

Epics White Paper

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Epics DAO



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1. Executive Summary



Epics is a social contribution blockchain game. Let's realize a sustainable open software development environment for a better society. Gamification with incentives creates a virtuous circle where more play solves social problems.

In 2022, 97% of the world's software contain Open-Source code, and 90% of companies use it in their businesses (2022 Synopsys: OSSRA, 2022 GitHub: Octoverse, The state of open source software). Open-Source software can be freely used by anyone for free and is developed and improved by developers worldwide, so it is of high quality. Therefore, the mainstream is combining Open-Source software to create software for your business. Open-Source software is the core of modern innovation, but its development environment has problems. The "percentage of open-source software in all codebases," which was 10% in 2010, has increased sharply to 78% (2022 Synopsys: OSSRA) in 2022, an eightfold increase in about ten years. Even though the cost of developing and maintaining

Open-Source software continues to rise, enthusiastic developer volunteers still do it free of charge.

Due to this severe lack of resources, many projects have been forced to stop development despite their high usage. As the number of bugs increases and usage increases, many problems still need to be addressed. “Percentage of open-source code with high-risk vulnerabilities” is 48% (2023 Synopsys: OSSRA). As a result of ignoring the increased development costs, unfortunately, the current situation is that about half of the software has been exposed to danger.

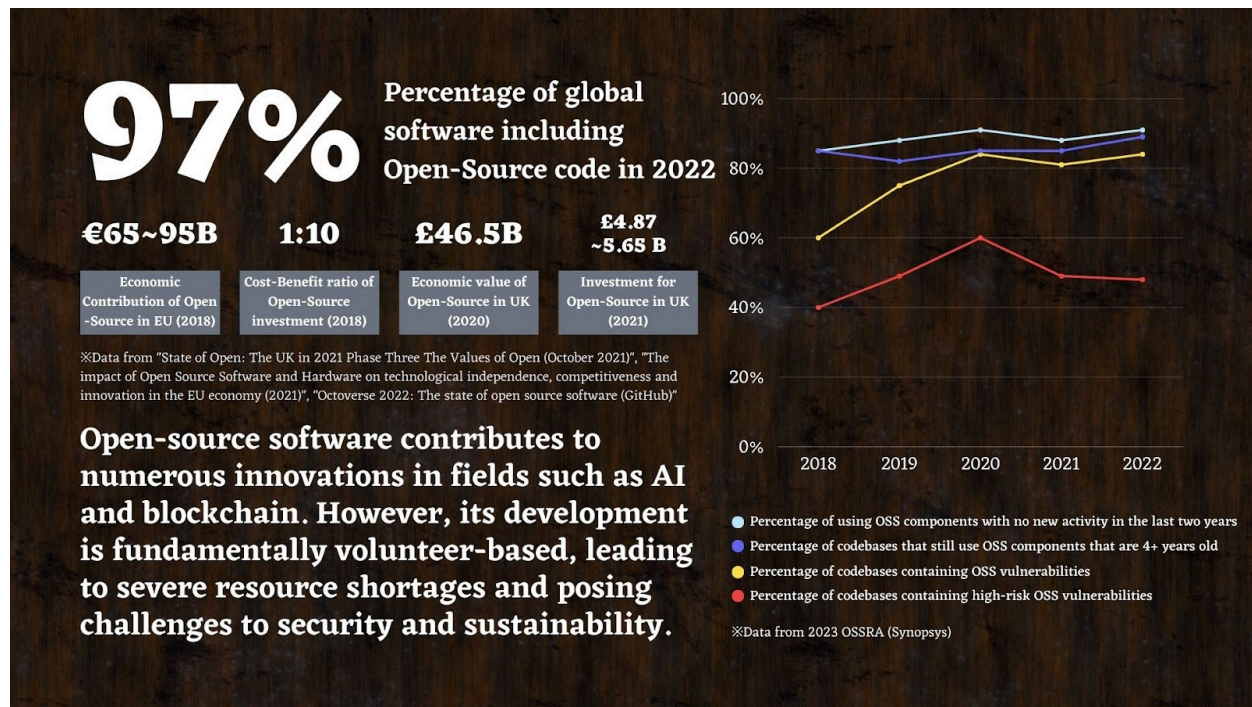
On the other hand, the cost-effectiveness of investing in Open-Source software is high. The European Commission will publish its first study and paper on the economic impact of open-source in 2021, reporting a high cumulative contribution of 1:10 to the EU's GDP in 2018 (2021 European Commission: The effect of Open Source Software and Hardware on technological independence, competitiveness, and innovation in the EU economy).

