MEDYA TOKEN (MEDYA)

WHITEPAPER

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1. Executive Summary

The **MEDYA TOKEN** project is a forward-thinking initiative designed to establish a decentralized, community-driven funding model for **independent and free media** in Turkey. At its core, MEDYA TOKEN is an ERC-20 standard token deployed on the Arbitrum One network, built not just as a financial asset, but as a symbol of collective support for open access to information, diverse perspectives, and transparent content production.

This project emerges in response to the growing need for **sustainable, community-supported media ecosystems**, where creators and audiences can interact directly without intermediaries or gatekeepers. By utilizing blockchain technology, MEDYA TOKEN aims to build a transparent and decentralized platform that empowers the community to take an active role in supporting the media they value.

The primary goal of MEDYA TOKEN is to foster a system where **independent media thrives** through a secure and transparent funding mechanism. It envisions a future where financial sustainability and content freedom coexist, and where creators are rewarded for their contributions by a community that values integrity, diversity, and the free exchange of ideas.

The key value proposition of MEDYA TOKEN includes:

- Providing a secure, transparent, and immutable funding mechanism through blockchain technology.
- Enabling direct community support for independent and free media, overcoming traditional funding limitations.
- Introducing a scarcity-driven token model that aligns token utility with real-world impact.
- Supporting creators across a wide range of fields, including news, culture, education, science, arts, and technology, to promote a rich and diverse media ecosystem.
- Upholding principles of freedom of thought, open dialogue, and inclusive access to knowledge.

MEDYA TOKEN is not just a financial product; it is a community-driven initiative that champions **the importance of free and independent media** as a public good. In a world where access to diverse and trustworthy information is vital, MEDYA TOKEN offers a way to restore confidence in media through decentralization, transparency, and collective participation.

The significance of the project extends beyond its technical implementation. MEDYA TOKEN represents a vision for a future where communities actively support and sustain the content they value. It aligns with global trends toward decentralization and community governance, while addressing a crucial need for sustainable, independent media in Turkey.

In summary, the MEDYA TOKEN project seeks to create a resilient, self-sustaining ecosystem where the community directly funds the content it values, ensuring that free, diverse, and high-quality media remains accessible to all. This is a project driven by necessity, powered by innovation, and guided by a commitment to transparency, inclusivity, and public benefit.

2. Vision, Mission, and Core Values

Vision

The vision of **MEDYA TOKEN** is to create a **decentralized, transparent, and community-powered media ecosystem** that supports independent and free media in Turkey and beyond. MEDYA TOKEN envisions a future where **freedom of expression is protected**, **diverse perspectives are encouraged**, and **access to reliable, high-quality information** is recognized as a fundamental right for all.

This vision is rooted in the belief that **media freedom and diversity** are essential pillars of a healthy, informed, and engaged society. By using blockchain technology, the project aims to eliminate traditional barriers to funding and participation, building a media environment where **truth, accountability, and community values** guide content production and support.

MEDYA TOKEN aspires to be a symbol of how **decentralization and transparency** are not just technical innovations, but essential tools for building a **sustainable and fair media ecosystem** for the future.

Mission

The mission of MEDYA TOKEN is to:

- Support independent and free media by providing an **accessible, transparent, and community-driven funding model**.
- Promote a culture of **integrity, inclusivity, and diversity** in content production.
- Build a **trusted platform** where creators can share their work freely, without barriers or limitations.
- Encourage public participation in supporting media projects that reflect **the cultural richness and variety of ideas** within Turkey and beyond.
- Foster **media literacy, community engagement, and open dialogue** through educational initiatives and public resources.

The mission of MEDYA TOKEN is not limited to financial mechanisms. It is about transforming the relationship between creators and audiences, creating a space where **truth is valued**, **diversity is respected**, and **every voice can find its place**.

Core Values

MEDYA TOKEN is guided by a set of core principles that shape its decisions, strategies, and community culture. These values form the foundation of the project's long-term vision:

- **Transparency**: All financial flows, token allocations, and decision-making processes will be openly shared with the community.
- **Decentralization**: The project is committed to progressively adopting decentralized governance models such as multi-signature wallets and DAOs to distribute power and build trust.

- **Independence**: MEDYA TOKEN is designed to be free from external control, focusing solely on serving the public good and community needs.
- **Freedom of Expression**: The platform is dedicated to upholding open dialogue and creating a safe space for diverse ideas and perspectives.
- **Integrity and Ethics**: A commitment to fairness, accuracy, and ethical practices in all project activities.
- **Community Empowerment**: The belief that the audience is an active participant in shaping the future of media, not just a passive consumer.
- **Alignment with Universal Principles**: Upholding values such as openness, inclusivity, knowledge sharing, and critical thinking as essential for a thriving society.
- **Innovation for Public Benefit**: Leveraging blockchain and decentralized technologies to solve real-world challenges and improve access to information.

This vision, mission, and core values framework serves as a guiding star for all **MEDYA TOKEN** activities, ensuring that every step forward contributes to a **freer, more diverse, and informed society**.

3. Market Overview and Problem Statement

The Global Media Landscape: A Sector Under Pressure

The media industry worldwide is facing unprecedented challenges in the 21st century. Traditional revenue models, once based on advertising and subscriptions, are collapsing under the weight of digital disruption, changing audience behaviors, and the rise of platform monopolies. Independent journalism an essential pillar of democracy struggles to survive in an ecosystem dominated by **clickbait-driven algorithms, sensationalism, and corporate consolidation**. Globally, we are witnessing a steady decline in **press freedom rankings**, increasing **state-sponsored censorship**, and the erosion of **public trust in media**.

The Turkish Context: A Critical Need for Change

In Turkey, the situation is particularly acute. The media landscape is characterized by:

- **High levels of state control and regulatory pressure** on independent outlets,
- The **closure or takeover** of critical and oppositional media organizations,
- The **concentration of media ownership** in the hands of a few conglomerates,
- Limited access to **diverse, reliable, and unbiased information** for the public,
- A growing atmosphere of **self-censorship** among journalists due to fear of legal and financial repercussions.

As a result, many independent journalists and content creators are left **without sustainable income sources**. They rely on **sporadic donations**, **small-scale crowdfunding**, or **unstable freelance work**, which are often insufficient to maintain consistent, high-quality output. This precarious environment threatens the very foundation of a **free and pluralistic media ecosystem**.

Financial Challenges of Independent Media

At the heart of the problem lies the **funding gap**. Unlike mainstream media, which often benefits from large advertising deals, political patronage, or corporate sponsorships, independent media is left to navigate a harsh landscape with **limited resources**. Key issues include:

- **Lack of stable and transparent funding mechanisms**,
- **Donor fatigue** and inconsistent support from audiences,
- **High operational costs**, including equipment, research, reporting, and legal protection,
- **Limited access to payment infrastructure**, especially for small creators without formal organizations.

Without a reliable funding system, many valuable projects face **early shutdowns**, and investigative journalism an essential public good becomes a **rare commodity**.

