



EARTHY

EARTHY GREEN PAPER

Version:1.2

BE THE CHANGE
The Future of Impact is Now

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1. ABSTRACT

Earthy's mission is to enhance global philanthropy by equipping individuals and organizations with crucial economic and technological tools for effective and transparent action on charitable issues. By providing state of the art financing and project orchestration systems to the world, we empower communities and ecosystems worldwide to enact meaningful change on an unprecedented scale.

Earthy's ecosystem is anchored by its robust Layer-1 blockchain and the Earthy App, a decentralized application designed to manage and execute philanthropic projects. This combination enhances accountability, and operational efficiency in philanthropy. The Earthy blockchain ensures secure, immutable transactions and introduces innovative ways to finance charitable initiatives. The Earthy App offers tools for project management, financial tracking, and community engagement.

By using these technological systems, Earthy aims to transform the philanthropic industry by unifying fragmented subsectors of the industry into a cohesive ecosystem. The Earthy platform enhances the efficiency and impact of philanthropic efforts, maximizing real-world outcomes. Our platform brings together various applications, impact projects, and financial systems, ushering in a new era of innovation and positive transformation in the philanthropy industry and, consequently, the planet.

At Earthy, we are revolutionizing the landscape of charitable project financing and management. Our platform empowers established nonprofits, NGOs, governments, and individuals to drive meaningful change. With Earthy, users can launch and manage impactful projects, coordinate events, and streamline donations using the Earthy token, fiat currencies, and other crypto assets. By simplifying the process of becoming a changemaker, we enable anyone, regardless of their background or expertise, to contribute to global progress. Earthy is cultivating a global collective of transformative movements, making a lasting difference accessible and achievable for all.

2. INTRODUCTION

Despite significant technological advancements, the world continues to face persistent environmental and humanitarian challenges. These issues are exacerbated by inefficiencies and a lack of transparency in current solutions, limiting the effectiveness and reach of philanthropic efforts.

2.1 INDUSTRY PROBLEM

The \$2.2 trillion philanthropic industry is fragmented and riddled with numerous problems, including:

- **Lack of Trust and Transparency:** Donors often lack visibility into how their contributions are used, leading to skepticism and reduced engagement.
- **Ineffective Tracking and Reporting:** Many organizations struggle with tracking and reporting their activities, which undermines the credibility and effectiveness of their efforts.
- **Fragmented Sub-Sectors:** The industry is divided into isolated subsectors that operate independently, limiting the potential for collaborative impact.
- **Dominance of Large Organizations:** Large organizations often dominate the landscape, overshadowing smaller, potentially more impactful initiatives.
- **Limited Individual Impact:** There is no efficient way for individuals to make a significant impact, as existing platforms do not adequately empower personal philanthropic endeavors.

These challenges limit the scalability and effectiveness of philanthropic efforts, leaving many pressing issues unresolved and unnoticed.

2.2 VALUE PROPOSITION

Earthy is revolutionizing the philanthropic landscape by ensuring that donations make the greatest possible impact. Using blockchain and AI technologies, Earthy addresses the financial inefficiencies in the current philanthropic sector, providing a comprehensive suite of tools to equip individuals and organizations with the systems needed to start, manage, and scale impactful projects. Our goal is to create a world where people can directly and effectively address the problems they see around them, without relying on third parties to act on their behalf.

2.3 CURRENT PROGRESS AND FUTURE GOALS

With a robust technological foundation in place, Earthy is now dedicated to securing, scaling, and rigorously testing its infrastructure. Our immediate goals include finalizing the production versions of our technology and onboarding users, as well as environmental and humanitarian

projects, into our ecosystem by the end of 2024. We aim to ensure that every project funded through Earthy is transparent, impactful, and efficiently managed.

2.4 ECOSYSTEM DESCRIPTION

The Earthy ecosystem is a comprehensive and integrated network designed to amplify and democratize the philanthropic landscape. It leverages advanced technologies, strategic partnerships, and a robust token economy to create a unifying, impactful platform for global philanthropy. This ecosystem consolidates various components into a cohesive whole, enabling efficient resource utilization, financial tracking, and enhanced community engagement.

