



Recycling for a Sustainable Future

THE WHITEPAPER

Learn how RVM Token is promoting eco-consciousness and reducing our carbon footprint.



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ABSTRACT

Revolutionizing Recycling: Introducing RVM Token for Sustainable Waste Management

Background: RVMPlus is currently in the initial bootstrapping phase and is entirely self-funded under Mini Mall SDN. BHD is committed to revolutionizing the recycling industry and fostering a sustainable future on a global scale. With global waste generation reaching record levels and recycling rates remaining alarmingly low, the need for innovative solutions has never been greater. According to World Bank data, the world generates approximately 2.01 billion tonnes of municipal solid waste annually, and only about 13.5% of this waste is recycled. RVMPlus recognizes this urgent challenge and aims to address it by deploying cutting-edge reverse vending machines (RVMPlus) worldwide. These machines leverage advanced technology to incentivize recycling and promote environmental stewardship, aiming to transform recycling habits globally. The company originated in Malaysia and leveraged it as a launchpad to expand into other Southeast Asian countries before eventually branching out globally.

Objective: The objective of RVMPlus is to address the underlying challenges of the limited recycling ecosystem in Malaysia, including poor infrastructure, contamination of plastic waste, unmotivated consumers, and an awareness gap. Originating in Malaysia, the company utilized it as a springboard to extend its operations into other Southeast Asian nations before scaling globally. RVMPlus endeavors to provide a formal recycling infrastructure, reducing contamination, introducing incentives, and enhancing community involvement. RVMPlus aims to make recycling easy, efficient, and rewarding for all.

Solution: RVMPlus offers an innovative solution through its advanced reverse vending machines (RVMs), which blend sensors, AI recognition, and secure data management to simplify and reward recycling for users. Presently, we facilitate the recycling of plastic bottles and aluminum cans. During phase 2, our machines will seamlessly and hygienically accommodate glass bottles, with the flexibility for clients to customize them according to specific requirements.

Benefits: By incentivizing consumers with rewards and facilitating brand engagement through customizable RVMs, RVMPlus aims to change consumer behavior toward recycling. Endorsements from industry leaders such as Plastictecnic (M) SDN BHD and Cenviro (the biggest waste management company owned by Khazanah Nasional Berhad) further, enhance RVMPlus's ability to create a positive impact on the environment.

Conclusion: The RVM token presents an opportunity for individuals and businesses to contribute to a greener future while potentially realizing financial returns. However, users are advised to exercise caution and conduct thorough research before engaging in any transactions involving the RVM token.



I - Introduction

OUR VISION

At RVM, we envision a world where recycling is not just a necessity but a rewarding and empowering experience for all. We strive to revolutionize the recycling industry and promote a sustainable future by deploying cutting-edge technology and innovative solutions. Our vision is to create a global recycling-integrated ecosystem where ease, fulfilment, and circular economy unite, empowering individuals to make a positive impact on the environment. Through our commitment to deploying advanced reverse vending machines and fostering strategic partnerships, we aim to transform waste management practices, promote recycling, and reduce the environmental impact of single-use containers. Together, we envision a greener, cleaner, and more sustainable world for generations to come.

OUR MISSION

At RVM, our mission is to empower individuals and communities to embrace recycling as a rewarding and effortless habit. We are dedicated to developing and implementing innovative solutions that address the pressing global issue of waste management while promoting environmental sustainability. Through the deployment of cutting-edge reverse vending machines (RVMs) and strategic partnerships, we aim to simplify and incentivize recycling, making it accessible and rewarding for all. Our mission is to foster collaboration, raise awareness, and drive active participation in recycling efforts, ultimately contributing to a greener, more sustainable future for our planet. With a focus on efficiency, effectiveness, and environmental excellence, we are committed to making a positive and lasting impact on the world.

OBJECTIVES

1. Increase Recycling Rates: Implement initiatives to boost recycling rates in targeted areas by a specific percentage within a defined timeframe.
2. Deploy RVMs: Install a predetermined number of RVMs in strategic locations to improve accessibility and convenience for users.
3. Enhance User Engagement: Develop and launch campaigns or programs to educate and incentivize users to participate actively in recycling efforts.
4. Reduce Contamination: Implement measures to minimize contamination in recycled materials, improving the efficiency of the recycling process.

5. Foster Partnerships: Establish strategic partnerships with industry leaders, municipalities, and organizations to expand the reach and impact of RVM initiatives.
6. Innovate Technology: Continuously invest in research and development to enhance the functionality and efficiency of RVM technology, improving user experience and operational effectiveness.
7. Measure Impact: Develop metrics and analytics tools to track and evaluate the environmental and social impact of RVM initiatives, informing future decision-making and strategy.
8. Promote Sustainability: Advocate for policies and practices that promote sustainability and support the transition to a circular economy, aligning with global environmental goals.
9. Expand Reach: Explore opportunities to expand RVM initiatives to new markets and regions, scaling operations to maximize impact and reach broader audiences.
10. Engage Stakeholders: Foster open communication and collaboration with stakeholders, including users, partners, regulators, and communities, to ensure alignment and support for RVM objectives.