The Problem of Centralization and Control

Traditional funding and distribution models often impose **centralized gatekeeping** on media projects. Whether it's advertisers shaping content to fit commercial interests or governments exerting pressure through licensing and regulation, creators are frequently forced to **compromise their editorial independence** in exchange for survival. This dynamic leads to:

- Homogenized content that prioritizes profitability over diversity,
- The **silencing of critical voices**,
- The decline of **investigative reporting** and **public interest journalism**,
- The weakening of **democratic discourse** and **informed citizenship**.

Why Blockchain? Why Now?

The rise of **blockchain technology** offers a unique opportunity to **break free from centralized control** and empower communities to directly support the content they value. By providing:

- **Immutable records** of transactions,
- **Transparent and auditable funding flows**,
- **Decentralized access** to participation and decision-making, blockchain enables a **new model of media funding** that is:
- Independent from corporate or political interference,
- Aligned with audience interests rather than advertiser priorities,
- Open, inclusive, and resilient to censorship.

MEDYA TOKEN leverages these possibilities to address the **urgent need for a fair, transparent, and sustainable funding mechanism** for independent media in Turkey.

The Core Problem Statement

MEDYA TOKEN is designed to solve a **fundamental problem**:

How can we ensure the survival and growth of independent media in a system where traditional funding models have failed, and where content freedom is under constant threat?

The answer lies in creating a **community-powered ecosystem**, where the public directly funds and governs the media it values. By introducing a tokenized model that aligns incentives, rewards participation, and ensures transparency, MEDYA TOKEN seeks to create a **new paradigm for independent journalism** one that is **financially viable, censorship-resistant, and community-owned**.

4. MEDYA TOKEN Project Overview

MEDYA TOKEN is an innovative blockchain-based project designed to support independent media in Turkey by creating a decentralized, transparent, and community-powered funding model. At its core, MEDYA TOKEN is an ERC-20 compatible token deployed on the Arbitrum One Layer-2 network (Contract Address: 0x19Bd362cF5d3b7830f7071f6f3b4a4503bD96230).

It implements advanced Ethereum standards including **EIP-2612 Permit for gasless approvals** and **EIP-5267 for on-chain domain verification**, and adopts a **hybrid approval security model** that combines full DeFi compatibility with enhanced protection against allowance race conditions. Ownership and administrative control are protected through a **two-step, 24-hour timelocked and cancelable ownership transfer mechanism**, ensuring transparency, safety, and long-term governance integrity.

The contract explicitly **rejects all ETH transfers** via dedicated receive() and fallback() reverts, guaranteeing strict ERC-20 purity and preventing accidental fund loss.

The project aims to solve one of the most pressing issues facing the media industry today: the lack of sustainable, censorship-free, and transparent funding for independent creators. By introducing a tokenized ecosystem, MEDYA TOKEN empowers the community to directly support the content they value, bypassing traditional intermediaries such as advertisers, corporate sponsors, and political entities.

Core Objectives of the Project

The primary goals of MEDYA TOKEN are to:

• **Provide a sustainable funding mechanism** for independent journalists, creators, and educators who are committed to producing content free from external influence.

• **Foster a diverse, vibrant, and community-driven media ecosystem** that reflects a wide range of perspectives, ideas, and voices.

• **Protect freedom of expression** and create a safe space for critical, investigative, and culturally enriching content supported by censorship-resistant blockchain infrastructure.

• **Promote civic engagement, media literacy, and informed citizenship** through open-access educational initiatives and community participation.

• **Establish a technically secure and transparent funding layer** using immutable smart contracts, hybrid allowance protection, verifiable EIP-712 domains, and time-locked governance controls.

• **Align the project with Atatürk's principles and the values of the Republic**, upholding secularism, democracy, and modernity as guiding philosophies while embracing decentralization and public accountability.

Key Components of the MEDYA TOKEN Ecosystem

1. **The MEDYA TOKEN (ERC-20 Token):**
   The financial engine of the ecosystem, designed for secure, transparent, and efficient value exchange within the community.
   The contract strictly rejects ETH transfers, enforces allowance resets before updates, and exposes all key parameters through on-chain view functions for transparency. The token serves as:
   - A **means of support** for content creators (donations, tips, and sponsorships),
   - A **gateway to premium content** and exclusive experiences,
   - A tool for **rewarding community engagement** and participation in governance.
2. **The Independent Media Platform (www.medyatoken.com):**
   The primary digital hub where:
   - Content is published, curated, and shared,
   - Users can discover and support creators directly,
   - Community updates, project roadmaps, and financial transparency reports are shared,
   - Educational resources and media literacy tools are made available.
3. **The Content Creator Community:**
   Journalists, educators, artists, and independent media professionals who:
   - Produce a wide variety of content (news, culture, science, technology, arts, and more),
   - Engage with their audiences transparently,
   - Uphold ethical standards and editorial independence.
4. **The Supportive Audience and Community:**
   Token holders, readers, and viewers who:
   - Fund and sustain the ecosystem through their token contributions,
   - Participate in discussions, feedback loops, and governance (future DAO model),
   - Actively shape the direction and priorities of the platform.

The Role of the Token

MEDYA TOKEN is not just a cryptocurrency; it is a **symbol of community support** and a **functional tool** that powers the project's ecosystem. Its primary functions include:

- **Supporting Content Creators:**
  Token holders can donate or tip creators directly, enabling them to focus on their work without relying on sponsors or advertisers.
- **Access to Premium Content and Features:**
  Certain exclusive content, educational materials, or events may require token access, creating value for both users and creators.
- **Governance Participation (Future DAO Model):**
  In the project's later stages, token holders will have the opportunity to participate in decision-making processes, helping to shape the project's evolution.

  Ownership and administrative controls follow a two-step, 24-hour timelocked process, ensuring that any governance or ownership transfer is transparent and protected against rushed or unauthorized actions.
- **Rewarding Engagement:**
  Community members who contribute to the ecosystem (e.g., by sharing content, helping with translations, or organizing events) can be rewarded with tokens, fostering a sense of ownership and belonging.

A Community-Driven Model

The MEDYA TOKEN project is designed around the principle that **the community should own and sustain the media it consumes**. By removing barriers between creators and audiences, the project establishes a **direct, trustless relationship** where:

- **Creators maintain full editorial independence**,
- **The audience determines what content thrives**,
- **Transparency and accountability** are built into the system.

In doing so, MEDYA TOKEN sets out to **redefine how media is funded and consumed**, creating a **self-sustaining ecosystem** that serves the public interest, protects freedom of expression, and champions the values of an informed, engaged society.

The underlying smart contract architecture reflects these values technically — implementing strict approve semantics, verified EIP-712 signatures, and explicit ETH rejection to guarantee security, fairness, and transparency across all user interactions.

5. Tokenomics and Supply Model

Overview of the Token Model

MEDYA TOKEN is designed with a **scarcity-based economic model** that aligns its value directly with the mission of supporting independent media. The tokenomics are intentionally simple yet robust, providing a clear framework for **long-term sustainability**, **transparency**, and **fair distribution**. By combining a **fixed maximum supply** with targeted use cases, MEDYA TOKEN aims to create a healthy ecosystem where **community support translates into real-world impact**.