Key Components of the Earthy Ecosystem:

- **Technological Foundation:** The backbone of the Earthy ecosystem is its Layer-1 blockchain. This blockchain provides scalability, security, and competitive performance, ensuring reliable and efficient management of transactions and data. The decentralized nature of the blockchain enhances transparency and trust, critical for maintaining the integrity of philanthropic activities.
- **Strategic Fundraising and Project Onboarding:** Earthy employs a focused approach to secure necessary funds and onboard impactful projects onto the Earthy ecosystem efficiently. By leveraging a combination of token sales, grants, donations and community-driven funding mechanisms, Earthy ensures that projects receive the support they need to succeed. The onboarding process includes thorough vetting and approval to guarantee that only the most promising and impactful initiatives are integrated into the ecosystem.
- **Social and Community Engagement:** The Earthy App integrates robust social and community features, enabling users to engage with various projects and organizations. The app supports real-time updates, discussion forums, and social media integration to amplify the reach of projects and foster a connected and supportive community.
- **Earthy Philanthropic Registry:** This verified directory of philanthropic organizations and impact projects which have been accepted into the Earthy ecosystem, ensures the ethical and financial integrity of accepted organizations, while also providing developers with a source of data to build impactful applications on the Earthy blockchain network. Users can discover, donate to, and stake Earthy tokens to these organizations generating rewards for all those who participate in the Earthy ecosystem.
- **The Earthy Foundation:** A dedicated 501(c)(3) organization that utilizes the Earthy ecosystem to maximize the impact of donated funds. The Foundation supports developers, nonprofits, and impact projects, while donating 100% of all funds brought into the foundation to deserving, impactful initiatives, with no donor funds lost on organizational costs or salaries, the Earthy foundation will be the most effective way to maximize impact of donor dollars in the world. This process will indirectly benefit the Earthy for-profit corporation as well, by increasing the users and projects which are present on the platform.
- **Financial Integration:** Seamless integration with fiat financial systems ensures intuitive execution of financial transactions. This integration supports various payment methods,

including fiat and cryptocurrencies, making the Earthy app a tool for mass adoption, with the web3 features being strictly supplementary to the overall utility.

- **Bridging crypto capital:** The Earthy Card bridges Web3 capital to the real world by seamlessly integrating with both crypto and fiat financial systems. It automatically monitors how funds—both crypto and fiat—issued to projects are spent and utilized. This integration ensures intuitive execution of financial transactions, supporting various payment methods and enhancing transparency and accountability.
- **Sustainable Growth and Value Capture:** Earthy's economic model, underpinned by the Earthy utility token, supports sustainable growth and maximizes social impact. The token economy incentivizes user participation and ensures that resources are allocated to impactful projects, fostering a thriving and self-sustaining ecosystem.

By consolidating these components into a cohesive network, Earthy aims to revolutionize the way philanthropy is conducted. This integrated approach ensures that resources are utilized effectively, projects are managed efficiently, and donors can trust that their contributions are making a real difference.

3. GLOBAL CHALLENGES: URGENCY FOR ACTION

The non-profit sector is a critical player in addressing global issues. Despite its economic significance, numerous challenges remain unresolved. This section explores the economic impact of the global non-profit sector and highlights persistent issues that necessitate urgent action.

3.1 THE ECONOMIC IMPACT OF THE GLOBAL NON-PROFIT SECTOR

The global non-profit sector plays a vital role in the global economy and in addressing pressing societal needs.

Key Statistics:

- **Economic Value:** The non-profit sector's estimated economic value is \$2.2 trillion, comparable to the ninth-largest economy in the world.
- **Non-Profit Organizations:** There are over ten million non-profit organizations worldwide, including 1.5 million in the U.S. alone.
- **Global Participation:** More than a billion people globally participate in the non-profit sector.

The sector's economic footprint underscores its potential to drive significant social change. The reason many of these issues remain unsolved is not due to a lack of funding but because the effectiveness of these organizations is hampered by a combination of operational and financial inefficiencies, both of which Earthy is addressing directly.

3.2 PERSISTENT GLOBAL ISSUES

Despite considerable resources and efforts directed at solving global challenges, many critical issues remain unresolved.

Key Challenges:

- **Food Insecurity:** Over 820 million people suffer from food insecurity worldwide, with at least 6,200 children dying daily due to malnutrition-related causes.
- **Air Pollution:** Air pollution is responsible for approximately 8.43 million premature deaths annually.
- **Disasters:** In 2023, disasters affected millions globally, with disaster-related giving reaching \$32 billion.
- **Accountability and Transparency:** Only 4.5% of corporate philanthropy offers a searchable grant database, highlighting the need for increased accountability and awareness of how funds are utilized. The lack of reliable data and clear reporting standards often leads to donor mistrust and inefficient allocation of resources.