It is a socially critical mission to increase active investment in Open-Source. Epics DAO accomplishes this mission by developing and operating a social contribution blockchain game.

There are three missing resources in Open-Source software development. Development resources and funding, and awareness of the issue. Epics players can choose one of three jobs, Dev (development), Investor (investor), and Degen (PR), and earn a lot of points by taking corresponding actions (development, investment, PR).

The game awards point for contributions to real-world Open-Source software development, and stats rise accordingly, showing that strong players contribute to open-source. In other words, your Epics status now represents your social contribution, and that contribution is designed to lead to rewards. We will build a virtuous community ecosystem where players seek their incentives and solve social problems by enjoying the game.

2. Challenges of Open-Source Software Development



Starting from the Linux OS used in most web servers that support the Internet worldwide, many programming languages such as C language, Java, and Ruby, application peripheral technologies such as WordPress, and blockchain technologies such as Bitcoin and Ethereum. There are various Open-Source software projects.

Today, Open-Source software is a source of innovation, and its importance is increasing daily. 97% of the world's software contains open-source code in 2022 (2022 Synopsys: OSSRA), and 90% of companies use open-source for business (2022 GitHub: Octoverse, The state of open source software). Open-Source software can be freely used by anyone for free and is developed and improved by developers worldwide, so it is of high quality. Therefore, the mainstream is combining Open-Source software to create software for your business. The "percentage of open-source software in all codebases", which was 10% in 2010, will increase to 78% (2022 Synopsys: OSSRA) in 2022, an eight-fold increase in about 10 years, and its adoption has spread rapidly.

However, despite the increasing popularity of Open-Source software, development and management costs continue to rise as well, yet they are still done free of charge by enthusiastic developer volunteers. Dealing with many problems daily comes at a huge cost but without reward. In such an environment, even developers of important Open-Source software used worldwide find themselves in poverty, and to avoid that poverty, updates of software essential to many people stop. A severe shortage of resources has become a problem. People who have contributed significantly to developing and maintaining software used worldwide for innovation and product development are impoverished because of their development and maintenance work. This is a big problem.

Due to this resource shortage situation, despite developers dedicating their free time to improve efficiency, OSS (Open-Source Software) vulnerabilities still exist at a high rate, even though there is a lot of use. Despite this, the number of Open-Source libraries whose development has stopped continues to increase.

According to Synopsys' OSSRA report in 2023, as of 2022, 91% of commercial software will contain "Open-Source code that has not been maintained for more than two years." as well as in the report, "If no feature upgrades, code improvements, or security remediation activities occur for 24 months, the project may not be maintained at all."

In fact, it is reported that about half of the software, 48%, contains Open-Source code with high-risk security vulnerabilities.

The world's software is at risk due to ignoring rising development costs.

On the one hand, the return on investment in Open-Source software is high. The European Commission published its first study and paper on the economic impact of open-source in 2021, reporting a very high 1:10 cumulative contribution to EU GDP in 2018. (2021 European Commission: The effect of Open Source Software and Hardware on technological independence, competitiveness, and innovation in the EU economy). Investments and

donations to Open-Source software development, which are still small in scale, contribute greatly to the development of society.

As mentioned above, Open-Source software has spread rapidly, and now approximately 90% of all companies are using Open-Source for business (2022 GitHub: Octoverse, The state of open source software). Open-Source software serves as a public good, and its value is immense. In fact, in recent years, government agencies in the EU and the UK have reported one after another that Open-Source software has high economic value and a very high return on investment, confirming that it is bringing significant benefits to society as a whole.

Increasing active investment in Open-Source software development is a socially critical mission.

3. Blockchain Game for Social Contribution

Epics

Players choose their each jobs.