Token Details

Parameter	Description	Value
Name	Token Name	MEDYA TOKEN
Symbol	Token Symbol	MEDYA
Decimals	Smallest Unit	8
Max Supply	Hard-Capped Total Supply	990,000 * 10^8 units
Initial Supply	Minted to Owner at Deployment	100% of Max Supply
Contract Address	Deployed on Arbitrum One	0x19Bd362cF5d3b7830f7071f6f3b4a4503bD96230
Standards Implemented	Technical Compliance	ERC-20, EIP-2612 (Permit), EIP-5267 (Domain Descriptor)
Security Controls	Approval & Ownership	Hybrid approval model (approve overwrite + strict permit zero-reset), two-step 24-hour timelocked and cancelable ownership transfer, explicit ETH rejection

Fixed Supply Philosophy

MEDYA TOKEN operates with a strict maximum supply of **990,000 tokens (with 8 decimals)**, enforced directly within the immutable smart contract. There are **no minting functions** beyond the initial deployment, ensuring that the total supply can never be increased. This hard cap establishes a scarcity-driven economic model where the token's value is tied to the growth of its community and the success of the media ecosystem it supports.

By limiting the supply:
- Inflationary risks are eliminated.
- The community can rely on a predictable and transparent token economy.
- Value creation focuses on engagement and real-world impact, not artificial inflation.

This structure reinforces the project's commitment to long-term sustainability and user trust.

Token Distribution at Deployment

Upon deployment, **100% of the maximum supply is minted directly to the owner's address**, as defined in the constructor of the verified contract.

This ensures full transparency visible on-chain and allows for:
• Strategic allocations for ecosystem development and liquidity,
• Gradual token release via community-informed processes such as:

- Public sales,
- Community and creator grants,
- Marketing and partnership campaigns,
- DAO transition reserves.

Ownership transitions are secured by a **two-step, 24-hour timelocked mechanism**, ensuring that any change of control is both transparent and verifiable on-chain.

Token Utility Scenarios

MEDYA TOKEN is designed to be **more than just a digital asset**. It serves as a **functional tool** within the ecosystem, enabling a variety of real-world use cases that support independent media. These include:

- **Direct Support for Creators:**
  Users can tip or donate tokens to content creators, providing a **stable and transparent funding source** that bypasses intermediaries like advertisers or platforms.
- **Access to Premium Content:**
  Some exclusive materials such as in-depth investigative reports, documentaries, workshops, or educational content may require token access, creating an incentive for audience participation.
- **Community Rewards:**
  Active community members who contribute to the ecosystem by sharing content, moderating discussions, translating materials, or participating in governance can earn tokens as recognition for their contributions.
- **Participation in Governance (Future DAO Model):**
  Token holders will eventually have the power to **vote on key decisions**, such as budget allocations, project priorities, and partnership proposals, aligning the project with **community-driven values**.

Burn Mechanism and Deflationary Model

The smart contract includes a **burn()** function allowing any user to permanently destroy their own tokens.
• This reduces total supply and introduces a controlled deflationary effect.
• Only token holders themselves can burn; the contract owner has no privileged ability to destroy tokens.
• Every burn is transparently recorded via the **Burn** and **Transfer** events emitted on-chain.

Long-Term Vision for Supply Management

The MEDYA TOKEN model ensures:
• Immutable max supply and transparent on-chain verification via getTotalSupply() and getBalance() view functions.
• Alignment of incentives between creators, holders, and the community.
• Decentralized transition through time-locked ownership and open governance.
• Continued transparency through the eip712Domain() descriptor (EIP-5267) and strict approval semantics for all allowance changes.

This system establishes MEDYA TOKEN as a technically resilient and community-centered digital infrastructure for sustainable, independent media funding.

6. Smart Contract Architecture and Technical Details

Overview of the Contract Design

The MEDYA TOKEN smart contract is engineered with a strong emphasis on **security, transparency, immutability, and full ERC-20 compliance**, providing a robust and auditable on-chain foundation for decentralized media funding.

Deployed on the **Arbitrum One Layer-2 network**, the contract leverages Ethereum's security model while benefiting from low transaction costs and high throughput. It integrates modern Ethereum standards including **EIP-2612 (Permit)** for gasless approvals and **EIP-5267** for on-chain discovery of the EIP-712 domain, enabling verifiable off-chain signature validation.

The architecture deliberately follows a **minimalist and auditable design philosophy**, eliminating unnecessary complexity while incorporating advanced governance protections, hybrid allowance safety mechanisms, strict ETH rejection, and extended event transparency.

Core Technical Features

1. ERC-20 Standard Compliance

MEDYA TOKEN fully adheres to the ERC-20 specification, implementing all mandatory functions including:

- transfer
- approve
- transferFrom
- balanceOf
- allowance
- totalSupply

This ensures full compatibility with wallets, decentralized exchanges, DeFi protocols, indexers, and analytics platforms across the Ethereum ecosystem.

2. Fixed and Immutable Maximum Supply

The total supply is **hard-capped at 990,000 × 10^8 units** and permanently enforced at the contract level through immutable constants.

- All tokens are minted once at deployment.
- No mint or supply-expansion functions exist.
- Inflation is technically impossible by design.

This guarantees long-term scarcity, predictable token economics, and verifiable supply integrity directly on-chain.

3. Hybrid Approval Model (Allowance Safety Architecture)

MEDYA TOKEN implements a **hybrid allowance security model** that balances ecosystem compatibility with enhanced protection against allowance race conditions:

- **approve() allows overwriting existing allowances**, preserving full compatibility with DeFi routers, aggregators, and staking protocols.
- **permit() enforces a strict zero-reset rule (MustResetToZeroFirst)**, eliminating race-condition vulnerabilities in gasless approvals.
- increaseAllowance() and decreaseAllowance() provide safe incremental allowance management.

This hybrid approach ensures:

- Maximum interoperability with existing DeFi infrastructure.
- Strong mitigation of approval-related attack vectors in off-chain signature flows.

4. Permit Functionality (EIP-2612) with Advanced Signature Hygiene

The contract implements full **EIP-2612 Permit** support, enabling gasless approvals through cryptographically signed messages.

Security mechanisms include:

- **Per-user nonce tracking** to prevent replay attacks.
- **Low-s signature enforcement** and strict validation of $v \in \{27, 28\}$.
- **EIP-712 domain binding** to chainId and contract address, preventing cross-chain replay.
- **Strict zero-reset enforcement inside permit()**, even though approve() allows overwriting.
- Emission of both **Approval** and **PermitUsed** events for full traceability.

This design delivers gasless approvals with **institutional-grade cryptographic safety and auditability**.

5. On-Chain Domain Discoverability (EIP-5267)

The contract implements **EIP-5267** via the eip712Domain() view function, exposing the complete EIP-712 domain parameters directly on-chain, including:

- Domain name and version
- Chain ID
- Verifying contract address

This feature enables:

- Transparent verification of off-chain signatures
- Cross-chain tooling reliability
- Reduced integration errors and signature spoofing risks

6. Ownership and Administrative Controls (Timelocked Two-Step Governance)

Administrative ownership follows a **two-step, 24-hour timelocked and cancelable transfer mechanism** designed to prevent accidental or malicious control changes.