GLOBAL OUTLOOK

In a rapidly evolving world where environmental concerns are at the forefront, RVM embraces a truly global outlook in its mission to revolutionize recycling practices and promote sustainability on a worldwide scale. With a commitment to addressing the pressing issue of waste management beyond borders, RVM aims to deploy its innovative reverse vending machines (RVMs) in diverse regions and communities across the globe. By leveraging cutting-edge technology and strategic partnerships, RVM seeks to transcend geographical boundaries and cultural differences, making recycling accessible, convenient, and rewarding for individuals and organizations worldwide. Through collaborative efforts and a shared vision of a greener future, RVM endeavors to foster a global recycling-integrated ecosystem where ease, fulfillment, and circular economy principles converge. With an unwavering dedication to environmental excellence and positive impact, RVM's global outlook extends far beyond borders, envisioning a sustainable future for generations to come.

PROBLEM STATEMENT

In countries around the world, the pressing issue of inadequate waste management infrastructure and low recycling rates poses significant environmental and social challenges. According to global statistics, only about 13.5% of the world's municipal solid waste is recycled annually, leaving the majority of waste destined for landfills or incineration. This inefficiency stems from various underlying problems, including poor infrastructure, contamination of plastic waste, unmotivated consumers, and an awareness gap regarding recycling practices. Insufficient facilities for collecting and processing materials exacerbate the problem, leading to inefficient recycling efforts and environmental degradation on a global scale. As a result, there is an urgent need for innovative solutions to address these challenges and create a more sustainable future for all.

Environmental Impact and How RVM Can Change the World

The environmental impact of waste generation, particularly plastic pollution, has reached alarming levels, threatening ecosystems, wildlife, and human health. RVM token aims to address this crisis by promoting responsible waste management practices and incentivizing recycling behaviour.

By encouraging individuals and communities to recycle through RVM machines, RVM token plays a pivotal role in reducing waste, conserving natural resources, and mitigating climate change. Every recycled bottle or can represents a tangible contribution to environmental sustainability, helping to preserve our planet for future generations.

How We Can Help the Environment

At RVM, we believe in the power of collective action and innovative solutions to make a positive impact on the environment. By deploying cutting-edge reverse vending machines (RVMs) and fostering strategic partnerships, we offer tangible solutions to help address the pressing environmental challenges facing our planet. Our RVMs are designed to simplify and incentivize recycling, making it easy and rewarding for individuals and communities to participate in waste reduction efforts. By encouraging proper disposal of plastic bottles, aluminium cans, and other recyclable materials, we aim to minimize waste, reduce pollution, and conserve natural resources. Additionally, our initiatives to reduce contamination in plastic waste and enhance community engagement through education and awareness programs further contribute to environmental preservation. Through collaborative efforts and a shared commitment to sustainability, we believe that together, we can make a meaningful difference in protecting our planet for future generations.



Carbon Credits and CO2

Carbon credits are tradable certificates that represent the removal or reduction of one ton of carbon dioxide (CO₂) equivalent from the atmosphere. RVM token's commitment to waste reduction and recycling can earn carbon credits by offsetting carbon emissions associated with landfilling and incineration.

Through its partnership with environmental organizations and carbon credit programs, RVM token can monetize its environmental impact and incentivize further recycling efforts. By participating in carbon credit markets, RVM token not only rewards users for recycling but also generates revenue to fund sustainability initiatives and drive positive change.

What is Cryptocurrency and Why is Blockchain Technology for RVM

Cryptocurrency is a digital or virtual form of currency that relies on cryptography for security and operates on decentralized networks based on blockchain technology. Unlike traditional fiat currencies, cryptocurrencies are not issued or controlled by any central authority, making them resistant to censorship and manipulation.

RVM token leverages blockchain technology to revolutionize the recycling industry by introducing transparency, efficiency, and trust to the process. Blockchain ensures secure and immutable transactions, enabling users to track the lifecycle of recycled materials and verify their authenticity. Smart contracts deployed on the blockchain automate reward distribution and incentivize recycling behaviour, driving adoption and engagement within the RVM ecosystem.

Benefits of RVM token

The benefits of the RVM Token are multi-faceted, providing advantages for both individuals and organizations committed to environmental sustainability:

1. **Rewards for Recycling:** The RVM Token incentivizes recycling by offering rewards to individuals who deposit recyclable materials such as plastic bottles and aluminum cans into RVM machines. These rewards can be redeemed for various benefits, creating a tangible incentive for recycling participation.
2. **Convenience and Accessibility:** RVM Tokens facilitate easy and convenient recycling through the deployment of reverse vending machines (RVMs) in accessible locations. Users can conveniently deposit recyclables and receive rewards without the need for complex sorting or disposal processes.

3. **Environmental Impact:** By encouraging recycling and proper waste management practices, the RVM Token contributes to environmental conservation efforts. Increased recycling rates lead to reduced landfill waste, decreased pollution, and conservation of natural resources, ultimately mitigating the environmental impact of waste disposal.

4. **Financial Incentives:** For businesses and organizations, the RVM Token presents opportunities for financial incentives and brand enhancement. By participating in RVM initiatives, businesses can demonstrate their commitment to environmental sustainability, attract eco-conscious consumers, and potentially benefit from increased brand loyalty and positive public perception.

