MeemLev: Empowering Meme and Viral Content Culture on Social Media with Crypto Governed Rewards using Decentralized Governance (DAO) and Smart Contracts Technology

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Abstract

In today's digital age, viral content has become a driving force in shaping online culture and communication. Recognizing the immense potential of memes and viral content, MeemLev emerges as a pioneering platform, poised to revolutionize social media dynamics. MeemLev introduces a unique approach to valuing viral content, leveraging community engagement as the driver of its reward system. By redefining viral content and meme creation, MeemLev cultivates an environment where creativity thrives, and impactful content shapes our daily lives. Central to MeemLev's ecosystem is its proprietary ERC-20 token, aptly named "MeemLev." This token serves as the lifeblood of the platform, rewarding creators for their contributions and incentivizing engagement. With a finite supply, the MeemLev token embodies scarcity, adding intrinsic value to the platform's economy. Driving MeemLev's operations is its internal DAO system—a decentralized autonomous organization that governs every aspect of the platform. From reward distribution to rule enforcement, the DAO ensures transparency, fairness, and efficiency in MeemLev's operations. In essence, MeemLev is not yet another meme coin frenzy; rather, it is an initiative that empowers the creation of everlasting memes. Through its unique blend of decentralized governance, smart contracts technology, and community-driven incentives, MeemLev heralds a new era in meme culture and viral content dissemination.

1 Introduction

Viral content [1], notably memes [2], has become a defining element of online culture and communication. Despite their widespread influence, original creators often receive insufficient recognition and compensation for their creativity. MeemLev, a dedicated platform, seeks to disrupt this pattern by empowering meme creators and ensuring fair acknowledgment and compensation for their contributions.

Operated on the principle of "from the people, by the people, and for the people," MeemLev employs a decentralized governance model [3], granting users direct influence over content recognition and rewards opportunities. This approach fosters transparency, democracy, and alignment with community interests.

Central to MeemLev's function is the issuance of the MeemLev token, the platform's native currency and reward system. Utilizing smart contracts technology [4], the token facilitates transparent and immutable transactions, providing creators their fair share of potential rewards.

MeemLev represents a movement toward a more inclusive and equitable digital landscape, serving as a centralized hub for viral content, particularly memes. It promotes user interaction, creativity, and

equitable rewards, distinguishing itself from the current meme frenzy characterized by fleeting trends and speculative hype. By prioritizing original content, community engagement, and sustainable growth, MeemLev cultivates a symbiotic relationship between creators and investors, benefiting both parties.

Our audience encompasses a diverse range of individuals, including content creators—such as meme artisans—seeking fair recognition for their work, and social media enthusiasts desiring a centralized platform for curated content and community-driven input. Investors are attracted to MeemLev's transformative potential within the digital ecosystem, offering them the opportunity to contribute to the platform's growth. By staking their MeemLev tokens, they gain voting power, empowering them to shape the platform's direction and evolution.

While MeemLev is initially centered around memes, it's important not to overlook its broader long-term vision for promoting quality content on the internet. Memes serve as a cornerstone of our platform, guiding its early development. However, our ultimate goal extends beyond memes, aiming to cultivate a diverse range of high-quality content promoted through competition to enrich online discourse and community engagement

2 Problem Statement

In the vibrant world of digital media, viral content and meme creators face a persistent dilemma: despite their creative contributions shaping online culture, they often lack fair recognition for their efforts. Compounding this issue is the limited availability of meaningful investment opportunities for crypto enthusiasts interested in meme-related projects.

This conundrum persists, leaving creators without due acknowledgment and investors without avenues for meaningful involvement. It underscores the urgency for a platform that not only champions meme creators by driving equitable recognition but also offers crypto investors genuine opportunities for impactful engagement and purposeful projects.

3 Solution Overview

MeemLev offers a comprehensive solution to the challenges faced by meme creators, viral content enthusiasts, and crypto investors in the digital realm. Grounded in decentralization, MeemLev provides a platform that empowers meme creators, ensuring they receive fair recognition and opportunities for rewards based on the impact of their original content. Additionally, MeemLev caters to crypto investors seeking meaningful opportunities by introducing innovative governance and tokenomics. It addresses a market need for investors interested in meme-related tokens with recognizable potential.