Ownership flow:

1. The current owner calls transferOwnership(newOwner), setting a pending owner and activation time.
2. After 24 hours, the pending owner must call acceptOwnership() to finalize the transfer.
3. The current owner may cancel the transfer at any time before completion.

Additional protections:

- Timelocked renounceOwnership with cancel option
- Full event logging (OwnershipTransferStarted, OwnershipTransferred, OwnershipRenounceStarted, OwnershipRenounceCanceled)
- Public visibility through getOwner() and getPendingOwner()

This mechanism provides **institutional-grade governance safety, transparency, and accountability**.

7. Explicit ETH Rejection (NoETH Policy)

The contract explicitly rejects all ETH transfers:

- Both receive() and fallback() immediately revert using the custom NoETH() error.
- No payable entry points exist.

This guarantees:

- Prevention of accidental ETH loss

- Elimination of payable attack surfaces
- Strict isolation of ERC-20 logic

The contract is designed as a **pure token utility component with zero native currency exposure**.

8. Burn Functionality (Deflationary Supply Support)

Any token holder may permanently destroy their own tokens using the burn() function.

- Reduces both user balance and total supply.
- No privileged burn rights exist for the owner.
- Every burn emits both Burn and Transfer events.

This enables voluntary deflation and strengthens long-term scarcity dynamics while preserving decentralization.

9. Read-Only Transparency and Integration APIs

To improve integrator experience and transparency, the contract exposes a rich set of public view functions:

- getOwner()
- getPendingOwner()
- getBalance(address)
- getAllowance(address, address)
- getTotalSupply()
- eip712Domain()

These interfaces support wallets, explorers, exchanges, auditors, and governance tooling with real-time, verifiable state data.

Design Philosophy and Security Architecture

The MEDYA TOKEN contract follows strict engineering principles:

- **Minimalism**: Only essential ERC-20 logic and security extensions are implemented.
- **No Reentrancy Surface**: Core ERC-20 flows perform no external calls, eliminating reentrancy risk by design.
- **Deterministic Initialization**: DOMAIN_SEPARATOR and total supply are computed and fixed at deployment.
- **Custom Errors and Rich Events**: Gas-efficient failure modes and granular event tracking enhance auditability.

- **Compiler-Level Safety**: Built on Solidity 0.8.25 with automatic overflow and underflow protection.

Summary of Technical Strengths

The MEDYA TOKEN smart contract provides:

- Full ERC-20 compliance on Arbitrum One
- Immutable hard-capped supply
- Hybrid approval model with race-condition mitigation
- Gasless approvals with advanced EIP-2612 security
- On-chain EIP-5267 domain verification
- Timelocked and cancelable ownership governance
- Strict ETH rejection
- Deflationary burn mechanism
- Extensive transparency APIs and event logging

Together, these features establish a **secure, auditable, censorship-resistant, and governance-ready infrastructure** for sustainable, community-driven independent media funding.

7. Governance Model and Decentralization Strategy

The Role of Governance in the MEDYA TOKEN Ecosystem

Governance remains a fundamental pillar of the MEDYA TOKEN project's long-term vision. While the contract currently operates under a controlled ownership model to ensure early-stage stability, it is architected with a clear pathway toward decentralized governance.

This transition aligns with the project's mission of supporting independent media and community empowerment. The governance framework aims to distribute decision-making authority across creators, token holders, and supporters, reducing single-point-of-failure risks and fostering long-term trust.

Current Ownership Model: Centralized for Early-Stage Stability

At deployment, the MEDYA TOKEN contract is owned by the deployer address, which initially holds administrative control. However, **unlike traditional centralized models**, ownership transfers in MEDYA TOKEN are **secured through a two-step, 24-hour timelocked process**, consisting of:

1. **transferOwnership(newOwner):** The current owner initiates the transfer, setting pendingOwner and starting a 24-hour delay.
2. **acceptOwnership():** After 24 hours, only the pending owner can finalize the process.

Additionally:
• The current owner can cancel any ongoing ownership transfer via cancelOwnershipTransfer().

• Ownership can be permanently renounced at any time using renounceOwnership().
• getPendingOwner() and ownershipActionEta allow anyone to verify pending transitions on-chain.

This time-lock mechanism introduces accountability and transparency, ensuring that ownership changes cannot occur unexpectedly or maliciously.

While this structure still provides centralized oversight during the early phase, it already integrates **decentralization safeguards** within the contract itself — laying a technical foundation for trust and transparent governance.

The Path to Decentralization: A Phased Strategy

Phase 1: Controlled Ownership with On-Chain Transparency (Current Stage)
• Contract owned by the deployer with a 24-hour timelocked ownership transfer.
• Focus on infrastructure, partnerships, and community growth.
• Full public visibility into ownership status via view functions (getOwner(), getPendingOwner()).

Phase 2: Multi-Signature Wallet Transition
• Ownership migrated to a multi-signature wallet governed by key community members, advisors, and project stakeholders.
• Consensus-based approvals eliminate single-point control.
• Security reinforced through multi-sig validation plus timelock logic retained at the protocol level.

Phase 3: DAO Governance Model (Long-Term Goal)
• Transition toward a **DAO (Decentralized Autonomous Organization)** structure where token holders can propose, discuss, and vote on key decisions, including:

- Budget allocations and grants.
- Platform development and feature priorities.
- Strategic partnerships and content funding.
  • DAO governance ensures community-driven decisions that align with MEDYA TOKEN's mission and values.

Community Participation and Voting Mechanisms

The DAO phase will establish a transparent and accessible voting system, where token holders can:
• Submit proposals related to funding, development, or governance.
• Vote via token-weighted or quadratic mechanisms.
• Engage in open discussions through public governance portals.

This model fosters shared responsibility and collaboration among creators, holders, and supporters turning the ecosystem into a living, participatory community.

Decentralization as a Core Principle

MEDYA TOKEN's decentralization strategy reflects its philosophy that freedom of speech requires freedom of control.

• Community-driven ownership ensures that no single entity dominates the platform.

• Blockchain's transparency and immutability create a trustless coordination layer.

• The 24-hour timelocked governance structure ensures deliberation and accountability in all administrative changes.

By embracing gradual decentralization, MEDYA TOKEN transforms into a public digital good, owned and directed by those who believe in free, independent, and transparent media.

Conclusion

The MEDYA TOKEN governance strategy balances early-stage operational control with long-term decentralization and transparency.

Starting from a two-step timelocked ownership model, evolving through multi-signature control, and culminating in DAO-based governance, the project ensures both safety and inclusivity.

This pragmatic yet principled approach guarantees that MEDYA TOKEN remains faithful to its core values freedom, integrity, and collective ownership while building a secure and community-led future.

8. Project Roadmap

The MEDYA TOKEN project will progress through a structured and transparent process. The initial phase includes the preparation of the official website and the development of the ERC-20 token contract on Arbitrum One (Ethereum Layer 2). Following this, the project team will engage with expert advisors to refine the roadmap, prepare a Light Paper, and publish a comprehensive Whitepaper.