Three Jobs Necessary for Solving Open-Source Challenges

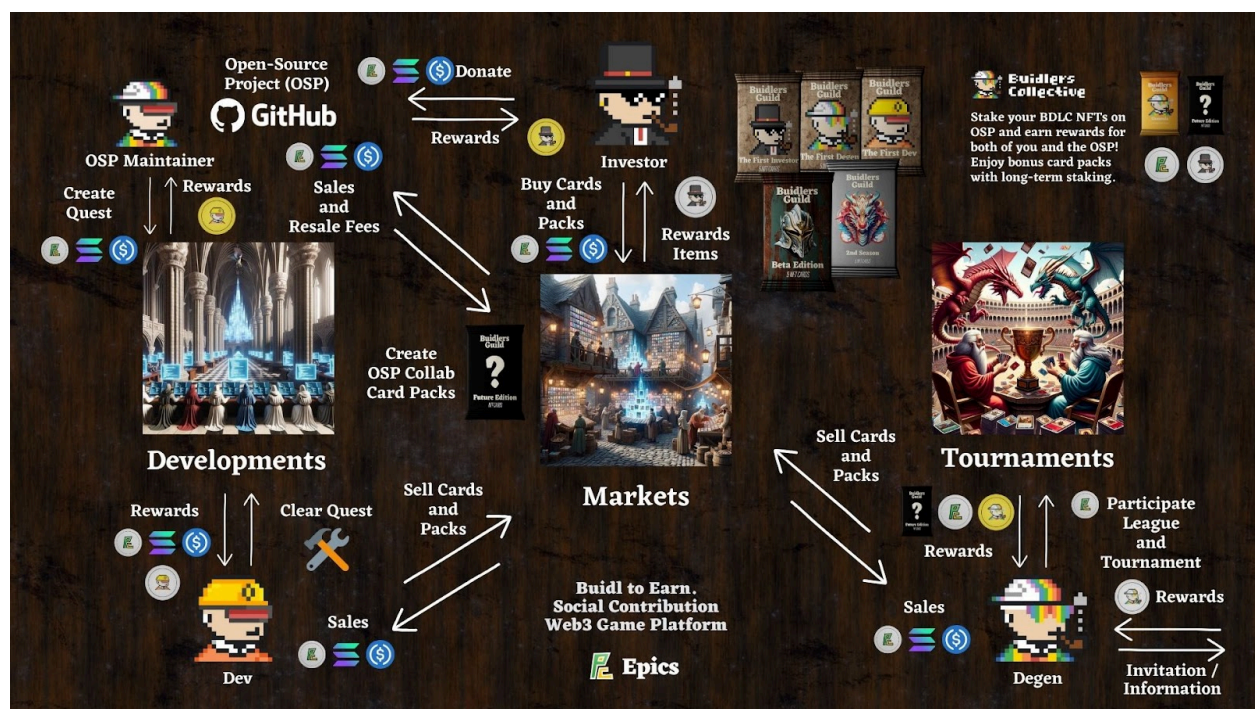
Job	Character	Proficient Actions	Bonus
Dev: Development	Pixel art character wearing a yellow hard hat and orange shirt.	<ul style="list-style-type: none">Resolving GitHub Issues (bugs and other problems)Discovering unknown vulnerabilities	If you choose Dev as your job, the Dev Coins you earn from these proficient actions will increase by 20%.
Investor: Investment	Pixel art character wearing a black top hat and a suit with a red tie.	<ul style="list-style-type: none">Purchase of Project Collabo NFT Card PackStaking NFTs to Open-Source Projects	If you choose Investor as your job, the Investor Coins you earn from these proficient actions will increase by 20%.
Degen: PR	Pixel art character wearing a white hard hat with a rainbow band and a rainbow shirt.	<ul style="list-style-type: none">Disseminating information and hosting local eventsNFT card game tournaments and league matches	If you choose Degen as your job, the Degen Coins you earn from these proficient actions will increase by 20%.

Open-Source software development has three significant deficiencies.

Development resources and funding, and awareness of the issue.

Epics game players first choose one of three jobs: Dev, Investor, and Degen. As a developer, Dev can solve Open-Source issues on GitHub and participate in bug bounties to earn many coins. Investors can get many coins by investing in Open-Source projects, and Degen by spreading the word about this social problem of lack of resources for Open-Source development and the Epics platform that solves it.

In this way, the three jobs address the three major elements needed for open-source development: development resources and funding and awareness issues.



The Epics platform introduces a new way to provide appropriate incentives for the three crucial resources for a project: development, funding, and PR. This platform fosters collaboration among community members with different roles, such as developers,

investors, and PR activists. The goal is to enhance support for open-source software development, ensuring sustainable development, global software security, and further quality improvement.