- **Impact Management:** Achieving large-scale impact is challenging due to the lack of comprehensive systems to manage the complexities of the philanthropic industry and impact projects. Current platforms are unable to efficiently coordinate efforts, track progress, and measure outcomes.
 - **Community Engagement:** Engaging the global community effectively remains a challenge, as existing platforms do not leverage social and community functionalities to foster collaboration and sustained involvement.
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3.3 THE NEED FOR A UNIFIED WEB3 PLATFORM

The philanthropic sector faces significant challenges due to the lack of financing, accountability, and the inability to effectively solve complex real-world problems through traditional Web2 or other social platforms. Effective philanthropy requires capabilities such as complex task and team management, event coordination, handling international financial transactions, and ensuring the utmost accountability and efficiency for projects.

The traditional systems often fall short in several critical areas:

- **Complex Task Management:** Current platforms struggle with managing multi-faceted projects that require coordination across various stakeholders, timelines, and deliverables. A unified Web3 platform will provide a more structured and automated approach to task management, ensuring that all activities are tracked, monitored, and executed efficiently.
- **Event Coordination:** Organizing and managing events, whether fundraising campaigns, community engagement activities, or project milestones, demands a robust system that can handle multiple facets like scheduling, ticketing, resource allocation, participant engagement, and real-time updates. A unified web3 platform streamlines these processes, offering better tools for both virtual and in person coordination and execution.
- **International Financial Transactions:** Handling donations and funding across borders involves complex financial regulations and procedures. Traditional systems often face delays and high transaction fees, which can deter donors and impact project funding. A unified web3 platform would use blockchain technology to facilitate faster, more cost effective and innovative methods of funding important projects internationally, ensuring that funds are transferred securely and transparently.
- **Transparency and Accountability:** One of the biggest challenges in the philanthropic sector is ensuring that funds are used as intended and that donors can see the impact of their contributions. An AI and blockchain-enabled funding system that is fully automated and scalable globally, would address this issue by ensuring that charitable funds are deployed effectively. Such a system would revolutionize the industry, providing immense benefits to both people and the planet.

By integrating these capabilities into a single, unified platform, Earthy can overcome these challenges and significantly enhance the efficiency and impact of philanthropic efforts. This approach not only addresses the current limitations of Web2 and social media platforms but also introduces new possibilities for collaboration, innovation, and growth within the philanthropic sector.

3.4 EARTHY'S SOLUTION

Earthy was designed to address these gaps. It consolidates the fragmented philanthropic industry by integrating a Layer-1 blockchain with various applications, components, projects, developers, users, nonprofits, and fiat financial systems. This integration is enabled through the Earthy App and the Earthy blockchain network, allowing for seamless interaction and synergy within the ecosystem. This platform brings unification, trust, transparency, consolidation, and new possibilities to the philanthropic industry, enabling a world where critical issues in communities around the world are solved quickly and effectively.

Key Components and Features:

This section outlines the core functionalities and advantages of the Earthy platform, highlighting how each feature contributes to a better world:

1. **Layer-1 Blockchain Integration:**

Earthy's Layer-1 blockchain ensures secure, transparent, and immutable transactions. This foundational technology underpins and stores all financial and organizational operations within the system, providing a robust and scalable framework for storing useful real-world data on chain, to provide value to developers building applications on the network.

- » **Matches Accountability and Transparency Challenge:** Bridges the impact of web3 technology to affect the real world, through directly funding projects which help communities and places in need.

2. **Comprehensive Applications and Tools:**

Earthy offers a suite of applications and tools designed to streamline project management, financial tracking, and community engagement. These tools empower users and organizations to efficiently launch, manage, and scale their initiatives.

- » **Matches Impact Management Challenge:** Provides comprehensive systems to manage complex tasks and track project progress.

3. **AI enabled tools for projects:**

AI algorithms play a crucial role in optimizing resource allocation, enhancing project effectiveness, and fostering stronger donor engagement within the Earthy ecosystem. By providing data-driven insights, these tools ensure that resources are directed to projects with the highest impact.

Applications of AI within the Earthy Ecosystem:

- **User Engagement and Donations:** AI analyzes user behavior to recommend relevant content, increasing engagement and donation rates by highlighting projects that resonate with individual interests.
- **Campaign Optimization:** AI identifies the ideal audience for platform ads based on specific campaign objectives, ensuring efficient resource utilization and maximizing campaign impact.

- **Personalized Communication:** AI personalizes updates and information for donors, strengthening their connection to projects and encouraging long-term support.
- **Optimized resource allocation using AI:** These AI tools improve decision making, ensuring efficient resource allocation, and enhancing user engagement and satisfaction, amplifying the overall impact of the Earthy ecosystem.