Key features of MeemLev include:

- Dedicated Platform: MeemLev provides a dedicated platform for easy access to memes and viral content. Users can explore a diverse range of memes and engage with trending content.
- 2. Competitions and Trends: MeemLev hosts competitions to instill creativity and innovation among creators, aiming to generate top trends in the social media industry. Creators can participate, showcase their talents, and potentially gain recognition and rewards
- 3. Community Engagement: MeemLev encourages active participation from its users through features like community voting and involvement in governance decisions. This ensures that users have a direct role in shaping the platform's future direction and development, promoting a sense of ownership and belonging within the community.
- 4. Decentralized Governance: MeemLev operates on a decentralized governance model, where decisions regarding content curation, rewards distribution, and platform evolution are made collectively by the community. This ensures transparency, fairness, and inclusivity in the platform's operations.
- 5. Transparent Reward Distribution: MeemLev's reward distribution mechanism is transparent and tamper-proof, thanks to its utilization of smart contracts.

- 6. Meaningful Investment Opportunities: For crypto investors interested in meme-related projects, MeemLev offers a unique opportunity to invest in and be part of a platform with genuine value and purpose.
- 7. Scarcity and Utility of MeemLev Token: The MeemLev token is characterized by scarcity and utility, serving as the backbone of the platform's economy.

By combining decentralized governance, transparent reward distribution, meaningful investment opportunities, and community engagement, MeemLev offers a holistic solution that revolutionizes the way memes are created, and valued in the digital age.

4 Technology Overview

The MeemLev ecosystem comprises three primary components:

- 1. MeemLev Token
- 2. MeemLev Social Platform
- 3. Decentralized Autonomous Organization (DAO)

4.1 MeemLev Token

The MeemLev token serves as the backbone of the MeemLev platform, functioning as a digital asset built on the Ethereum blockchain. As the native currency within the ecosystem, it plays a crucial role in facilitating transactions, incentivizing user participation, and rewarding content creators. Being an ERC-20 [5] token, the MeemLev token leverages the Ethereum blockchain's mature, interoperable, secure, and decentralized infrastructure [6].

4.1.1 Primary Features of MeemLev Token

- 1. **Burnable:** Tokens can be burned by authorized accounts with token holdings, enhancing traceability and transparency. Burning reduces token supply, making each token more scarce and inherently more valuable.
- 2. **Deflationary:** MeemLev tokens are pre-minted, and no additional minting is permitted once the contract is deployed. This ensures a finite supply of tokens, making them resistant to inflationary pressures over time.
- 3. **Secure and Decentralized:** The MeemLev token is built on blockchain technology, providing a high level of security through cryptographic mechanisms. Its decentralized nature ensures that token holders maintain full ownership and control over their tokens, without any central authority exerting influence.
- 4. **Scalable and Interoperable:** MeemLev token leverages the Ethereum blockchain, benefiting from its scalability solutions and interoperability with various decentralized applications (DApps) and exchanges.
- 5. **Governance and Voting Rights:** MeemLev token holders are granted voting rights within the platform's decentralized autonomous organization (DAO). Through staking their tokens, users can participate in governance processes, such as proposing and voting on protocol upgrades, content curation policies, and reward distribution mechanisms.
- 6. Dynamic Rewards System: MeemLev token implements a dynamic rewards system, where token holders are incentivized to actively participate in the platform. This encourages continuous engagement and contributions from users, driving the growth and sustainability of the MeemLev ecosystem.
- 7. **Immutable and Auditable:** Transactions involving MeemLev tokens are recorded on the Ethereum blockchain, providing immutable and transparent transaction history. This enables users to audit token movements and verify reward distributions, enhancing trust and accountability within the ecosystem.

4.2 MeemLev Platform

The MeemLev social platform is a vibrant and interactive community hub designed for enthusiasts to explore, create, and engage with quality and trendy content. Offering a dynamic space for users to discover and share impactful content, the MeemLev Platform serves as the epicenter of meme culture, attracting content creators, enthusiasts, and DAO members alike.