5. **Data Insights and Analytics:** The RVM Token ecosystem incorporates data collection and analytics tools, providing valuable insights into recycling patterns, consumer behaviour, and environmental impact. These insights empower stakeholders to make informed decisions, optimize recycling initiatives, and track progress towards sustainability goals.

6. **Community Engagement:** RVM Tokens foster community engagement and collaboration in recycling efforts. By participating in RVM initiatives, individuals, businesses, and communities can work together towards common environmental goals, fostering a sense of shared responsibility and collective action.

Overall, the RVM Token offers a comprehensive solution to promote recycling, incentivize sustainable behaviour, and drive positive environmental impact, benefiting individuals, businesses, and communities alike.

Government Initiatives and Latest Environmental News

Governments worldwide are increasingly recognizing the urgent need to address environmental challenges and combat climate change. Recent initiatives include the implementation of extended producer responsibility (EPR) frameworks, the adoption of circular economy principles, and the promotion of renewable energy sources.

RVM token aligns with these government objectives by providing innovative solutions to waste management and promoting a circular economy. As governments continue to prioritize environmental sustainability, RVM token remains at the forefront of the movement, driving meaningful impact and contributing to a cleaner, greener future.



SUSTAINABLE DEVELOPMENT GOALS



(Source: United Nations)

RVM Token is dedicated to supporting the advancement of Sustainable Development Goals 11, 12, 13 and 17.

Implementing a combination of Reverse Vending Machines (RVMplus) and vending machines can contribute to several Sustainable Development Goals (SDGs), including:

SDG 11: Sustainable Cities and Communities

RVM Token is committed to fostering sustainable urban development and resilient communities through its innovative initiatives. By strategically deploying cutting-edge reverse vending machines (RVMs) in urban centers, RVM Token establishes accessible recycling hubs, promoting environmental awareness and contributing to the creation of cleaner, more sustainable cities and communities. Through the integration of state-of-the-art technology and infrastructure, RVM Token enhances waste management systems, facilitating the transition towards more sustainable urban living in alignment with SDG 11. RVM Token's efforts also directly contribute to SDG 11's indicator 11.6.1, by increasing the proportion of municipal solid waste collected and managed in controlled facilities out of the total municipal waste generated, thereby ensuring proper waste management within cities.

SDG 12: Responsible Consumption and Production

Central to RVM Token's mission is the promotion of responsible consumption and production practices. Through its incentivized recycling programs, RVM Token encourages individuals to actively engage in recycling plastic bottles and aluminum cans, thereby reducing waste generation and fostering a circular economy model. By rewarding sustainable behaviors, RVM Token not only minimizes resource depletion but also promotes a shift towards more environmentally conscious consumption patterns, contributing significantly to the realization of SDG 12. Additionally, RVM Token's efforts directly impact SDG 12's indicator 12.5.1 by increasing the national recycling rate, measured in tons of material recycled.



SDG 13: Climate Action

RVM Token plays a crucial role in addressing climate change and its impacts through concrete actions aimed at reducing environmental pollution. By diverting plastic and aluminum waste from landfills through recycling initiatives, RVM Token effectively reduces greenhouse gas emissions and mitigates the carbon footprint associated with waste disposal. Through these efforts, RVM Token actively contributes to SDG 13 by promoting climate action and preserving the planet for future generations. RVM Token also directly influences SDG 13's indicator 13.2.2 by contributing to the reduction of total greenhouse gas emissions per year.

SDG 17: Partnerships for the Goals

RVM Token recognizes the importance of partnerships in achieving sustainable development objectives. By collaborating with governments, businesses, and community organizations, RVM Token amplifies its impact and fosters collective action towards a more sustainable future via a circular economy. These partnerships drive innovation, mobilize resources, and strengthen the global network dedicated to environmental conservation.

Through its multifaceted approach to sustainability, RVM Token aligns its operations with the United Nations' SDGs, driving positive social, economic, and environmental change on a global scale.

II - Business Model

Revenue Source

- Advertising and Sponsorship: RVM collaborates with brands and organizations interested in promoting their products or messages through the RVM platform. Advertising space on RVM machines and digital screens provides an additional revenue stream.
- Partnership Revenue: Strategic partnerships with recycling facilities, waste management companies, and environmental organizations can generate revenue through shared initiatives and collaborative projects.
- RVMplus App: Our RVMPlus app, available for download on both the Apple Store and Play Store, complements our mission by providing users with a convenient platform to participate in our recycling initiatives. With the app, users can easily locate nearby RVMPlus machines, track their recycling activities, and earn rewards for their contributions to environmental sustainability. The app also features innovative functionalities such as "Buy 1 Recycle 1 Free 1," where users can enjoy a complimentary bottle of drinking water for recycling an empty bottle purchased from ESGplus vending machines. Join us in making a positive impact on the planet by downloading the RVMPlus app today!

Reverse Vending Machine (RVM)

- **Hardware Sales or Leasing:** RVM offers RVM machines for sale or lease to businesses, municipalities, and organizations interested in deploying recycling infrastructure. Revenue is generated through the sale or leasing of RVM hardware.
- **Maintenance and Support Services:** RVM provides maintenance and support services for RVM machines, including installation, repairs, waste collection destined for the recycling facility, and ongoing technical support. These services are offered on a subscription or pay-per-use basis, generating recurring revenue.
- **Customization and Integration:** RVM offers customization and integration services to tailor RVM machines to the specific needs and branding requirements of clients. Additional fees are charged for customizations and integrations, contributing to revenue generation.