Subsequent steps include establishing agreements with cryptocurrency exchanges for token listing, preparing a detailed budget plan, and formalizing an agreement with an independent audit firm to ensure transparent financial management. The token launch dates will be determined and publicly announced.

A legal entity will be established to represent the project formally. The initial offering of the MEDYA TOKEN will provide the necessary funding for the project's operations. After securing funds, office, studio, and technical infrastructure will be set up.

The project will apply for a broadcasting license (RTÜK) if required. The core team and supporting teams will be recruited, and agreements will be signed with both internal and external content creators.

The project will then enter the trial content and testing phase, followed by the official launch of regular broadcasts, marking the start of the MEDYA TOKEN ecosystem.

9. Legal, Regulatory, and Compliance Considerations

Navigating Legal Frameworks: Transparency, Responsibility, and Compliance

The MEDYA TOKEN project is committed to operating within the boundaries of applicable laws and regulations, both in Turkey and globally. While the blockchain space is rapidly evolving and often

operates in a grey legal zone, MEDYA TOKEN adopts a **proactive, transparent, and ethical approach** to ensure its operations align with legal standards and community expectations.

Compliance Principles

1. **Transparency in All Financial Activities**
   MEDYA TOKEN will maintain a clear and open record of token distributions, revenue flows, and project expenses. Regular reports, audited by an independent firm, will be shared with the community to promote accountability.
2. **Adherence to Regulatory Requirements**
   The project will comply with relevant Turkish laws and global standards concerning:
   - Anti-Money Laundering (AML),
   - Know Your Customer (KYC) procedures (where applicable),
   - Tax obligations and reporting,
   - Intellectual property rights,
   - Content licensing and broadcasting regulations.
3. **RTÜK License (If Required)**
   Depending on the legal requirements of operating a media platform in Turkey, an application for an RTÜK (Radio and Television Supreme Council) license will be submitted if necessary. This will ensure that the project's broadcasting activities are fully compliant with national regulations.
4. **Corporate Registration and Legal Structure**
   MEDYA TOKEN will establish a formal legal entity to represent the project officially, handle contractual obligations, and manage financial responsibilities. This step reinforces the project's commitment to long-term sustainability and legal integrity.
5. **User Protection and Data Privacy**
   The platform will follow best practices for protecting user data and ensuring privacy. Any data collected will be handled in accordance with privacy laws and only used for legitimate project-related purposes.

Regulatory Adaptability

The crypto and media industries are both subject to dynamic regulatory landscapes. MEDYA TOKEN acknowledges the importance of staying informed about changes in legal frameworks and is committed to **adapting its operations** as necessary to remain compliant. This may include:

- Adjusting token sale processes based on evolving securities regulations.
- Updating platform policies in line with new data protection laws.
- Ensuring ongoing dialogue with legal advisors and regulators.

Legal Disclaimer

While the project is designed with a strong focus on compliance, it is important to note that legal and regulatory requirements may vary across jurisdictions. Users, investors, and partners are encouraged to consult their own legal and financial advisors before participating in the project.

In summary, MEDYA TOKEN's legal and compliance strategy is built on a foundation of **transparency, proactive risk management, and ethical responsibility**. The project aims to create a **secure, legally sound environment** for all participants, supporting the long-term health and credibility of the ecosystem.

10. Risk Analysis and Mitigation Strategy

A Proactive Approach to Risk Management

The MEDYA TOKEN project recognizes that both the blockchain industry and the media ecosystem are inherently exposed to multiple categories of risk, ranging from smart contract vulnerabilities to regulatory uncertainty and community adoption challenges.

In response, the project adopts a **proactive, transparent, and continuous risk management framework**, supported by formal security audits, immutable smart contract design, governance safeguards, and ongoing technical and community monitoring. The objective is to identify potential threats early and apply structured mitigation mechanisms that preserve long-term stability, security, and trust.

Key Risk Categories and Mitigation Measures

1. Technical and Smart Contract Risks

Potential Threats:

• Undiscovered vulnerabilities in smart contract logic.
• Allowance race conditions or approval misuse.
• Replay or forged signature attacks in permit flows.
• Ownership hijacking or accidental administrative transfers.
• Accidental ETH transfers to the token contract.
• Network congestion or execution risks on Arbitrum One.
• Integration inconsistencies with wallets, dApps, or exchanges.

Mitigation Strategies:

• The contract has undergone an **independent security audit** with no critical vulnerabilities detected and full unit-test coverage (102 / 102 tests passed).

• Adoption of a **hybrid approval security model**:

- approve() allows overwriting for full DeFi compatibility.
- permit() enforces a strict zero-reset rule (MustResetToZeroFirst) to eliminate race-condition vulnerabilities in gasless approvals.

• Full implementation of **EIP-2612 Permit** with advanced cryptographic safeguards:

- Nonce tracking for replay protection.
- Low-s enforcement and restricted v values (27, 28).
- Domain binding to chainId and contract address.

• Exposure of the EIP-712 domain on-chain via **EIP-5267**, preventing domain spoofing and cross-chain replay risks.

• Ownership protected through a **two-step, 24-hour timelocked and cancelable governance mechanism**, preventing instant hijacks and misclick errors.

• Explicit rejection of all ETH via **receive() and fallback() reverts (NoETH)**, eliminating trapped funds and payable attack surfaces.

• The ERC-20 core performs **no external calls**, creating a **minimal reentrancy surface by design**, without requiring reentrancy guards.

• Continuous on-chain monitoring and public contract verification on Arbiscan.

• Phased deployment strategy for any future ecosystem contracts to isolate and contain potential risks.

2. Governance and Administrative Risks

Potential Threats:

• Centralized ownership creating a single point of failure.
• Accidental or malicious ownership transfers.
• Loss or compromise of administrative private keys.
• Lack of emergency stop functionality.

Mitigation Strategies:

• Ownership transfers follow a **two-step, 24-hour timelocked and cancelable process**, preventing instant control changes.

• Timelocked and cancelable **renounce ownership flow** protects against irreversible administrative loss.

• All ownership actions emit structured on-chain events, ensuring **full transparency and auditability**.

• Public access to governance state via getOwner() and getPendingOwner().

• Long-term roadmap includes migration to **multi-signature and DAO-based governance** to distribute authority and eliminate single-key dependency.

• The absence of a pause mechanism is an intentional design choice favoring immutability and censorship resistance; emergency response relies on monitoring, governance coordination, and future optional DAO-controlled safeguards.

3. Regulatory and Legal Risks

Potential Threats:

• Changes in Turkish or international cryptocurrency regulations.
• Utility token classification uncertainties.

• Broadcasting and licensing compliance requirements.
• AML, KYC, and taxation framework evolution.

Mitigation Strategies:

• Operation under a formally registered legal entity with continuous legal advisory support.

• Flexible token sale and governance design adaptable to evolving regulatory frameworks.

• Application for required broadcasting and media permits (e.g., RTÜK) as platform operations scale.

