentralized apps**.
- The Metaverse Simulator is the ultimate **tool for testing 3D virtual environments**, while Metalog will be its inner **decentralized social network**, utilizing the power of Nostr protocol. The **AI-powered chatbot** - D.A.R.M.A., will welcome and assist the users in every possible way. There will be **Startup Hub** that will support projects and initiatives by third parties.
- Our team of devoted professionals with expertise in different fields follows **a structured roadmap**, with stages focused on laying the foundation, scaling up, and community engagement.
- The platform operates under the **MIT license**, promoting collaboration and innovation by granting developers freedom to modify and distribute their software. Also, it ensures transparency through **a registered NGO**, allowing community members to track expenses and contribute to development through donations.
- This is a long-term project that is based on real development and not on mere speculation. The people behind it have the vision, the energy, the knowledge, and the agenda to become major players in the field, so trusting **SpaceXpanse Multiverse** in this early stage is **a once-in-a-lifetime opportunity**.

SPACEXPANSE ROD COIN TOKENOMICS

The ROD blockchain uses dual mining algorithms to ensure security and stability, with blocks generated every 30 seconds and block rewards halving annually for five years, followed by approximately 3% inflation over the next 59 years.

4,615,066,365	1,160,000,000	None
Total Supply	Circulating Supply	ICO/IEO

---

199,999,998	50 000 001	100,000,000
Premine <sup>1</sup>	Burned <sup>2</sup>	Locked <sup>3</sup>

<sup>1</sup> The coins were in the developer's 3 of 4 multisig address /XaY1dLJjXr7tPizEQGSgwEMwchW32vpZXu/: 1/4 was burned and 2/4 were transferred to time-locked addresses to be unlocked in the next two years. The remaining were used to support the development. All unused coins from the premine will be burned accordingly.

<sup>2</sup> Burn Address: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXarcLhe

<sup>3</sup> Locked till block 2108160: XJ42YyhuW1DvckXMedC1qT9VNa9je9gvAG and block 3162240: XW9bp37dYUnw44o2cEgT33vBXFEKFvWL5d

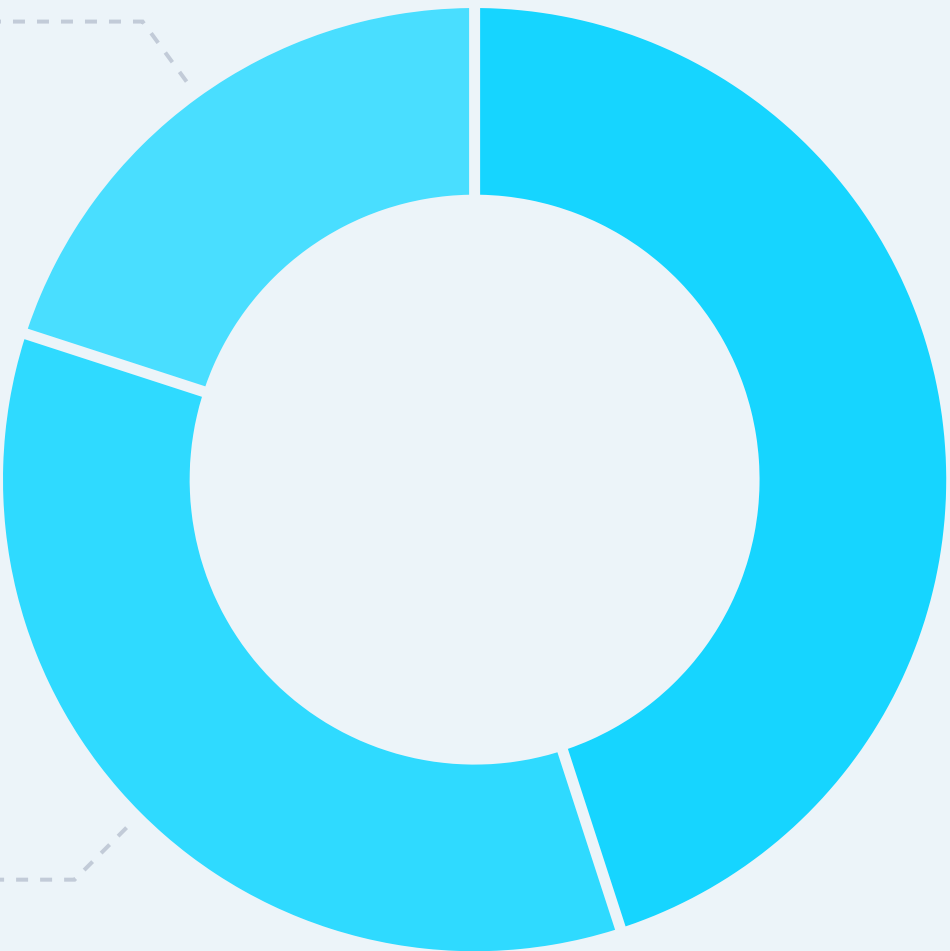


IDEAL INVESTING TERMS FOR CURRENT STAGE

\$100 000 – \$250 000

Research &  
Development

20%



45%

Sales &  
Marketing

35%

Hiring &  
Payroll

IDEAL SPONSOR/INVESTOR

- Our goals are aligned
- You know the market
- You know the risks
- You believe in the project

To become a [sponsor](#), head to  
our NGO page at Open Collective

<https://opencollective.com/spacexpanse-multiverse>

To become an [investor](#), drop us  
an email, declaring your interest

[investors@spacexpanse.org](mailto:investors@spacexpanse.org)

# Appendix

1. Platform's website: <https://www.spacexpanse.org/>
2. Platform's whitepaper: <https://github.com/SpaceXpanse/Whitepaper/wiki>
3. Platform's environment: <https://github.com/SpaceXpanse/Whitepaper?tab=readme-ov-file#the-platform-environment>
4. ROD blockchain tech specs: <https://www.spacexpanse.org/rod-coin.html#specs>
5. ROD coin fundamentals: <https://coinpaprika.com/coin/rod-spacexpanse>
6. GitHub: <https://github.com/SpaceXpanse>
7. Documentation: <https://docs.spacexpanse.org/>
8. Support: <https://discord.gg/uPJdncgrBe>
9. Twitter: <https://twitter.com/spacexpanse>
10. YouTube: <https://www.youtube.com/@SpaceXpanseROD>
11. Other important links: <https://www.spacexpanse.org/rod-coin.html#links>
12. Exploring the Future of Blockchain Gaming: Trends and Opportunities: <https://crypto.com/research/blockchain-gaming-trends-opportunities>
13. Blockchain Game Alliance 2023 State of the Industry Report: <https://drive.google.com/file/d/1Ve5ey9O3Xx9J2RFXMckYFINX3YCHYdsO/view>
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21. <https://www.cryptospace.today/2023/06/sneak-peek-into-future-tech-demo-of.html>
22. <https://www.cryptospace.today/2023/05/presenting-darma-ai-helping-hand-that.html>



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