

DART

Digital Assets Risk and Trustworthiness Assessment

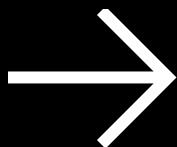


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PROJECT INFORMATION

Robonomics

Project Category: Parachain(DEPIN)

Official Website: <https://robonomics.network/>

Blockchain/Platform: Polkadot Network

Brief Description: Built on the Polkadot network, Robonomics connects IoT devices and smart cities with decentralized technology. It enables secure data sharing, automation through smart contracts, and real-time communication for IoT systems. By leveraging Polkadot's scalability and interoperability, Robonomics supports use cases like decentralized manufacturing, environmental monitoring, and smart city management.

Prelude: This review presents the risk factors associated with the given project and provides an analysis and respective overall risk rating as per a prescribed methodology.



TEAM COMPOSITION

The Robonomics team is comprised of the following individuals:

Robonomics does not provide a detailed list of team members on its official website, aside from limited information about the founder. Unfortunately, there's no publicly available data on other team members, including their names, roles, social media profiles, or past contributions. A comprehensive list of team members with verified details, such as names, roles, social handles, photos, and links to their work, would greatly enhance the project's credibility and transparency. This lack of information also makes it challenging to assess the team's structure or confirm the involvement of any notable advisors.

Sergei Lonshakov, Founder & Software Architect

In addition to being the Software Architect and founder of the Robonomics, Sergei is also the Project Team Lead at Airalab, and formerly held roles at different organizations as a Team lead and a Data modeler. Sergei earned a degree from ITMO University in Information Technology.

There were a few other individuals that appear to be part of the project as follows (however, these are unconfirmed given the lack of more formal and up-to-date information):

Vitaly Bulatov, Alex Man (Advisor), **Dillon Hanson** (Business Developer), **Makar Cherniaev** (Software and IoT Engineer), **Landa Hans** (Scientific Researcher), and **Ivan Berman** (Scientific Administrator).

TEAM

The Robonomics team structure

Given the lack of information, further assertions cannot be made on the team structure.

The Robonomics supporters

Robonomics had announced in the past partnerships with Crust Network, alongside collaborations with Moonriver, RMRK, and Ocean Protocol. The team had an ICO back in the 2017–2020 period, however, there were no notable backers identified.

The Robonomics connections

There were connections identified.

The Robonomics concerns

There are minimal details about the Robonomics team beyond the founder, Sergei Lonshakov. There is no formal information on the other team members, their roles, or their professional backgrounds. This lack of transparency makes it difficult to verify the team's identity, expertise, assess its structure, or evaluate its credibility. While Sergei has a respectable background with no negative media associations, a single individual's profile is insufficient to establish the overall team's reputation or track record.

GITHUB & CODE QUALITY

At the moment of writing this report, the Robonomics network is fully open-source, with its GitHub featuring 62 followers, 3 projects, and 117 repositories. The primary development languages include Python, Vue, JavaScript, Rust, and Shell. The project demonstrates a good level of recent activity with frequent commits and contributions from multiple developers, reflecting consistent progress. The documentation is thorough and well-organized, adhering to good software development practices, which enhances accessibility for contributors and users. The project's GitHub activity and commitment to open-sourceness suggest a robust and collaborative development process.

SOCIAL MEDIA & COMMUNITY

Community size and activity

The Robonomics network's X account has over 30K followers and more than 1K posts. On YouTube, the project maintains over 2K subscribers and 200 videos, which receive a solid number of views relative to the subscriber base, reflecting consistent monthly content generation during the last quarter of 2024. Its Discord server hosts a community of over 2K members, with active general chats and a dedicated channel for scam reporting, which currently has no reports. However, on LinkedIn, the project has close to 500 followers but shows no identifiable activity.

Quality of interactions

Despite the size of its X account's following, engagement levels for comments appear relatively low compared to the size of its fan base. On Discord, the interactions in the general chat are active and engaging, suggesting a focused and participatory community. The consistent content creation on YouTube also indicates a commitment to keeping followers informed and involved, adding to the network's credibility and perceived dedication.

Red Flags and Risks

The Robonomics project lacks an official presence on key platforms such as Telegram and Reddit. This absence creates potential risks, as scammers could exploit these gaps to impersonate the project. To mitigate this, the project could ensure website links and disclosures clearly address its official communication channels to prevent misinformation and protect its community. Additionally, LinkedIn's inactivity could hinder visibility among professionals and broader audiences.

BUSINESS MODEL

The Robonomics Network's business model demonstrates robustness and sustainability by addressing the growing demand for secure, autonomous IoT and blockchain integration. Its clear value proposition to users lies in enabling decentralized IoT solutions that enhance automation, data security, and efficiency for industries like smart cities, supply chains, and healthcare.

Robonomics leverages Polkadot's advanced interoperability and scalability, ensuring its solutions are well-positioned for future growth. The focus on decentralized IoT and Industry 4.0 aligns with global trends, ensuring the business model remains relevant as automation and blockchain adoption expand. However, its scalability to manage large-scale IoT networks remains a challenge, which needs continuous innovation. The network's unique offering of integrating IoT devices with blockchain-based automation is a strong differentiator. Features like liability smart contracts, decentralized digital twins, and the Autonomous Intelligent Robot Agent (AIRA) enhance operational efficiency, reduce costs, and ensure transparency, making it highly attractive to enterprises.

The token is a fundamental component of the project's business model as it is utilized to pay for fees associated with using services within the ecosystem. This coupled with the Robonomics Web Services provides a business model that can allow for a sustainable development of its IoT ecosystem.

CONCLUSION AND SCORE

Conclusion

Based on the above comprehensive review, the Robonomics Network demonstrates strong potential in its business model and the innovative use of decentralized IoT and blockchain integration. The project offers a clear value proposition for industries like smart cities, supply chains, and healthcare through automation, data security, and efficiency. However, there are notable weaknesses in transparency, particularly regarding the team's reputation and partnerships, which impact the overall credibility of the project. Additionally, the Robonomics community engagement is moderate, with room for improvement in terms of presence on key social media platforms and interaction levels.

Score

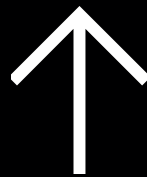
As per the reasons mentioned above, Robonomics has achieved four out of five stars. While the project presents innovative solutions and has a robust technical foundation, challenges like limited team transparency, unverified partnerships, and moderate community engagement need to be addressed for the project to reduce its risk and improve investor confidence. We recommend potential investors or users to monitor the project's developments closely, particularly the areas requiring greater transparency and social media presence. As always, conduct your own research and stay updated with the project's official communications.

CONTACT US

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[Discord Community](#)



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TEAM