

SCIENTIFIC-BASED BLOCKCHAIN PROJECT ANALYSIS REPORT

by Selçuk Topal, PhD.



Scientific Based Blockchain Project Analysis is a reflection of web crawler, white paper, Gemini, and OpenAI and my own academic, software, and practical experiences within the framework of scientific articles in the links in the headings of the reports.

There is a gap and deficiency in evaluating both market and scientific facts together in blockchain business setups, which generally appear as either a blockchain invention or a project opening up to the market, and I am reporting this to close this gap.

Although the reports may be considered written in difficult academic language by some circles, I have lightened the language of the articles as much as possible.

I plan to expand my analysis around more comprehensive, detailed, and different scientific realities as time goes by.

Please do not hesitate to contact us for any questions, problems or criticisms.

*All analyzes are my own opinions and do not constitute investment advice.

PROJECT INFORMATION



portuma.com



github.com/portuma/



Audit



[@portumatoken](https://twitter.com/portumatoken)



portumatoken.medium.com



t.me/portumacommunity



info@portoken.com



blog.portuma.com



Portuma

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PROJECT'S RATINGS



Tokenomics



Porter's Five Forces



Systemic Thinking



Cynefin Framework



Business Model Innovation



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TOKENOMICS REVIEW

POR tokenomics excels in creating a holistic business model that addresses the needs and benefits of various stakeholders within the gaming and advertising ecosystem. The emphasis on scalability, security, and sustainability in technology standards is commendable, though further details on the specific technologies would be beneficial. The governance structure is robust and community-focused but could be improved with more transparent and detailed mechanisms.

**Holistic Business Model
Consideration of \$POR**



Technology Standards



Governance



**Tokenomics Average
Rate**



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PORTER'S FIVE FORCES ANALYSIS

The blockchain startup, Portuma, is tackling the challenge of integrating blockchain technology into the gaming industry to create a more rewarding and engaging player experience. They're introducing a Play-to-Earn (P2E) model that empowers players to earn tokens through in-game advertising, allowing them to capitalize on their playtime. This addresses the existing concern of traditional games lacking financial incentives for players, fostering a more engaged and economically beneficial gaming ecosystem. Portuma's unique approach leverages blockchain's transparent and secure nature to manage token rewards, ensuring fairness and transparency. By listing their tokens on exchanges, they are enabling players to convert their in-game earnings into real-world currency, creating a new revenue stream for gamers. This approach not only benefits players but also paves the way for a more sustainable and rewarding gaming landscape. In essence, Portuma is bridging the gap between the traditional gaming world and blockchain technology, fostering a win-win scenario for both players and developers.

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PORTER'S FIVE FORCES ANALYSIS

The MVP for Portuma is a blockchain-based platform that enables gamers to earn tokens while playing games and in-game advertising. Users connect their wallets to the platform and can view their earnings in the "Gamer" panel. \$Por token distinguishes itself by offering in-game advertising and a play-to-earn (P2E) system that rewards players for their engagement. This P2E system is integrated with games, allowing gamers to earn tokens as they see in-game advertisements. The earned tokens can be converted into real fiat money through stock exchange listings. This model differentiates \$Por token from existing solutions by providing a direct link between in-game advertising and user rewards, creating a sustainable ecosystem for both players and advertisers. The MVP focuses on a few key features:

- A user-friendly platform that allows easy connection of wallets.
- Integration with a select number of games with advertising spaces.
- A simple system for tracking and exchanging earned tokens.

By focusing on these core elements, Portuma can quickly validate its concept and demonstrate its unique value proposition to gamers and advertisers alike.

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CYNEFIN FRAMEWORK ANALYSIS

Portuma's critical success factors lie in its ability to achieve significant user adoption, establish itself as a reputable player in the Web3 gaming space, and secure robust partnerships with game publishers. To achieve this, Portuma plans to aggressively onboard users through its Play-to-Earn model, integrating its \$Por token across a diverse range of games and leveraging partnerships with reputable game publishers. Furthermore, Portuma aims to foster user engagement by providing incentives for using Portuma's ecosystem, focusing on its fintech capabilities alongside the integrated Web3 games. The project also seeks to attract investors and increase token value through strategic listing on various exchanges. By consistently delivering on its roadmap, building a strong community around its platform, and fostering innovation within the Web3 gaming space, Portuma hopes to become a leading player in the Play-to-Earn sector.