At the forefront of the MeemLev ecosystem, the platform seamlessly integrates with the MeemLev token, providing users with opportunities to participate in competitions (e.g. memes), governance processes, and community interactions. Here's a breakdown of the primary functionalities and features of the MeemLev Platform:

- 1. **Competitions:** Users are invited to unleash their creativity by crafting and submitting their own content. These submissions compete against each other within themed competitions, fostering a spirit of friendly rivalry and creativity.
- 2. **Engagement and Voting:** Once content are submitted, users have the opportunity to engage with and vote on their favorite entries. Through a user-friendly interface, participants can express their preferences and help determine the most impactful and entertaining content.
- 3. **Social Media Integration:** MeemLev extends its reach beyond the platform by sharing submitted content across dedicated social channels. This amplifies the exposure of submitted content, encouraging broader engagement and interaction within the community.
- 4. **Leaderboard and Rewards:** The platform features a leaderboard showcasing the top-performing content based on engagement, virality, and overall impact. At the conclusion of each competition, submitted content receive rewards proportional to its performance, incentivizing continued participation and creativity.
- 5. **DAO Management:** In addition to competitions, the MeemLev Platform serves as a user-friendly space for DAO members to participate in governance processes. Members can create and vote on proposals, shaping the direction and policies of the MeemLev ecosystem directly through the platform's forum.

Through its seamless integration of competitions, engagement features, social media outreach, and DAO management tools, the MeemLev Platform offers a comprehensive and engaging experience for creators, enthusiasts, and community members. It serves as a testament to MeemLev's commitment to empowering creators, encouraging creativity, and building a vibrant and inclusive culture.

4.3 Decentralized Autonomous Organization (DAO)

The MeemLev ecosystem operates under the governance of a decentralized autonomous organization (DAO). Through transparent and democratic decision-making processes, DAO members, represented by token holders, collectively shape the direction of the platform, including reward distribution, content curation, and platform development. The DAO is an intrinsic and integral part of the MeemLev token ecosystem, governing every aspect of token issuance.

Key Functions Controlled by the DAO

The DAO oversees four primary tokenomics categories: founders, team, rewards, and ecosystem. Decisions regarding token allocation, issuance schedules, and reward mechanisms are subject to DAO approval. Additionally, proposals can address external changes, such as adjustments to reward distribution process, MeemLev platform, or the overall ecosystem.

Membership Requirements

Membership in the DAO is open to all individuals who stake MeemLev tokens. Staking MeemLev tokens grants members voting power and the ability to create proposals. However, specific rules govern membership eligibility to ensure the integrity and stability of the DAO. These rules include minimum stake periods, minimum token thresholds for voting and proposing, and a Proof-of-Engagement requirement to ensure active participation.

DAO Staking Mechanics

Any holder of MeemLev tokens can stake their tokens for DAO purposes. Upon meeting the minimum staking requirements, holders become DAO members. Token holders have the flexibility to stake any amount of tokens for any duration they prefer. Likewise, they can unstake their tokens at any time, provided they are not involved in an ongoing proposal and have not already voted. MeemLev provides user-friendly interfaces to facilitate token staking and management directly through its platform. Notably, staking at different intervals is governed by a specific formula that calculates the voting power of staked tokens based on staking timestamps. It's important to note that unstaking tokens results in the loss of time-based voting power for unstaked tokens, even if tokens are immediately restaked.

Benefits of DAO Membership

DAO members have the privilege of proposing and voting on initiatives that shape the future of the MeemLev ecosystem. Proposals can range from altering existing rules to defining new ones, allowing members to actively contribute to the platform's evolution. Additionally, voting power enables members to influence which proposals are implemented, ensuring that decisions align with community interests.

Proposal Creation Process

Proposals undergo a thorough creation process before being submitted to the blockchain for voting. Discussions and deliberations occur on MeemLev Platform forums, where members refine proposal objectives and identify potential solutions. Once a proposal is determined to be aligned with MeemLev's vision and growth, it is formally submitted to the blockchain with a description, target category, voting duration, and set of parameters (if applicable).

Voting Procedure

Members with the requisite stake duration and token holdings can cast their votes on submitted proposals. Each member is allowed only one vote, which can be in favor or against the proposal. The voting process ensures that decisions are made by invested and committed members, ensuring a democratic and inclusive governance model within the MeemLev ecosystem.

Final Vote Determination:

While members have the power to cast their votes, success for a proposal requires more than mere votes. Each category has a unique quorum tailored to its specific requirements. Even if all votes are in favor of a proposal, it must meet a quorum threshold for approval. Otherwise, the proposal will be rejected due to insufficient quorum.