RVMPPLUS Machine

Specification:

- **Power supply parameters:** Main power parameter: voltage 220V-240V~/frequency 50Hz.
- **Power consumption:** Standby power consumption: 150W-500W.
- **Current:** Standby operating current: 1.4A-5.8A.
- **Size:** Dimensions: W 1000 x D 940x H 1920 mm.
- **Weight:** Lightweight design at 320kg.
- **Environment:** Humidity: maximum relative humidity of 90%, non-condensing. Temperature: 0°C-60°C (32F-104F)/Machine designed for indoor and partially outdoor placement.
- **Network connection:** LAN interface (Ethernet TCP/IP)/4G/Independent maintenance management system/original memory Win10/8G/. Industrial I5 motherboard: SV1a-H1116P.
- **User interaction:** 27-inch capacitive touchscreen. Resolution: WSUVGA+(WSUGA/HDTV)1920(H)X1080(W)
- **Colour support:** 16.7M,68%(CIE1931)
- **Audio support:** Adjustable volume



- **Recognition program:** 2D code identification (external)/Double-security identification (external)/V barcode identification (internal)/Weighing identification (internal)/Image identification for fraud prevention (internal)/Camera surveillance for fraud prevention (internal)/Deodorization identification (internal)/ Overfill identification (internal).
- **Recycle bin capacity:** 0.7m³ (15-20kgs)
- **Sensor accessories:** 2D scanner + Barcode scanner + Anti-trapping sensor + Weighing sensor + Ultrasonic sensor + Drop detection sensor + Zone deodorizer. Weight sensor Ultrasonic sensor + Droplet detection + Zone deodorizer + Overfill sensor. Ultrasonic overfill sensor.

Reward Tokens

- Token Sales: RVM conducts initial token sales to fund project development and expansion. Revenue is generated through the sale of reward tokens to investors and participants interested in supporting RVM initiatives.
- Redemption Fees: RVM charges redemption fees when users exchange their reward tokens for rewards or benefits offered by RVM partners. These fees contribute to revenue generation and help sustain the reward token ecosystem.

By diversifying revenue sources and leveraging the capabilities of reverse vending machines and reward tokens, RVM establishes a sustainable business model that promotes recycling, incentivizes sustainable behaviour, and drives positive environmental impact.

III – Technology

Technology Overview

RVM operates on the Binance Smart Chain (BSC), leveraging its robust infrastructure to facilitate recycling initiatives and promote sustainability. Although blockchain solutions are not yet implemented, RVM plans to utilize BSC for its transparency and efficiency in the future.

1. Binance Smart Chain:

- RVM plans to utilize Binance Smart Chain as the foundation for its future blockchain solutions, including token contracts, which will manage the creation, distribution, and transfer of RVM Tokens securely and transparently.

- By leveraging BSC, RVM aims to establish immutable records of transactions, allowing users to track their recycling activity and rewards in real-time once implemented.

2. Token Contracts:

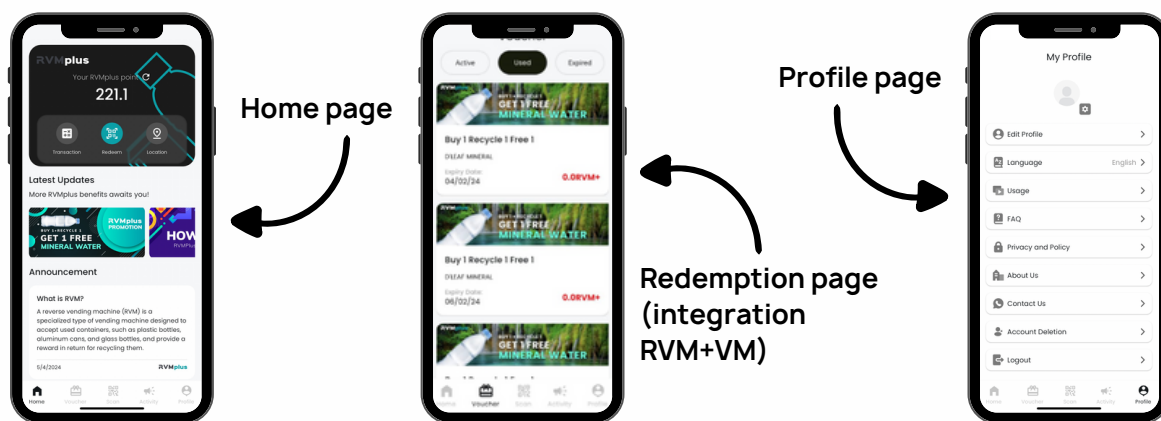
- RVM intends to issue its native utility token, the RVM Token, which will incentivize recycling activities and redeem rewards within the platform.

- Token contracts will be deployed on BSC to define the tokenomics, including total token supply, distribution mechanisms, and rules for token issuance and redemption.

3. Platform:

https://play.google.com/store/apps/details?id=com.mycompany.rvmplus&pcampaignid=web_share

<https://apps.apple.com/be/app/rvmplus/id647652559>



- The RVM platform is featured with a user-friendly interface accessible via web and mobile applications, allowing users to interact with RVM machines and participate in recycling initiatives.