On the Epics platform, contributions to open-source can earn you card packs for use in the NFT card game "Buidlers Guild." The type of card obtained varies depending on the nature of the work—development, investment, or PR—creating a supportive ecosystem where everyone encourages completion of each other's tasks. Even users who do not play the card game can find value in acquiring card packs, as there is demand from game players. Moreover, if a valuable card is obtained, it can be traded on the market, making the platform enjoyable for users in any position.

4. New Economy with Blockchain Technology



By utilizing blockchain, it is now possible to build an environment that could not be realized before. It is possible to return profits to the community through the token

economy while reducing costs such as the omission of middlemen and the management of sending and receiving money that sometimes involves complicated international remittances.

By giving correct rewards to the contributors to the community and platform according to their degree of contribution, it will be possible to operate the community and platform more healthily and have the potential to solve many social issues.

In the case of Epics, by developing a game platform linked to the real-world problem of a severe lack of resources for Open-Source software development, there are incentives for developers, investors, and public relations, and each has fun and incentives to solve social problems.

We believe that the "New Economy" that combines blockchain and gamification will solve problems that have not been solved until now.

5. Token Economics



Token Name	Epics Token
Type	Utility Token
Ticker	EPCT
Total Supply	1,000,000,000 (After Max Burned: 100,000,000)
Token Address	CvB1ztJvpYQPvdPBePtRzjL4aQidjydtUz61NWgcgQtP

On the Epics platform, it is possible to invest and donate to Open-Source projects, bug bounties, and bounties for GitHub issues and use EPCT in the game. Tokens such as USDC and SOL can also be used on the Epics platform (8% fee), but EPCT has the advantage of being available with a low fee (3%). 33% of the platform fees sent to Epics DAO will be burned until the total supply reaches 100,000,000. After the max burn, this amount will



go toward Epic League rewards. Of the remaining 67% of platform fees, 80% goes to Epics Treasury, and 20% goes to Epics DAO Insurance Treasury.

Token Allocation

GENESIS Presale : 5%

20% at GENESIS Presale, 60 months linear schedule with 6 months cliff

Presale for IDO : 2%

20% at Presale for IDO, 60 months linear schedule with 2 months cliff

Seed Extension Round Fundraising : 2%

0% at Series A Fundraising, 48 months linear schedule with 3 months cliff

Grants for Open-Source Projects : 4%

100% at Grants for Open-Source Projects. (Needs audit from the team.)