Quorum Determination:

Quorum is defined as a percentage of the effective circulating supply of MeemLev tokens. To pass, all casted votes must equal or exceed the quorum at that moment. For example, if the quorum percentage is set to 5% of the circulating supply (tokens actively circulating in the market) of 700 million tokens, the minimum number of votes required would be $0.05 \times 700 \text{M} = 35 \text{M}$ votes. Note that this does not necessarily mean there must be 35 million staked tokens; rather, the total voting power must reach at least 35 million.

Proposal Execution:

Proposals affecting existing DAO rules, rewards distribution, and vesting schedules are executed exclusively through smart contracts. For instance, if the community proposes a change to the rewards frequency, the update function within the smart contracts is only executed following proposal submission, voting, and approval. This ensures a tamper-proof mechanism for ecosystem rule updates.

For proposals targeting external changes or initiatives, the process is similar, but execution occurs through a dedicated function interfaceable with any off-chain utility.

4.3.1 Calculation of Voting Power

MeemLev employs a hybrid staking model to calculate voting power, offering enhanced flexibility and participation opportunities for stakers. This model combines two staking mechanisms: token-based and time-based staking.

If the staking duration does not qualify for time-based staking, the simplest form of voting power is token-based, where voting power equals the total number of staked tokens.

For members who stake their DAO tokens for longer periods, the hybrid staking model is applied to calculate voting power. The hybrid staking model rewards users with amplified gains in voting power for longer staking durations, incentivizing long-term commitment to the platform. This encourages stability and loyalty within the community, as members are rewarded for their continued support over extended periods.

However, to maintain fairness and prevent disproportionate influence, a cap is imposed on the amplification of voting power. This cap ensures that while longer staking periods result in increased influence, they do not overshadow the contributions of other shareholders. By capping the amplification of voting power, the platform ensures that the original shareholder's position is fairly reflected, regardless of the length of their staking period.

Additionally, the cap promotes inclusivity by preventing a scenario where only those with the means to stake large amounts for extended periods hold significant sway over decision-making processes. Instead, it levels the playing field, allowing all shareholders to participate meaningfully in governance, irrespective of their staking duration or token holdings.

In essence, the cap on amplified gains in voting power strikes a balance between incentivizing long-term staking and maintaining fairness and inclusivity within the community. It ensures that the platform remains democratic and reflective of the collective interests and contributions of its shareholders

The formulas below illustrates the calculation process:

The effective duration of staked tokens is calculated as the weighted average of staked tokens size and staking time, excluding any intersecting time with the voting duration.

$$Weighted \ Avg. \ Duration = \frac{(Curr. \ Stake \ Size \times Staking \ Time + New \ Stake \ Size \times Staking \ Time)}{(Curr. \ Stake \ Size + New \ Stake \ Size)}$$

Effective Duration = Weighted Avg. Duration - Intersecting Voting Duration

Numerical Examples

Example 1:

Assuming DAO presets are as follows:

Base Duration =
$$12$$
 days
Voting Duration = 5 days
Duration Cap = 10

Assuming Alice wants to stake a lump sum of **5000** tokens for **60** days, during which **3** days overlap with the voting period, the calculation of Alice's voting power is as follows:

$$5000 \times \left(\min\left(\left\lfloor \frac{60-3}{12} \right\rfloor, 10\right) + 1\right) \approx 25000$$

Example 2:

Assuming DAO presets are as follows:

Base Duration =
$$12$$
 days
Voting Duration = 5 days
Duration Cap = 3

Then, the voting power would be:

$$5000 \times \left(\min\left(\left|\frac{60-3}{12}\right|, 3\right) + 1\right) \approx 20000$$

Example 3:

Assuming Alice wants to stake tokens at different intervals. Initially, Alice stakes 500 at t=1709459615 and then stakes 4500 **40** days later around t=1712912015. Using the last DAO presets, average staking duration would be calculated as follows:

$$\frac{(500 \times 1709459615 + 4500 \times 1712912015)}{(500 + 4500)} \approx 1712566775$$

That translates into 4 effective days of staking. Now, assume Alice continues to stake the tokens for 20 more days. Then the overall staking duration is 24 days. Using the last DAO presets, then the voting power would be:

$$5000 \times \left(\min\left(\left|\frac{24-3}{12}\right|, 3\right) + 1\right) \approx 10000$$

Note: voting duration is subtracted from staking duration only if it intersects. If a member votes as soon as a proposal is open for voting, then that duration is negligible.