- Users will be able to create accounts, deposit recyclable materials into RVM machines, and earn RVM Tokens as rewards for contributing to environmental sustainability.

- Once blockchain solutions are implemented, the platform will seamlessly synchronize recycling data and token rewards in real-time, enhancing user experience and engagement.

Through the integration of future blockchain solutions, token contracts, and a user-friendly platform interface, RVM aims to empower individuals and communities to actively participate in recycling efforts while promoting transparency, efficiency, and sustainability in waste management practices.

IV - RVM Token



RVM Token Overview

The RVM Token (RVM) serves as the digital currency powering the RVM ecosystem, incentivizing recycling participation and facilitating value exchange within the platform. The token distribution, allocation, and utility are designed to ensure the sustainable growth and operation of the RVM ecosystem while rewarding users for their contributions to environmental sustainability.

Token Information:

| | | |
|----------------------|---|---------------------------|
| Token Name | : | RVM Token |
| Token Symbol | : | RVMT |
| Token Decimals | : | 9 |
| Total Supply | : | 10,000,000,000 RVMT |
| Token Network | : | Binance Smart Chain (BSC) |
| Currencies Accepted | : | BNB, USDT |
| Token Presale Date | : | May 15, 2024 |
| Token Presale End | : | Jan 29, 2025 |
| Presale Token Claim | : | Jan 30, 2025 |
| Total Presale Phases | : | 6 Phases |

Token Contract Address :

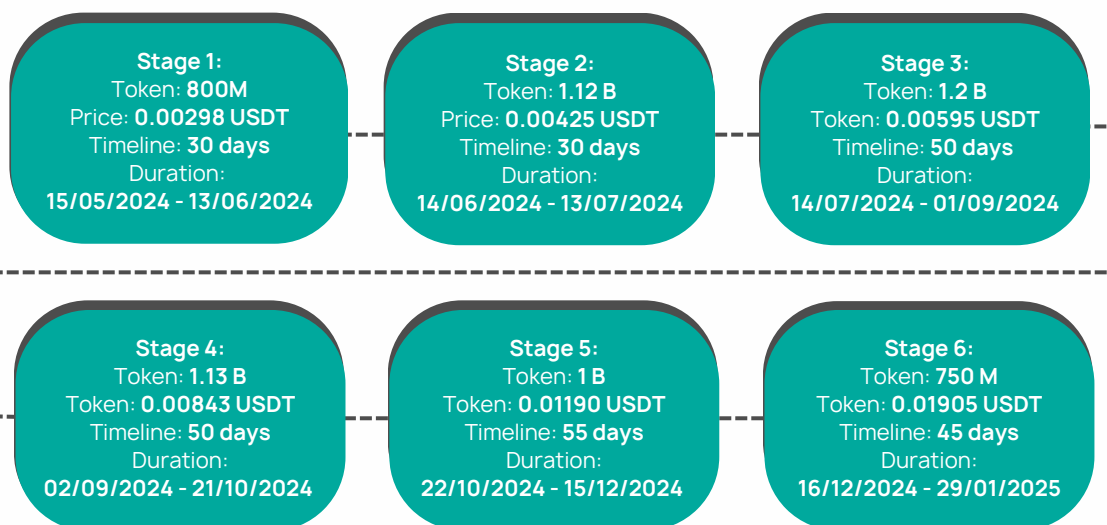
0x03a35Bf9Ec0bCBD54b28394561B20cCC12FA8fC8

Token Contract Link on BSC Blockchain :

<https://bscscan.com/token/0x03a35Bf9Ec0bCBD54b28394561B20cCC12FA8fC8>



RVM Token Pre-Sale Phase



1. Token Distribution:

- Initial Token Sale:

A portion of the total token supply is allocated for the initial token sale, conducted to raise funds for project development, platform enhancement, and expansion initiatives.

- Community Rewards:

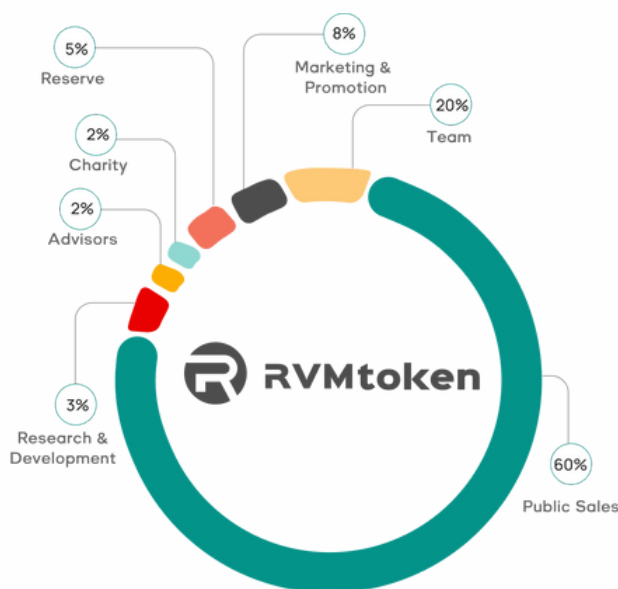
A percentage of the token supply is allocated for community rewards, distributed to users who actively participate in recycling activities and engage with the RVM platform.