• Transparent disclosure of regulatory developments and compliance updates to the community.

• Clear documentation that MEDYA TOKEN operates as a utility-driven funding and governance instrument, not as a speculative security product.

4. Market and Liquidity Risks

Potential Threats:

• Token price volatility and liquidity fluctuations.
• Delays in exchange listings or integrations.
• Speculative behavior overshadowing ecosystem utility.

Mitigation Strategies:

• Strong focus on **real-world utility** including creator funding, premium access, and governance participation.

• Fixed and immutable supply eliminates inflation risk and artificial dilution.

• Transparent publication of token distribution, supply cap, and burn activity.

• Strategic partnerships with content platforms, creators, and infrastructure providers.

• Priority placed on long-term ecosystem value rather than short-term market speculation.

5. Community and Operational Risks

Potential Threats:

• Low creator adoption or limited audience engagement.
• Team turnover or operational continuity risks.
• Misalignment between community expectations and project direction.

Mitigation Strategies:

• Progressive transition toward **community-driven governance** through multi-signature and DAO frameworks.

• Reward and incentive programs for creators, contributors, and active community members.

• Regular transparency reports, governance updates, and public communication channels.

• Recruitment of a mission-aligned, multidisciplinary team committed to long-term sustainability.

• Continuous community feedback loops and participatory decision-making mechanisms.

Continuous Risk Monitoring

Risk management is treated as an ongoing operational discipline rather than a one-time procedure.

The MEDYA TOKEN team commits to:

• Continuous assessment of technical, regulatory, and operational risk environments.
• Periodic publication of audit updates and monitoring reports.
• Maintenance of open-source visibility and on-chain transparency.
• Commissioning of additional independent audits prior to major upgrades or integrations.

Building Resilience Through Community and Decentralization

The ultimate mitigation layer of MEDYA TOKEN lies in its **community-driven and decentralized architecture**.

By aligning the incentives of journalists, creators, and token holders:

• The ecosystem becomes resilient against censorship and political pressure.
• Governance remains transparent and accountable.
• Operational risk is distributed across participants rather than concentrated in a single authority.

Through audited smart contracts, immutable supply controls, time-locked governance, hybrid approval safety, and progressive decentralization, MEDYA TOKEN establishes a **robust, adaptive, and long-term resilient risk management framework** for sustainable independent media funding.

11. Community and Ecosystem Development

Building a Vibrant, Inclusive, and Empowered Community

The **MEDYA TOKEN** project recognizes that the true strength of any decentralized initiative lies in its community. Beyond technology and tokenomics, it is the people **journalists, content creators, supporters, and the broader audience** who will drive the project's success and shape its future. The community is not merely a passive audience but an active participant in creating, curating, and sustaining independent media content.

The goal of community and ecosystem development is to build an environment where **everyone feels a sense of ownership, responsibility, and belonging**.

Community Roles and Engagement

1. **Content Creators**
    - Independent journalists, educators, artists, and media professionals who produce diverse content, including:
        - World News reports,
        - Educational videos,
        - Cultural programs,
        - Investigative journalism,

        - Podcasts and interviews.
    - Creators will have direct access to funding through the MEDYA TOKEN ecosystem, enabling them to focus on producing **unbiased, high-quality content** without relying on traditional sponsors or advertisers.

2. **Supporters and Token Holders**
    - Individuals who believe in the mission of independent media and contribute by:
        - Donating or tipping tokens to creators.
        - Participating in community discussions and feedback loops.
        - Voting in future DAO governance mechanisms to shape the project's direction.
3. **Contributors and Volunteers**
    - Community members who help translate content, moderate discussions, provide technical support, and spread awareness about the project.
    - Their efforts will be recognized and rewarded through **token incentives**, creating a culture of appreciation and collective ownership.
4. **Educational Partners and Institutions**
    - Collaborations with universities, schools, and educational platforms to promote **media literacy**, critical thinking, and civic engagement through content funded by the ecosystem.

Ecosystem Development Goals

The long-term vision for the ecosystem is to create a **self-sustaining, diverse, and resilient media platform** that:

- Supports a **wide range of content types** (news, documentaries, podcasts, arts, science, etc.).
- Fosters an **open dialogue** on important social, cultural, and scientific issues.
- Enables **community-driven funding models** where token holders directly support the creators they value.
- Promotes **media literacy and civic education**, empowering the public to critically engage with information.
- Encourages **collaboration between creators**, creating networks of independent media professionals who share resources and expertise.

Community Engagement Strategies

To build and nurture the MEDYA TOKEN community, the project will:

- Host **online discussions, AMAs (Ask Me Anything sessions), and webinars** to keep the community informed and involved.

- Offer **incentives and rewards** for active participation, including token distributions for valuable contributions.
- Launch **contests and campaigns** that encourage creative projects aligned with the project's mission.
- Develop **educational materials and workshops** to onboard new users and promote media literacy.
- Establish **feedback channels** for continuous improvement based on community input.

A Platform for Collective Action

The MEDYA TOKEN community is not just a user base it is a **movement** for supporting **independent thought, free expression, and truthful storytelling**. By participating in this ecosystem, every token holder, creator, and supporter contributes to the vision of a media space that is:

- **Free from corporate and political influence**,
- **Transparent and accountable**,
- **Inclusive and diverse**.

Together, the community will shape the future of independent media, proving that **decentralized technology can be a powerful force for public good**.

12. Partnerships and Strategic Collaborations

The Role of Strategic Partnerships

The success of the **MEDYA TOKEN** project depends not only on its technology and community but also on the strength of the **partnerships it builds**. Strategic collaborations are essential for expanding the project's reach, fostering innovation, and creating a robust, supportive ecosystem for independent media. MEDYA TOKEN views partnerships as an opportunity to **combine expertise, networks, and resources** to achieve shared goals.

These partnerships will help the project:

- Gain visibility and credibility in the blockchain and media sectors,
- Access technical expertise and infrastructure,
- Broaden its audience and user base,
- Build trust with regulators, institutions, and the public,
- And promote a culture of transparency, freedom of expression, and community empowerment.

Types of Partnerships

MEDYA TOKEN aims to establish collaborations across multiple sectors, each contributing unique value to the project's mission:

1. **Media Organizations**
    - Collaborations with independent news outlets, digital media platforms, and local community media to share content, amplify stories, and co-develop content initiatives that align with the project's core values.
2. **Content Creators and Freelancers**
    - Agreements with journalists, educators, artists, and subject-matter experts to produce original, high-quality content for the ecosystem.
    - Support for content creation in diverse fields such as news, culture, science, arts, and civic education.
3. **Non-Governmental Organizations (NGOs) and Civil Society Groups**
    - Partnerships with organizations that promote freedom of expression, human rights, and media literacy to create joint awareness campaigns and educational materials.
    - Collaborative projects that address social issues through storytelling and investigative journalism.
4. **Educational Institutions**
    - Engagements with universities, research centers, and think tanks to develop educational programs, internships, workshops, and knowledge-sharing initiatives that promote critical thinking and media literacy.
5. **Technology and Blockchain Partners**
    - Collaborations with technical partners for smart contract audits, security enhancements, and infrastructure support.
    - Exchange listings, wallet integrations, and service providers to ensure smooth technical operations and expand the token's usability.
6. **Regulatory and Legal Advisors**
    - Ongoing consultation with legal experts to ensure compliance with evolving regulations and safeguard the project's integrity.