5 Tokenomics

MeemLev has a fixed total supply of 7 billion tokens, divided among four fundamental categories: Ecosystem, Rewards, Founders, and Team. These categories feature unique locking mechanisms tailored to their specific requirements. It's important to note that these tokens are unidirectional, meaning they can be transferred out of the holding address but cannot be returned. This one-way transfer mechanism introduces a novel element to token governance, emphasizing a deliberate design choice aimed at enhancing security, reducing potential misuse, and instilling trust within the ecosystem. Additionally, these tokens are designed to be burnable, serving as a mechanism to address surplus token supply over time and incentivize appreciation in token value through increased scarcity. Below, you'll find a visual breakdown of the distribution percentages for each category.

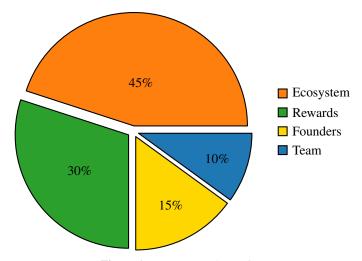


Figure 1: MeemLev Tokenomics

5.1 Ecosystem

Ecosystem tokens are dedicated to streamlining the growth and development of the MeemLev ecosystem, supporting initiatives including but not limited to marketing campaigns, strategic partnerships, community building activities, and incentives to drive adoption and expansion. Comprising 45% of the total token supply, the Ecosystem allocation represents the sustainer of MeemLev's long term growth strategy.

Release of these tokens is governed by proposal approval, ensuring that funds are allocated for specific purposes based on community consensus, thereby enhancing trust, transparency, and traceability.

5.2 Rewards

The Rewards allocation constitutes the second-largest portion of token allocation, playing a fundamental role in MeemLev's ecosystem. The allocation of 30% is meticulously chosen to align with Bitcoin's supply, representing 10 times the total supply of Bitcoin. This strategic alignment is intended to complement Bitcoin's ingenious halving mechanism [7].

Tokens allocated to rewards will be gradually released over time, mirroring the trajectory of Bitcoin's mining rewards. This allocation strategy ensures a sustainable and controlled distribution of rewards. Specifically, tokens will be released annually, following a formula that reflects the progressive reduction of rewards year over year, maintaining a sustainable incentive structure for participants in the MeemLev ecosystem. The formula for calculating yearly rewards allocation is as follows:

$$\mbox{Year Budget} = \frac{\mbox{LockedRewards} \times 2}{\mbox{Remaining Years} + 2}$$

Competitions

Rewards tokens are exclusively allocated for competitions within the MeemLev ecosystem. The system is preconfigured to accommodate three competitions annually. The selection of this number is purposeful, derived from the observation that impactful content, such as memes, tends to emerge sporadically throughout the calendar year, typically occurring between 2 to 4 times annually. As such, hosting competitions three times a year strikes a balance, allowing creators a generous window of four months to develop, submit, and vote on content. This approach ensures ample time for submission of high-quality content and community engagement. See 8 for details on projected annual reward sizes based on outlined design presets.

Competitions Schedule

Competitions are scheduled to occur annually in the months of April, August, and December, continuing until approximately the year 2140. The selection of these specific months is deliberate and based on several considerations:

- 1. **Seasonal Variations:** April, August, and December represent distinct seasons in many parts of the world, offering diverse cultural and environmental inspirations for content creation.
- 2. **Community Engagement:** These months typically coincide with periods of heightened social activity, providing ample opportunities for community members to participate and contribute to competitions.
- 3. **Spacing:** Spacing competitions evenly throughout the year ensures a balanced distribution of engagement opportunities and prevents oversaturation, allowing participants sufficient time to prepare and engage meaningfully with each event.

By aligning competitions with these strategic months, MeemLev aims to maximize community engagement, creativity, and participation in each competition cycle.

5.3 Founders

The allocation of fifteen percent to the founders is a reflection of their pivotal role in the inception and development of MeemLev. From the project's conceptualization to its execution, the founders have been the driving force behind every milestone achieved. Their dedication, innovative ideas, and tireless efforts have been instrumental in bringing the project to fruition.

This allocation is not merely a recognition of their past contributions but also a strategic decision to ensure the stability and integrity of MeemLev's decentralized autonomous organization (DAO) and the broader ecosystem. By committing fifteen percent of the token supply to the founders, MeemLev aims to align their incentives with the long-term success and sustainability of the project.