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CYNEFIN FRAMEWORK ANALYSIS

The token economics of \$Por token strongly align with critical success factors for GameFi projects. Firstly, the play-to-earn (P2E) mechanism allows players to earn tokens while engaging with in-game advertising, directly incentivizing participation and creating a sustainable user base. Secondly, listing on exchanges enables token conversion to fiat currency, providing liquidity and allowing players to realize their in-game earnings. Thirdly, the dynamic yield optimization structure ensures efficient allocation of advertising revenue, contributing to the project's long-term financial sustainability. Furthermore, the roadmap outlines ambitious growth targets, including increasing ad request volume and expanding partnerships with DSPs and ad exchanges. The token economics also emphasize community engagement through contests and rewards for actions like downloads, wallet linking, and referrals, fostering a loyal and active player base. The robust token economics, coupled with strategic partnerships and a clear roadmap, position \$Por token for success in the competitive GameFi landscape. The project's focus on integrating in-game advertising, facilitating token-to-fiat conversion, and utilizing a dynamic yield optimization structure significantly contributes to its potential for success. By creating a sustainable and engaging ecosystem for players and advertisers, \$Por token aims to revolutionize the in-game advertising landscape.

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CYNEFIN FRAMEWORK ANALYSIS

The \$Por token economics model needs to strike a balance between rewarding players, incentivizing game developers, and attracting advertisers. Rewarding players with tokens for viewing ads needs to be attractive enough to encourage engagement but not so generous that it devalues the token. Developers need to be incentivized to integrate the platform, perhaps through a share of ad revenue or a portion of tokens generated through player activity. Attracting advertisers requires a robust and transparent platform with enough users to guarantee a return on investment. Token distribution needs to be carefully considered, with a balance between rewarding early adopters, incentivizing continued use, and maintaining a healthy token supply. Token burn mechanisms can help control inflation and preserve token value, but should be implemented strategically to avoid unintended consequences. A strong community is essential for long-term success, and token distribution can be used to foster engagement and loyalty. Transparency is crucial for building trust with users and investors, and the token economics model should be clearly defined and easily understood. The model needs to be adaptable to changing market conditions and user preferences to ensure long-term sustainability. Ultimately, the token economics model must be designed to create a win-win situation for all stakeholders: players, developers, and advertisers.

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SYSTEMIC THINKING ANALYSIS

Portuma leverages the foundational principles of blockchain technology to create a decentralized and transparent ecosystem for in-game advertising.

1. Decentralization: Blockchain ensures that control over the Portouma network is distributed among users, rather than being centralized in the hands of a single entity. This enhances security and reduces the risk of censorship or manipulation.

2. Immutability: Once a transaction is recorded on the blockchain, it cannot be altered or deleted, providing a permanent and tamper-proof record of all activities. This ensures the integrity of data and prevents fraudulent actions.

3. Transparency: All transactions on the blockchain are publicly viewable, allowing anyone to track the flow of \$Por and ensure fairness and accountability.

4. Smart Contracts: These self-executing programs automate the distribution of Portoken to players based on their engagement with in-game ads. This eliminates the need for intermediaries and ensures fair compensation.

5. Tokenization: \$Por, the native cryptocurrency of the platform, represents value and facilitates transactions within the ecosystem. Players earn tokens for their engagement with in-game ads and can use them for various purposes within the game or exchange them for fiat currency.

These principles combined enable \$Por token to build a secure, transparent, and decentralized platform for in-game advertising, fostering a fair and rewarding experience for both players and advertisers.

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SYSTEMIC THINKING ANALYSIS

TPortuma project's value drivers are centered around its Play-to-Earn (P2E) model, blockchain integration, and innovative revenue streams. The token, \$POR, serves as the primary currency within the ecosystem, allowing players to earn rewards for engaging with in-game advertising. The project leverages its blockchain infrastructure to create a transparent and secure environment for token transactions. This enhances trust and accountability, attracting both players and investors. Portoken's business strategy focuses on integrating its P2E model with existing game publishers, leveraging their established user bases to drive token adoption. By facilitating in-game advertising, Portoken creates a mutually beneficial ecosystem where game developers gain access to new revenue streams, and players receive rewards for their engagement. The project also aims to establish itself as a fintech platform, enabling \$POR to facilitate in-game payments and transactions, further enhancing its value proposition.

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SYSTEMIC THINKING ANALYSIS

Portuma's token economics can be optimized by aligning with fundamental blockchain principles. First, a clear utility for the \$POR token should be established beyond just in-game rewards. Second, the token distribution model needs review. Third, a robust token burn mechanism should be implemented to control supply and increase scarcity. Fourth, decentralized governance can be incorporated by enabling token holders to vote on platform upgrades and future developments. Fifth, a dynamic token pricing mechanism can be introduced to incentivize token usage and maintain its value. Sixth, transparency and accountability are essential. Seventh, Portuma should foster a strong community and build partnerships to drive adoption. Eighth, implement a system for rewarding players and developers who contribute to the ecosystem's growth. Ninth, ensure that the token design encourages long-term engagement and value creation. Finally, by consistently iterating and adapting based on community feedback, \$Por can achieve a sustainable and thriving token economy.