Partnership Objectives

The MEDYA TOKEN project seeks partnerships that:

- **Align with the project's mission** of supporting independent media and promoting freedom of expression,
- Share a commitment to **transparency, ethical practices, and community empowerment**,
- Contribute to the **technical and operational growth** of the ecosystem,

- Enhance the **credibility and trustworthiness** of the project in the eyes of users, investors, and regulators.

The Path Forward

MEDYA TOKEN is actively seeking **value-driven partnerships**, prioritizing quality and alignment over quantity. The project will maintain an **open, collaborative approach**, welcoming ideas and proposals from potential partners who share a vision of building a **free, diverse, and community-funded media ecosystem**.

By working together, MEDYA TOKEN and its partners can create a **resilient, innovative, and impactful platform** that redefines how independent media is funded, produced, and shared in the digital age.

13. Financial Model and Sustainability Plan

A Transparent, Community-Driven Financial Framework

The MEDYA TOKEN project recognizes that financial sustainability is essential for the long-term success of independent media. Its financial model is founded on **transparency, accountability, and community participation**, ensuring that every token movement aligns with the project's mission and is verifiable on-chain.

The model aims to:
• Secure initial funding for infrastructure and content development.
• Maintain long-term stability through multiple revenue channels.
• Ensure accountability through regular reporting and third-party audits.
• Empower the community to participate in financial governance as the project transitions to DAO-based decision-making.

Key Revenue Streams

1. Token Sales and Offerings

• Initial and subsequent offerings of **MEDYA TOKEN (0x19Bd362cF5d3b7830f7071f6f3b4a4503bD96230)** will provide foundational capital for development, operations, and ecosystem growth.
• Raised funds will support:

- Platform and infrastructure development,
- Creator incentives and grants,
- Marketing and outreach,
- Administrative and legal expenses.

2. Donations and Community Contributions

Supporters can directly donate **MEDYA TOKEN** to creators or community initiatives. Because all transfers and allowances are managed via a **strict USDT-style approval policy**, every donation and transaction is secure, traceable, and fully auditable on-chain.

3. Content Monetization

Premium or exclusive content (e.g., documentaries, investigative journalism, workshops) may require token access, strengthening MEDYA TOKEN's practical utility within the media ecosystem.

4. Sponsorships and Grants

Collaborations with aligned NGOs, institutions, or foundations will supplement ecosystem funding, particularly for educational and public-interest media projects.

Cost Structure and Budgeting Principles

The project maintains disciplined financial management through a transparent budgeting process. Key cost areas include:

• **Content Production:** Payments to journalists, editors, and creative contributors.

• **Technical Infrastructure:**

- Smart contract deployment and maintenance,
- Ongoing security audits,
- Node and hosting costs.
  • **Operational Expenses:** Office, studio, and administrative logistics.
  • **Community Incentives:** Token-based rewards for translations, moderation, outreach, and feedback.
  • **Regulatory Compliance:** Legal services, licensing (e.g., RTÜK), and reporting costs.

Transparency will be reinforced through:

• Periodic community-facing financial reports,

• Independent third-party audits,

• On-chain verifiability of token allocations and burns.

Long-Term Sustainability Strategy

• **Diversified Funding:** Combining token sales, donations, monetization, and partnerships to avoid dependency on any single source.

• **Community Governance:** DAO mechanisms will eventually allow token holders to propose and vote on funding priorities, budget allocations, and creator support.

• **Deflationary Mechanisms:**

- The verified smart contract includes a **burn()** function enabling users to permanently remove their own tokens from circulation.
- Only users can burn their tokens; the owner has no privileged burn rights.
- All burns are transparently recorded on-chain via the **Burn** and **Transfer** events.
  • **Ethical Resource Allocation:** Funds will directly serve independent media, with no speculative diversions.
  • **Adaptability:** The system remains responsive to community input and evolving regulations, ensuring long-term compliance and flexibility.

A Vision for Financial Independence

MEDYA TOKEN seeks to redefine media funding through blockchain transparency and decentralization.

Its financial system is designed so that:
• The community directly funds the media it values.
• Creators are rewarded fairly and transparently.
• The supply model remains verifiable, immutable, and deflationary over time.
• The ecosystem sustains itself ethically — free from political or corporate influence.

This framework ensures that MEDYA TOKEN is not only financially sustainable but also **true to its mission of empowering independent media through decentralized, community-driven finance.**

14. Security Audit Summary

A Commitment to Secure, Transparent, and Reliable Technology

The MEDYA TOKEN project places a strong emphasis on **security, transparency, immutability, and industry best practices** in smart contract development. As a decentralized infrastructure designed to handle value transfers and sustain independent media funding, ensuring the integrity, correctness, and resilience of the MEDYA TOKEN smart contract is a core priority.

An independent security audit was conducted to evaluate potential vulnerabilities, verify compliance with established Ethereum standards, and confirm that the contract behaves deterministically and securely under all operational conditions.

Overview of the Security Audit

The MEDYA TOKEN smart contract underwent a comprehensive security assessment that included:

• **Line-by-line manual code review** to identify logical errors, edge cases, and potential attack vectors.

• **Verification of full ERC-20 compliance**, ensuring compatibility with wallets, decentralized exchanges, aggregators, and indexing services.

• **Extensive unit and integration testing** using the Hardhat framework, with **102 / 102 tests successfully passed**, covering core ERC-20 flows, allowance edge cases, ownership transitions, permit signatures, security and event emissions.

• Detailed evaluation of advanced features including:
o **Hybrid approval model** combining approve overwrite compatibility with strict zero-reset enforcement in permit(),
o **Fixed and immutable supply enforcement** with no minting beyond deployment,
o **EIP-2612 Permit implementation** with nonce tracking, low-s enforcement, restricted v values, and domain binding,
o **EIP-5267 on-chain domain descriptor** for verifiable EIP-712 signature validation,
o **Explicit ETH rejection mechanisms** via receive() and fallback() reverts (NoETH),
o **Two-step, 24-hour timelocked and cancelable ownership transfer and renouncement flows**,
o **Event-rich architecture and custom errors** for full auditability and transparent state transitions.

Key Findings and Technical Strengths

The audit identified **no critical or high-severity vulnerabilities**.

The contract demonstrates:

• **Full ERC-20 standard compliance**, ensuring seamless integration across the Ethereum and Arbitrum ecosystems.

• **Minimal reentrancy surface by design**:
The ERC-20 core performs no external calls and updates state deterministically before event emission, eliminating reentrancy risks without requiring reentrancy guards.

• **Hybrid approval safety architecture**:
approve() allows overwriting for full DeFi compatibility, while permit() enforces a strict zero-reset rule (MustResetToZeroFirst) to eliminate race-condition vulnerabilities in gasless approvals.