- Team and Advisors:

A reserved portion of tokens is allocated to compensate the project team, advisors, and contributors for their efforts in developing and promoting the RVM ecosystem.

- Strategic Partnerships:

Tokens are allocated for strategic partnerships with recycling facilities, waste management companies, and environmental organizations to foster collaboration and support shared initiatives.



| Allocated To | % |
|------------------------|----|
| Public Sales | 60 |
| Team | 20 |
| Marketing & Promotion | 8 |
| Charity | 2 |
| Reserve | 5 |
| Advisors | 2 |
| Research & Development | 3 |

2. Token Allocation:

- Rewards Pool:

The majority of RVM tokens are allocated to the rewards pool, which serves as the primary fund for purchasing machines and expanding the RVM network.

Tokens from this pool are distributed to users based on their recycling activity and participation, incentivizing sustainable behaviour and promoting recycling efforts.

- Development Fund:

Another portion of tokens is allocated to the development fund, which is dedicated to funding ongoing platform development, maintenance, and enhancement efforts. While this fund supports the long-term sustainability and scalability of the RVM ecosystem, the primary focus remains on utilizing the rewards pool for machine procurement and network expansion.

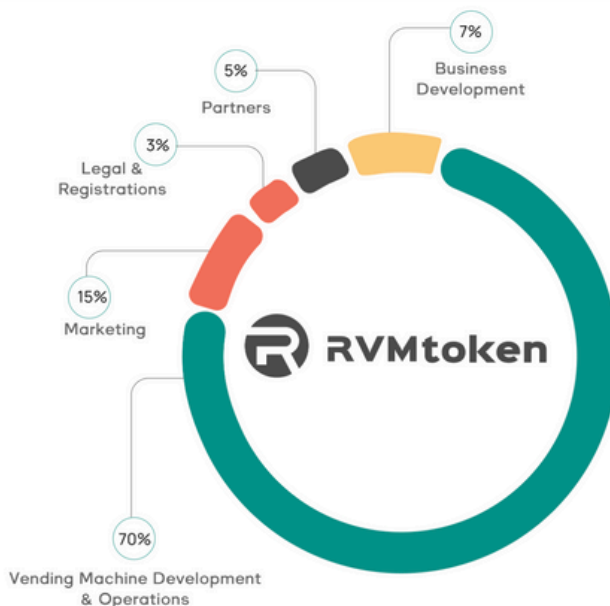
- Marketing and Promotion:

Tokens are also allocated for marketing and promotional activities aimed at raising awareness, acquiring users, and driving adoption of the RVM platform. These tokens support various marketing campaigns, partnerships, and community engagement initiatives, complementing the primary goal of expanding the RVM network through machine purchases.

- Reserve Pool:

Additionally, a reserve pool of tokens is maintained to provide liquidity, support market stability, and address unforeseen circumstances or operational needs within the RVM ecosystem. While this pool serves as a safeguard, the primary emphasis remains on utilizing the rewards pool for machine acquisition and network growth.

| Allocated To | % |
|--|----|
| Vending Machine Development & operations | 70 |
| Partners | 5 |
| Business & Development | 7 |
| Marketing | 15 |
| Legal & Registrations | 3 |



3. Uses of RVM Token:

- Rewards Redemption:

Users can redeem RVM tokens for various rewards and benefits offered by RVM partners, including discounts, coupons, merchandise, and digital assets.

- Platform Fees:

RVM tokens may be used to pay transaction fees, platform usage fees, and other charges associated with using RVM services and participating in recycling initiatives.

- Governance and Voting:

Holders of RVM tokens may participate in governance processes, such as voting on platform upgrades, policy changes, and community proposals, thereby influencing the direction and development of the RVM ecosystem.

- Staking and Yield Farming:

RVM tokens may be staked or used in yield farming protocols to earn additional rewards, incentives, or governance rights within the RVM ecosystem, providing opportunities for token holders to maximize their holdings.

Through a transparent and balanced token distribution and allocation model, coupled with diverse utility and value proposition, the RVM Token aims to incentivize recycling participation, foster community engagement, and drive sustainable growth and development of the RVM ecosystem.

V – Roadmap

2019: RVM Conceptualization

Initiated the brainstorming and development phase for Reverse Vending Machines (RVM) to address the pressing issue of waste management.

2020: Endorsement Formalization

Secured an endorsement from Plastictecnic, marking a significant milestone in advancing the RVM vision, albeit delayed due to the challenges presented by the Covid-19 pandemic.

2021: Expanding Endorsements

Further expanded collaboration efforts by formalizing an endorsement from Cenviro, enhancing the network of stakeholders committed to sustainable waste management practices.

2022: Hardware & Software Development

Commenced the process of hardware sourcing and software development, laying the foundation for the technological infrastructure required to deploy RVMs effectively.

2023: Production and Development

Successfully acquired hardware components from international suppliers and completed the assembly of RVMs in Malaysia. Concurrently, local software development reached completion, ensuring seamless functionality.