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BMI ANALYSIS

The project leverages blockchain technology to create a decentralized platform for in-game advertising. This allows gamers to earn tokens by viewing ads, fostering a new model of value creation within the gaming industry. The blockchain model offers benefits like transparency, security, and immutability, ensuring fairness and trust in the token distribution and advertising processes. A potential risk is the volatility of cryptocurrency markets, which could impact the value of earned tokens and disrupt the ecosystem. The project's blockchain model facilitates a direct and transparent value delivery mechanism, enabling gamers to earn tokens directly from their in-game activities. This also enhances the value capture function for advertisers, offering them a cost-effective and targeted method for reaching their desired audience within the gaming world. The blockchain acts as a decentralized ledger, streamlining the value chain and fostering direct engagement between gamers, advertisers, and the platform. This creates a robust value network, where participants are incentivized to contribute and benefit from the ecosystem through transparent token distribution and a clear revenue model. However, the project's success hinges on attracting a large enough player base and securing partnerships with leading advertisers to ensure sustainable token value and user engagement. The blockchain-based model aims to revolutionize the traditional in-game advertising landscape, creating a win-win situation for both gamers and advertisers. Its success will depend on navigating the challenges and harnessing the opportunities inherent in the evolving blockchain and gaming industries.

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BMI ANALYSIS

The blockchain model of Portuma empowers a new era of in-game advertising, bringing together gamers, publishers, and advertisers in a mutually beneficial ecosystem. This innovation goes beyond traditional ad placements, introducing a play-to-earn model where gamers earn tokens while interacting with ads. Portuma's blockchain integration enables a decentralized and transparent platform, fostering trust among all stakeholders. This transparent system allows for a sustainable economy where ad revenue is used for token buybacks, redistribution to players, and token burning, preventing inflation. The blockchain facilitates secure and efficient token transactions, creating a new revenue stream for publishers and fostering engagement within the gaming community. Portuma's blockchain-based approach empowers a more equitable and decentralized governance model for the gaming industry. This paradigm shift enables players to have a direct influence on the development and direction of the games they enjoy. The blockchain facilitates the creation of new activities within games, such as earning tokens through in-game advertising, fostering a more participatory and rewarding gaming experience.

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BMI ANALYSIS

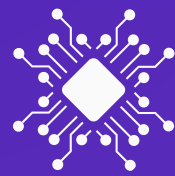
Portuma project leverages blockchain technology to revolutionize in-game advertising, offering a win-win scenario for both gamers and advertisers. It empowers gamers to earn tokens while playing by viewing in-game advertisements, creating a novel revenue stream for players. This innovative business model fosters user engagement and loyalty by incentivizing gamers to actively participate in the advertising ecosystem. Portuma's blockchain infrastructure ensures transparency and security in token transactions, building trust among users and creating a robust and reliable platform. The platform facilitates seamless conversion of earned tokens into real fiat money through listing on exchanges, enabling gamers to monetize their engagement. This innovative model addresses the long-standing challenge of intrusive and disruptive in-game advertising by making it mutually beneficial for both players and advertisers. By integrating blockchain technology, Portuma introduces a novel paradigm in the gaming industry, fostering a sustainable and rewarding ecosystem for both participants.

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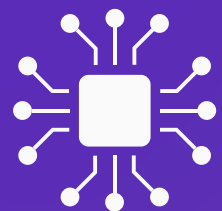
CONCLUSION



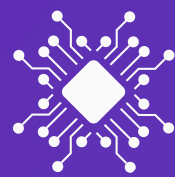
Portuma, a blockchain project, is revolutionizing the gaming industry by introducing a Play-to-Earn (P2E) model that rewards players for engaging with in-game advertisements. This innovative approach leverages blockchain technology to create a transparent and secure ecosystem, fostering trust and ensuring fair distribution of rewards.



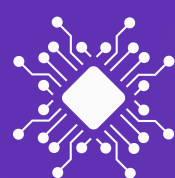
Portuma platform empowers players to earn tokens through their gameplay, which can be converted to real-world currency, creating a new revenue stream for gamers. This not only benefits players but also offers advertisers a cost-effective and targeted way to reach their desired audience. Portuma's success hinges on several key factors, including its ability to achieve significant user adoption, secure partnerships with leading game publishers, and establish itself as a reputable player in the Web3 gaming space.



The project's roadmap outlines ambitious growth targets, including increasing ad request volume and expanding partnerships with DSPs and ad exchanges. The project's token economics are designed to incentivize user engagement, reward players for their participation, and attract advertisers seeking to reach a specific audience. The platform's tokenomics are strategically aligned with critical success factors for GameFi projects, ensuring efficient allocation of advertising revenue, fostering a sustainable user base, and promoting long-term financial sustainability.



However, challenges remain in navigating the volatility of cryptocurrency markets, attracting a large enough player base, and securing partnerships with leading advertisers to ensure sustainable token value and user engagement. Portuma's blockchain-based model represents a paradigm shift in the gaming industry, creating a more equitable and decentralized governance model.



The platform aims to foster a more participatory and rewarding gaming experience by allowing players to directly influence game development and direction. This innovative approach has the potential to revolutionize the traditional in-game advertising landscape, offering a win-win scenario for both gamers and advertisers.