Core Team : 10%

80% at TGE, 60 months linear schedule with 6 months cliff

Project Contributors : 4%

64 months linear schedule with 2 months cliff

Liquidity Fund : 10%

10% at TGE, 64 months linear schedule with 2 months cliff

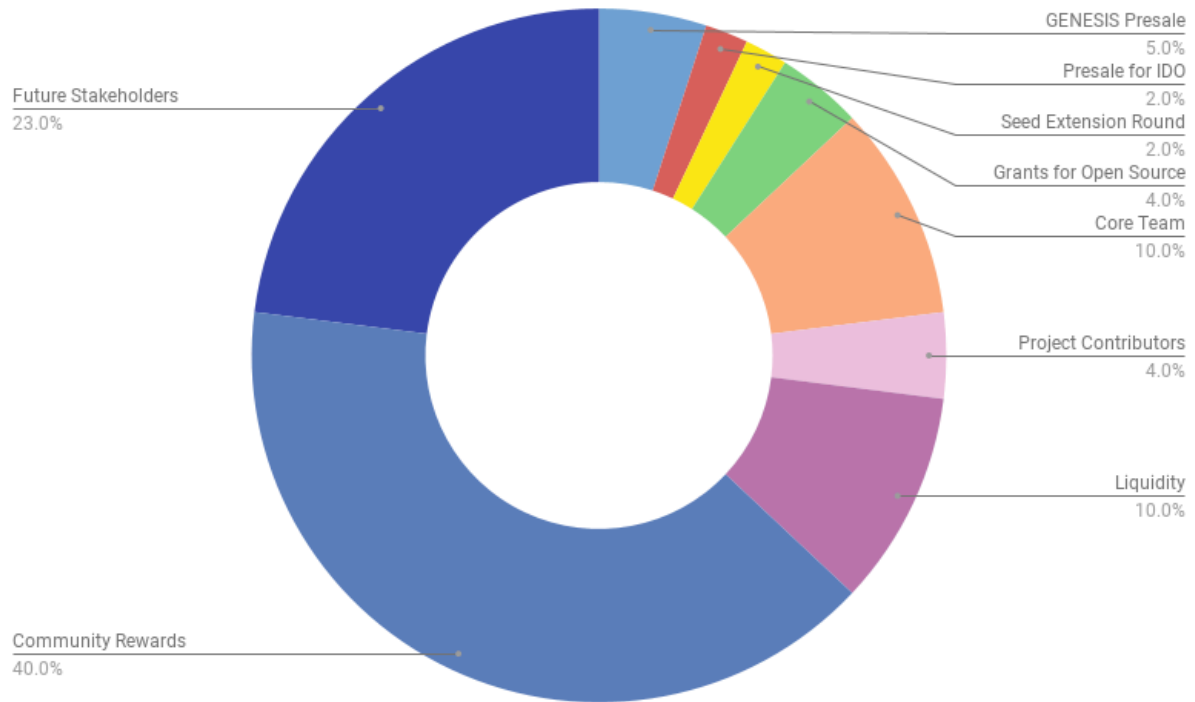
Community Rewards : 40%

63 months linear schedule with 3 months cliff

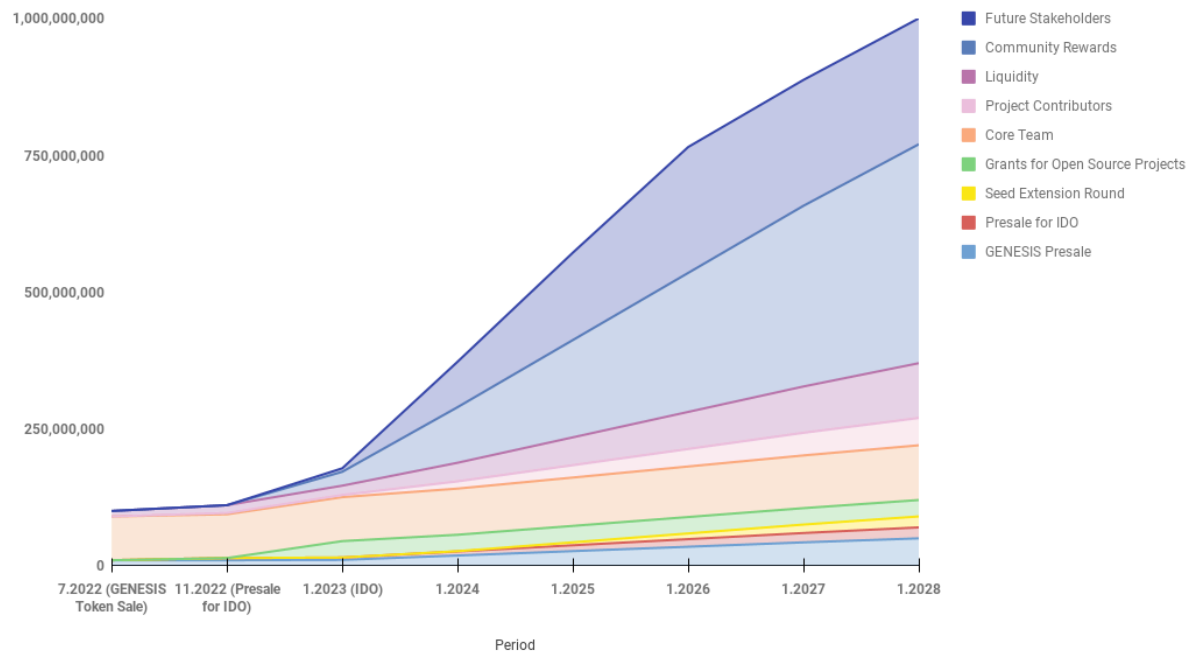
Future Stakeholders : 23%

36 months linear schedule with 6 months cliff





EPCT Token Economics



Governance

All important decisions regarding the DAO's direction, Epics Treasury budget, etc., will be made via online voting. 1 EPCD can be obtained in exchange for 1,000 EPCT, and voting is done with his 1 EPCD as 1 vote. For open governance, anyone with 1EPCD can submit a proposal. URL: <https://app.realms.today/dao/EPCT>

* EPCD will be released to the general public after the launch of the EPCT-EPCD dedicated exchange in February 2026.