Moreover, this allocation serves as a safeguard against potential manipulation or malicious activities within the ecosystem. It provides the founders with a vested interest in upholding the principles of transparency, fairness, and decentralization upon which MeemLev is built.

The immediate availability of approximately 19% of the founder tokens allows for essential liquidity while ensuring that the founders have a stake in the project's success from the outset. The remaining founder tokens adhere to a predetermined vesting schedule, depicted in the figure below, ensuring that their interests remain aligned with the project's objectives over the long term

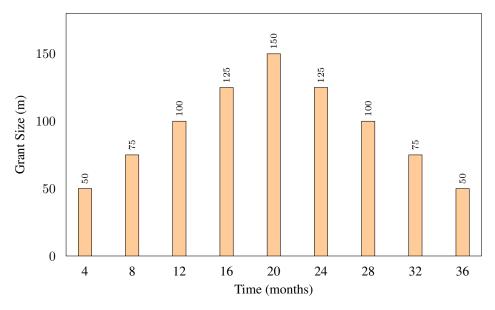


Figure 2: Founders Grants Over Time

5.4 Team

Allocating 10% of the token supply to the team is a strategic move aimed at ensuring equitable grants for both existing and prospective team members. This allocation is not only essential for fairly compensating the dedicated individuals who are instrumental in driving MeemLev's long-term vision forward but also serves as a fundamental pillar for establishing a culture of commitment and excellence within the organization. By providing grants with flexible vesting schedules, tailored to accommodate the diverse capacities and skill sets of team members, MeemLev not only incentivizes top talent to join its ranks but also encourages ongoing innovation and collaboration.

6 Roadmap

Integral to MeemLev's mission is the ongoing pursuit of development and expansion. The present iteration of MeemLev represents only the initial phase of a journey marked by boundless innovation. Positioned to emerge as the forefront of social media platforms, MeemLev is committed to curating niche content, particularly memes. In our quest for advancement, we've identified pivotal domains for enhancement and growth:

- Cross-Chain Compatibility and Upgrades: MeemLev aims to enhance its interoperability
 across diverse blockchain networks and protocols. By ensuring flawless cross-chain compatibility and implementing necessary upgrades, MeemLev seeks to broaden its ecosystem,
 promoting collaboration and innovation among users and developers alike.
- 2. MeemLev Wallet: Recognizing the importance of providing users with a secure and comprehensive wallet solution, MeemLev is committed to developing a dedicated wallet equipped with essential features for interacting with its smart contracts. This initiative will enhance user accessibility and functionality, ensuring a seamless experience within the MeemLev ecosystem.
- 3. **Platform Upgrades**: As MeemLev strives to solidify its position as the ultimate hub for viral content and meme enthusiasts, we envision transformative upgrades. These upgrades include revamped competitions, incorporating streamlined and AI-powered evaluation processes to minimize bias, and integrating in-house tools that harness the power of AI for content creation. These enhancements mark pivotal milestones in our journey to redefine content creation, social media, and blockchain-based engagement
- 4. **Mobile App Integration**: MeemLev is dedicated to introducing its mobile application, enhancing accessibility and user interaction. This streamlined app extends our services to a broader user base, improving engagement and overall user experience. Through intuitive mobile interactions with both blockchain technology and social media, users can seamlessly enjoy the full benefits of MeemLev. This initiative aligns with our commitment to continuous innovation and user-centric development, marking another milestone in our journey to reshape content creation, social media, and blockchain-based engagement

Within each of the aforementioned primary domains, we anticipate uncovering and refining numerous finer-grained elements as we navigate our journey. These elements will be identified and developed in response to evolving needs and opportunities, ensuring that our efforts remain dynamic and responsive to the demands of our growing ecosystem.

7 Conclusion

In conclusion, MeemLev embodies a transformative approach to social media and viral content creation. Our innovative platform has redefined the landscape for recognizing, rewarding, and sharing trendy content, including memes. By harnessing the power of blockchain technology and decentralized governance, we've cultivated an environment where creativity flourishes, and content creators receive the acknowledgment and rewards they deserve.