2024: Q1 Achievements

- Celebrated significant milestones, including the full development of both hardware and software components, marking a pivotal moment in the RVM project's journey.
- Formally launched the RVM initiative in collaboration with the Melaka state government, garnering official recognition and support for the endeavour.
- Strengthened partnerships with key brands, leveraging their influence and resources to amplify the impact of RVMs.
- Rolled out the deployment of RVMs across strategic locations in Melaka, aiming to maximize accessibility and participation in recycling efforts.

2024: Q2 Implementation

- Token Presale begins on May 15, 2024.
- Launched community engagement initiatives centred around RVMs, utilizing these platforms as educational hubs to promote recycling awareness and environmental sustainability.

2024: Q3 Expansion and Governance Transition

- Undertook significant steps towards growth and governance enhancement, including a successful public listing and geographical expansion beyond Melaka.
- Transitioned towards a more robust governance structure aligned with local regulations and global sustainability standards, ensuring responsible leadership and operations.

2024: Q4 Milestones

- Achieved a listing on a top-tier exchange, increasing visibility and accessibility to a broader investor base.
- Set ambitious targets for RVM deployment, aiming to introduce 100 machines across Malaysia and establish global standards for RVM operations and collaborations.

2025 Q1

- Token Presale ends on Jan 29, 2025.
- Presale Token Claim Live on Jan 30, 2025.
- Enhanced platform functionality by implementing multi-wallet currency capabilities, enabling seamless transactions and user experiences.
- Expanded RVM deployment to 500 machines nationwide, while also venturing into neighboring countries to amplify the project's impact on a regional scale.
- Collaborated with municipal waste management systems to optimize the collection and processing of recyclable materials, promoting efficiency and sustainability.
- Prioritized community engagement and data integration efforts to ensure continuous growth and adaptation in line with evolving environmental needs.

2026

- Continued the global scaling of RVM operations, aiming to deploy 1000 machines nationwide and expand into international markets with a target of 2000 machines.
- Consolidated efforts towards technological innovation, community empowerment, and environmental stewardship to solidify RVM's position as a leading force in sustainable waste management.

Through the implementation of the roadmap, RVM aims to establish itself as a leading player in the sustainable waste management industry, driving positive environmental impact while creating value for token holders and stakeholders.

VI - Company Structure

1. Team:

- Executive Team: The executive team at RVM comprises seasoned professionals with extensive experience in waste management, sustainability, blockchain technology, and business development. Led by visionary leaders, the team is committed to driving innovation, achieving strategic objectives, and delivering value to stakeholders.
- Advisory Board: RVM's diverse advisory board, comprised of experts in environmental science, technology, finance, and marketing, offers invaluable insights and strategic direction to drive the company's growth and success.

Our Team



Lennon Tan - Founder

The visionary leader who conceives the business idea, establishes its core values, and sets the initial direction of the company.

Ethan Lim - CEO

The principal responsible for shaping the company's vision, driving strategic initiatives, and steering day-to-day operations towards achieving sustainable growth and profitability.



Darren Wong - CTO

The executive in charge of the technology strategy and implementation, overseeing the development of products, services, and infrastructure.

Henry Liu - CFO

Managing the company's finances, including financial planning, record-keeping, and financial risk management.



Alex Gan - Advisor (Plastic & Circular Economy)

Renowned sustainability expert. Committed to driving environmental responsibility with extensive background in plastic production and recycling.

Pilli - Advisor (Crypto Marketing & PR)

Innovative marketer with a passion for cryptocurrency. Dedicated to driving adoption and engagement in the rapidly evolving digital currency landscape.



2. Fundraising:

- Initial Token Sale (ITS): RVM conducting a successful initial token sale (ITS) to raise funds for project development, platform enhancement, and ecosystem expansion. The ITS attracted contributions from investors, supporters, and community members who share RVM's vision of promoting sustainability through innovative recycling solutions.
- Strategic Partnerships: In addition to the ITS, RVM has forged strategic partnerships with industry stakeholders, investors, and organizations aligned with its mission and values. These partnerships provide financial support, resources, and expertise to accelerate RVM's growth and scale its operations.

3. Product Rollout:

- Reverse Vending Machines (RVMs): RVM has commenced the rollout of its state-of-the-art reverse vending machines (RVMs) in key locations, including urban centers, commercial areas, educational institutions, and public spaces. The deployment of RVMs aims to promote recycling awareness, incentivize sustainable behavior, and facilitate convenient waste collection and processing.
- Platform Development: Concurrent with RVM deployment, the company is actively developing its digital platform to complement and enhance the functionality of RVMs. The platform will provide users with a seamless and engaging experience, enabling them to track their recycling activity, earn rewards, and participate in community initiatives.
- Expansion Plans: RVM has ambitious expansion plans to scale its operations geographically and diversify its product offerings. The company aims to deploy RVMs in additional regions, establish strategic partnerships with global stakeholders, and introduce new features and services to meet the evolving needs of its users.

Through a dynamic and agile company structure, RVM is well-positioned to execute its vision, deliver innovative solutions, and drive positive impact in the field of waste management and environmental sustainability.

VIII - Partners Endorsers and Supporters



Endorsed by:



Malacca State Government (MBMB) and the ASEAN Tourist City

The official launch of our RVMPlus (Reverse Vending Machine) initiative during the prestigious ASEAN Clean City Award Night. This event took place in collaboration with the Malacca state government (MBMB) on 7th Feb 2024, and they have enthusiastically partnered with us to deploy four RVMs machines across strategic locations, coinciding with Visit Melaka 2024.