Token Name	Epics DAO Token
Type	Governance Utility Token
Ticker	EPCD
Total Supply	30,000
Token Address	6TTYS8E8ziSkyPZ7NHzhUe6vr8qXRBf8RKLUBXxmpBVW

6. Roadmap

2022.6 Epics Lite Paper, TGE (Token Generate Event)

2022.8 Epics White Paper v1

2022.9 Epics Alpha Launch, Solana Summer Camp Hackathon 5th Prize

2022.10 WBSO (Advanced R&D) Certified by the Dutch Government

2022.11 GitHub issue Data Oracle Collaborative Development (DIA)

2023.1 IDO \$EPCT on Orca (Solana DEX)



- 2023.4** Epics DAO became a Solana Testnet Validator
- 2023.12** Epics Platform Beta Launch
- 2024.2** \$EPCT Listed on Meteora (Solana DEX)
- 2024.4** NFT Card Design Reveal, NICONICO CHOKAIGI 2024, ENASE 2024
- 2024.5** Epics DAO became a Solana mainnet validator
- 2024.8** WebX 2024
- 2025.4** Launch of Solana-Specialized Global Edge Data Center
- 2025.6** NFT Card Game Design Renewal
- 2025.8** NFT Card Game Alpha pack Card List reveal begins
- 2025.10** Epics Beta Platform Migration to Solana v2
- 2025.11** 2nd Collection NFT Card Pack, Limited Edition Card List Release
- 2025.12** NFT Card Pack Opening Ceremony
- 2026.2** Bug Bounty Platform Launch
- 2026.4** \$EPCD Exchange Launch
- 2026.6** NFT Card Game β Test Begins
- 2026.12** Major Release of Epics Platform, General Release of the NFT Card Game
- 2027.4** IEO \$EPCT

7. Core Team

Originally, Kawasaki founded a software development company in Japan in 2012 and was engaged in developing and operating cloud applications for customers such as US government agencies in Japan. At the development camp in California in the spring of 2020, the team was impressed by the speed of blockchain technology Solana and immediately started research and development. Established ELSOUL LABO B.V., a software laboratory for blockchain technology, in Amsterdam, the Netherlands, in the fall of 2020. The team is researching blockchain technology, focusing on Solana, operating nodes as a validator for the Solana chain, and contributing to the Solana Labs GitHub repository as a committer.

Fumitake Kawasaki

Co-founder



Software researcher. He is strong in the back-end, cloud infrastructure, and smart contract development, is also good at improving the efficiency of development work, and has invented many tools. The serverless framework "SOULs" developed to solve the problems at the development site has been certified as an advanced research and development project (WBSO) by the Dutch government.

Shota Kishi

Co-founder



Software researcher. With strengths in front-end development, we can develop user-friendly UX multi-platform applications through human-centered design. Since he participates in the back-end, cloud infrastructure, and smart contract development, he can design and develop applications while considering the overall balance. Contributor at Solana Labs.

James Neve

Technical Advisor



AI researcher. He holds a Ph.D. in Machine Learning and has published eight academic papers. His broad and deep coverage of back-end, front-end, and machine learning enables him to solve his team's toughest problems. His multifaceted approach allows him to maximize the quality of his products.

8. Links

Epics DAO Official Website	https://epics.dev/
Epics Platform	https://app.epics.dev/
CoinGecko (\$EPCT)	https://www.coingecko.com/en/coins/epics-token
Epics DAO Governance	https://app.realms.today/dao/EPCT
Epics DAO Community Discord	https://discord.gg/GmHYfyRamx
Buidlers Collective (BDLC) NFT Official	https://buidlers.epics.dev/
BDLC NFT Market (Open Sea)	https://opensea.io/collection/buidlersc/
BDLC NFT Market (Magic Eden)	https://magiceden.io/marketplace/buidlersc
Epics Token (\$EPCT)	https://explorer.solana.com/address/CvB1ztJvpYQPvdPBePtRzjL4aQidjvdtUz61NWgcgQtP
Epics DAO Token (\$EPCD)	https://explorer.solana.com/address/6TTYs8E8ziSkyPZ7NHZhUe6vr8qXRBf8RKLUBXxmpBVW
Epics DAO Twitter	https://twitter.com/EpicsDAO2
Buidlers Collective Twitter	https://twitter.com/BuidlersC2

Thank you for reading until the end.

We invite you to join the Epics Discord community if you are interested in our activities.

We would be delighted if you support us.

Thank you very much.