Our journey commenced with a vision to empower content creators and ensure fair recognition for their contributions. Through the issuance of the MeemLev token, the establishment of our decentralized autonomous organization (DAO), and the MeemLev social platform, we've laid the

foundation for an enabling, transparent, and equitable ecosystem where community participation is paramount

Our roadmap outlines essential milestones for enhancing MeemLev's platform and extending its impact. From implementing token cross-chain compatibility and upgrades to developing a dedicated wallet with essential features, we are dedicated to ongoing innovation and advancement.

Looking ahead, we're enthusiastic about embarking on the next phase of our journey. Driven by our mission to empower creators and motivate community engagement, we aim to reshape the creation and consumption of viral content.

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8 Appendix

Rewards Size

Tables below present the projected annual reward size from 2024 to 2140.

Year	Budget (Million)	Remainder (Million)
2024	118.64	6881.36
2025	117.63	6763.73
2026	116.62	6647.11
2027	115.60	6531.51
2028	114.59	6416.92
2029	113.57	6303.35
2030	112.56	6190.79
2031	111.55	6079.24
2032	110.53	5968.71
2033	109.52	5859.19
2034	108.50	5750.69
2035	107.49	5643.20
2036	106.48	5536.72
2037	105.46	5431.26
2038	104.45	5326.81
2039	103.43	5223.38
2040	102.42	5120.96
2040	102.42	5019.56
2041	100.39	4919.17
2042	99.38	4819.79
2043	98.36	4721.43
2044	97.35	4624.08
2045	96.33	4527.74
2040	95.32	4432.42
2047	94.31	4338.11
2048	93.29	4244.82
2049	92.28	4152.54
2050	91.26	4061.28
2051	90.25	3971.03
2052	89.24	3881.79
2053	88.22	3793.57
2054	87.21	3795.37
2056	86.19	3620.17
2057	85.18	3534.98
2058	84.17	3450.82
2059	83.15	3367.67
2060	82.14	3285.53
	81.12	3204.40
2061		
2062	80.11	3124.29
2063	79.10	3045.20
2064	78.08	2967.12
2065	77.07	2890.05
2066	76.05	2813.99
2067	75.04	2738.95
2068	74.03	2664.93
2069	73.01	2591.92
2070	72.00	2519.92

Table 1: Budget and Remainder for Years between 2024-2070 inclusive

Year	Budget (Million)	Remainder (Million)
2071	70.98	2448.94
2072	69.97	2378.97
2073	68.96	2310.01
2074	67.94	2242.07
2075	66.93	2175.14
2076	65.91	2109.23
2077	64.90	2044.33
2078	63.89	1980.44
2079	62.87	1917.57
2080	61.86	1855.71
2081	60.84	1794.87
2082	59.83	1735.04
2082	58.82	1676.23
2083	57.80	1618.43
2084	56.79	1561.64
2086 2087	55.77 54.76	1505.87 1451.11
2088	53.74	1397.36
2089	52.73	1344.63
2090	51.72	1292.92
2091	50.70	1242.21
2092	49.69	1192.52
2093	48.67	1143.85
2094	47.66	1096.19
2095	46.65	1049.54
2096	45.63	1003.91
2097	44.62	959.29
2098	43.60	915.69
2099	42.59	873.10
2100	41.58	831.52
2101	40.56	790.96
2102	39.55	751.41
2103	38.53	712.88
2104	37.52	675.36
2105	36.51	638.85
2106	35.49	603.36
2107	34.48	568.88
2108	33.46	535.42
2109	32.45	502.97
2110	31.44	471.53
2111	30.42	441.11
2112	29.41	411.71
2113	28.39	383.31
2114	27.38	355.93
2115	26.37	329.57
2116	25.35	304.22
2117	24.34	279.88
2118	23.32	256.56
2119	22.31	234.25
2120	21.30	212.95

Table 2: Budget and Remainder for Years between 2071-2100 inclusive

Year	Budget (Million)	Remainder (Million)
2121	20.28	192.67
2122	19.27	173.40
2123	18.25	155.15
2124	17.24	137.91
2125	16.22	121.69
2126	15.21	106.48
2127	14.20	92.28
2128	13.18	79.10
2129	12.17	66.93
2130	11.15	55.77
2131	10.14	45.63
2132	9.13	36.51
2133	8.11	28.39
2134	7.10	21.30
2135	6.08	15.21
2136	5.07	10.14
2137	4.06	6.08
2138	3.04	3.04
2139	2.03	1.01
2140	1.01	0.00

Table 3: Budget and Remainder for Years between 2051-2100 inclusive