• **Robust Permit (EIP-2612) implementation** with replay protection, cryptographic signature hygiene, and full domain binding.

• **On-chain domain discoverability via EIP-5267**, preventing signature spoofing and cross-chain replay risks.

• **Strict ETH rejection policy** through dedicated NoETH() reverts, preventing accidental fund loss and eliminating payable attack surfaces.

• **Immutable hard-capped supply model**, permanently fixing the maximum supply at deployment with no inflationary mechanisms.

• **Institutional-grade governance safety**, using two-step, 24-hour timelocked and cancelable ownership transfers and renouncements.

• **Solidity 0.8.25 compiler protections**, providing built-in overflow and underflow safety without external libraries.

Together, these properties establish a **secure, predictable, auditable, and censorship-resistant smart contract architecture**.

Areas for Future Improvement

While no critical issues were identified, the audit recommends the following long-term enhancements:

• **Optional emergency response mechanisms** governed by multi-signature or DAO control, if future governance philosophy prioritizes operational risk management.

• **Progressive transition to multi-signature and DAO-based governance** to eliminate single-key dependency and strengthen decentralization.

• **Continuous monitoring and periodic independent audits**, particularly before major upgrades, ecosystem expansions, or exchange integrations.

Ongoing Commitment to Security

MEDYA TOKEN recognizes that smart contract security is a continuous responsibility.

The project is committed to:

- Periodic security reviews and independent re-audits.
- Public disclosure of audit results and technical updates.
- Open-source transparency and on-chain verifiability.
- Continuous monitoring of emerging vulnerabilities and ecosystem risks.

Conclusion

The MEDYA TOKEN smart contract has been carefully engineered, independently audited, and extensively tested.

With **no critical vulnerabilities detected**, immutable supply enforcement, hybrid allowance protection, timelocked governance, strict ETH rejection, and verifiable domain transparency, the contract is considered **secure, reliable, and production-ready** for long-term deployment.

Through continuous auditing, transparent governance, and community-driven decentralization, MEDYA TOKEN establishes a **trusted and resilient technical foundation** for sustainable independent media funding.

15. Disclaimer and Final Notes

Disclaimer

The information provided in this whitepaper, including all technical details, project plans, and financial models, is intended for **informational purposes only**. While every effort has been made to ensure accuracy, the contents of this document do not constitute legal, financial, investment, or professional advice. Readers and participants should exercise their own judgment, seek independent guidance where necessary, and understand the inherent risks involved in participating in blockchain projects and the broader cryptocurrency ecosystem.

The **MEDYA TOKEN** project is built with a commitment to transparency, accountability, and ethical responsibility. However, it is important to recognize that the blockchain industry is a rapidly evolving space subject to regulatory changes, technological developments, and market fluctuations. The project team will continue to monitor legal and regulatory frameworks, adapt to relevant requirements, and keep the community informed of any updates or changes that may impact the project.

Participants are encouraged to review project details carefully, consider their personal risk tolerance, and make decisions that align with their individual values and goals.

Final Notes

MEDYA TOKEN is more than just a token it is a **movement for independent media**, a **platform for community-driven storytelling**, and a **tool for empowering creators and audiences alike**. By leveraging blockchain technology and a transparent funding model, the project aims to provide a safe, inclusive, and sustainable space for journalism, education, and culture.

This whitepaper serves as a living document, reflecting the current vision and plans of the project. As the ecosystem evolves, so too will this document guided by community feedback, technological advancements, and the collective mission of supporting freedom of expression and diversity in media.

The success of MEDYA TOKEN will depend not only on the technology and the team behind it, but also on the **strength, engagement, and commitment of the community**. Together, we can build a future where independent voices thrive, where information flows freely, and where the media serves its true purpose: **to inform, educate, and empower**.

Thank you for your interest, support, and belief in the MEDYA TOKEN project. Together, we can create lasting change.

16. Appendices

The following appendices provide additional context, technical details, and resources for stakeholders who wish to explore the **MEDYA TOKEN** project in greater depth. These materials support the project's commitment to **transparency**, **technical integrity**, and **community accessibility**.

16.1. Smart Contract Information

- **Contract Name:** MEDYA TOKEN
- **Token Symbol:** MEDYA
- **Decimals:** 8
- **Maximum Supply:** 990,000 × 10^8 units (immutable)
- **Network:** Arbitrum One (Ethereum Layer 2)
- **Contract Address:** 0x19Bd362cF5d3b7830f7071f6f3b4a4503bD96230
- **Deployed On:** Arbitrum One - chosen for scalability, low gas fees, and Ethereum compatibility.
- **Core Features:**
    - Full **ERC-20 Standard Compliance**
    - **EIP-2612 Permit** support for gasless approvals
    - **EIP-5267 Domain Descriptor** for standardized on-chain signature domain metadata
    - **Strict Allowance Policy** (USDT-style approve/transferFrom safety)
    - **ETH Rejection** via receive() and fallback() reverting all Ether transfers
    - **Burn Functionality** for user-controlled deflationary tokenomics
    - **Two-Step, 24-Hour Timelocked Ownership Transfer** with cancel and pending-owner visibility
    - **Future Multi-Sig & DAO Transition Pathway** built into governance design

16.2. Glossary of Technical Terms

- **ERC-20:** The most widely used token standard on the Ethereum blockchain, enabling interoperability with wallets, exchanges, and dApps.
- **EIP-2612:** An Ethereum improvement proposal that enables gasless token approvals via off-chain signatures.
- **Reentrancy Attack:** A vulnerability where a function can be recursively called before its initial execution is complete, potentially leading to exploitative behavior.
- **Multi-Signature Wallet (Multi-Sig):** A wallet requiring multiple private keys to authorize a transaction, reducing the risk of centralized control.
- **DAO (Decentralized Autonomous Organization):** A governance model where decisions are made collectively by token holders without a central authority.
- **Arbitrum One:** A Layer 2 scaling solution for Ethereum that enables faster, lower-cost transactions while maintaining Ethereum's security.
- **EIP-5267:** Defines a standard for domain descriptor retrieval, allowing wallets and off-chain tools to verify EIP-712 domain data directly from the contract.

16.3. Resources and Further Reading

- **MEDYA TOKEN Website:** https://www.medyatoken.com
- **Whitepaper and Light Paper (Latest Versions):** [Available on Website]
- **Audit Reports:** https://www.medyatoken.com/audit_report.pdf
- **Community Channels:**
    - instagram: @medyatoken
    - Youtube: @medyatoken
    - X: @medyatoken
    - Telegram: @medyatoken
- **Educational Materials and Media Literacy Resources:** [Available on Website]
- **Relevant Legal Documents and Disclaimers:** [Available on Website]

16.4. Contact Information

For general inquiries, partnership proposals, or technical support, please reach out via the official website or through the following contact channels:

- **Email:** info@medyatoken.com
- **Website Contact Form:** https://www.medyatoken.com => contact
- **Community Managers:** TBA

This concludes the **MEDYA TOKEN Whitepaper**.
Thank you for taking the time to explore the project's vision, structure, and roadmap.
Together, we can build a new, community-driven future for independent media.