AdviceMe

AdviceMe is a consulting firm focused on serving the comprehensive needs of crypto and blockchain-based businesses in the full range of the business cycle. With a core staff of experienced professionals and a team approach to most consulting projects, AdviceMe will be able to offer a more balanced quality service than many of its competitors.

7 February, 2024

Launch of RVMPlus recycling 'Vending Machine'

During the Asean Clean Tourist City Standard Award ceremony held at Dewan Taming Sari MBMB in Ayer Keroh, State Senior Exco for Housing, Local Government, Drainage, Climate Change, and Disaster Management Datuk Rais Yasin, successfully inaugurated the Smart Reverse Vending Machine (RVM). This initiative aims to promote recycling practices within the community by deploying four RVMs, designed specifically for recycling plastic bottles and aluminum cans, at prominent tourist destinations.



Datuk Rais Yasin at the launch of the Smart Reverse Vending Machine (SRVM) in conjunction with the ASEAN Tourist City Standard Appreciation Ceremony (ACTC) at Dewan Taming Sari, Historic Melaka City Council (MBMB).

Links:

<https://www.melakahariini.my/melaka-perkenal-vending-machine-kitar-semula/>

<https://www.bernama.com/bm/am/news.php?id=2268801>

<https://umno-online.my/2024/02/08/pelancaran-smart-reverse-vending-machine/>

XI – Glossary



1. RVM (Reverse Vending Machine): A machine that collects recyclable items such as plastic bottles and aluminum cans and provides incentives or rewards in return.
2. RVMPlus: Refers to the advanced version of the Reverse Vending Machine developed by RVM, incorporating cutting-edge technology for accurate recycling and user rewards.
3. CSR (Corporate Social Responsibility): The practice of companies operating in a socially responsible manner, considering the impact of their activities on society, the environment, and stakeholders.
4. ESG (Environmental, Social, and Governance): A set of criteria used to evaluate a company's performance in terms of environmental sustainability, social responsibility, and corporate governance.
5. PET (Polyethylene Terephthalate): A type of plastic commonly used in the production of beverage bottles and food packaging, which is recyclable.
6. Aluminum: A lightweight metal used in various applications, including beverage cans, which is highly recyclable.
7. Circular Economy: An economic model aimed at minimizing waste and maximizing the use of resources by promoting reuse, recycling, and resource efficiency.
8. Tokenomics: The economic model and principles governing the issuance, distribution, and use of tokens within a blockchain ecosystem.
9. Blockchain: A decentralized and distributed digital ledger technology used to record transactions securely and transparently across multiple computers.
10. Smart Contract: Self-executing contracts with the terms of the agreement between buyer and seller being directly written into code. They automatically execute and enforce the terms of the agreement when predefined conditions are met.
11. Token Distribution: The allocation and distribution of tokens among various stakeholders, including investors, users, and partners.
12. Token Allocation: The allocation of tokens for specific purposes, such as incentivizing recycling, rewarding users, or funding project development.

13. Carbon Credits: Tradable permits that allow a company to emit a certain amount of carbon dioxide or other greenhouse gases, with each credit representing one ton of carbon dioxide equivalent.

14. NGO (Non-Governmental Organization): A non-profit organization that operates independently of government, typically focused on social, environmental, or humanitarian causes.

15. Circular Waste Management: A waste management approach that emphasizes recycling, reuse, and resource recovery to minimize waste and environmental impact.

16. Circular Economy: An economic system aimed at eliminating waste and promoting the continual use and regeneration of resources.

17. Sustainability: The ability to meet the needs of the present without compromising the ability of future generations to meet their own needs.

X – Reference

1. Ministry of Environment and Water, Malaysia. (Website: <https://www.kasa.gov.my/>)
2. Plastictecnic (M) SDN BHD. (Website: <https://www.plastictecnic.com/>)
3. Cenviro. (Website: <https://www.cenviro.com/>)
4. RVM Official Website. (Website: <https://www.rvmplus.com/>)
5. Environmental Protection Agency Malaysia. (Website: <https://www.doe.gov.my/>)
6. Circular Economy Concept - Ellen MacArthur Foundation. (Website: <https://www.ellenmacarthurfoundation.org/our-work/activities/circular-economy>)
7. PET Recycling Process - National Association for PET Container Resources. (Website: <https://napcor.com/pet/pet-recycling-process/>)
8. Aluminum Recycling - The Aluminum Association. (Website: <https://www.aluminum.org/sustainability/aluminum-recycling>)
9. Sustainable Development Goals - United Nations. (Website: <https://sdgs.un.org/goals>)
10. Department of Environment (DOE), Malaysia. (Website: <https://www.doe.gov.my/>)
11. National Solid Waste Management Department (JPSPN), Malaysia. (Website: Not available)
12. Malaysian Nature Society (MNS). (Website: <https://www.mns.my/>)
13. Malaysian Environmental NGOs (MENGO). (Website: Not available)
14. Ministry of Housing and Local Government (KPKT), Malaysia. (Website: <https://www.kpkt.gov.my/>)