4. **Integration with Fiat Financial Systems:**

By integrating with widely used fiat financial systems, Earthy simplifies participation for everyone, regardless of their familiarity with Web3 technology. The fiat integration facilitates seamless financial transactions, making Earthy accessible to people worldwide. This approach promotes adoption and maximizes impact by ensuring Earthy's technology is user-friendly and encouraging widespread participation.

- » **Matches complexities in international financial transactions:** Ensures Earthy's system can be mass adopted globally.

5. **Comprehensive Registry:**

The Earthy Philanthropic Registry features a verified directory of philanthropic organizations and impact projects. This curated registry fosters trust and awareness by ensuring the ethical integrity of listed initiatives worldwide. Users can confidently discover, donate to, and stake Earthy tokens with these organizations and projects, knowing they meet rigorous ethical standards.

- » **Matches Accountability and Transparency Challenge:** Ensures that all listed organizations and projects are verified and trustworthy.

6. **System for Funding Impact Projects and Organizational Development:**

Earthy provides a comprehensive suite of financial tools for apps built on Earthy, impact projects, and individuals creating change. Funds raised for causes are linked to an Earthy card, allowing for the seamless purchase of goods and tracking of purchases made. Additionally, the Earthy application includes a services marketplace, enabling all services and tasks associated with the project to be tracked end-to-end. This, combined with our AI algorithm that automatically analyzes project information, ensures that funds are used effectively and transparently.

- » **Matches Impact Management and Accountability Challenges:** Ensures continuous funding and proper use of resources.

7. **Social and Community Engagement:**

The Earthy App includes robust social and community features, enabling users to share ideas, celebrate successes, and collaborate on impactful initiatives. This fosters a connected and supportive community, driving collaboration, innovation, and sustained engagement.

- » **Matches Community Engagement Challenge:** Creates a vibrant community for collaboration and support.

4. EARTHY ECOSYSTEM

This section details the technological foundation, strategic fundraising approaches, core features, social and community engagement strategy, and the role of the Earthy Philanthropic Registry in creating a unified and impactful platform for global philanthropy.

4.1 SOCIAL AND COMMUNITY ENGAGEMENT

Introduction

The Earthy App is more than just a tool for managing projects and donations; it is a vibrant platform that leverages the power of community and social engagement to amplify impact. This section details how the app fosters a connected and supportive community, driving collaboration, innovation, and sustained engagement.

News Feeds and Community Functions

- **Stay Informed:** Users can follow AI driven recommendation based social feeds that provide real-time updates on the latest developments within the Earthy ecosystem. This includes news about ongoing projects, upcoming events, new initiatives, and significant milestones.
- **Engage with the Community:** The app features discussion features where users can engage in meaningful conversations, share insights, and offer support. This fosters a sense of community and collaboration, encouraging users to contribute ideas and feedback.
- **Support and Celebrate Success:** The app allows projects to announce and celebrate key milestones. This could be the completion of a significant project phase, surpassing fundraising goals, or achieving notable impact metrics.

Integrating Directly With Other Social Platforms

- **Amplify Reach and Engagement:** The app seamlessly integrates with existing social media platforms, allowing users to share updates, events, and achievements directly from the app. This amplifies the reach of projects and initiatives, attracting a broader audience of potential supporters.
- **Affiliate Marketing for Causes:** Influencers and community leaders can create affiliate links to promote specific projects. This incentivizes them to support and spread the word about impactful initiatives, leveraging their networks for greater reach.

Building Trust and Transparency

- **Community Verification:** Public discussions and shared stories provide a level of transparency, allowing the community to verify the legitimacy and impact of projects.
- **Peer Reviews:** Projects and users participating in projects can receive reviews and feedback from the community, enhancing their credibility and trustworthiness.
- **Transparent Reporting:** Regular updates and detailed reports on project progress and fund usage build trust and ensure accountability for its supporters.

Scalable Impact

- **Amplifies Reach:** Social media integration and affiliate marketing extend the reach of projects, attracting more supporters and resources.
 - **Sustains Growth:** Regular updates, community recognition, and peer support mechanisms ensure that projects remain active and continue to grow.
 - **Ongoing Engagement:** The app's features keep the community engaged, ensuring sustained interest and support for long-term initiatives.
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4.2 EARTHY PHILANTHROPIC REGISTRY

Introduction

The Earthy Philanthropic Registry is a verified directory of philanthropic organizations and impact projects integrated into the Earthy App. This registry allows users to discover, donate to, and stake Earthy tokens into verified projects, providing financial incentives to projects joining the ecosystem.

Problem with Existing Registries

Traditional philanthropic registries often suffer from a lack of transparency, difficulty in verifying the legitimacy of organizations, and limited engagement with potential donors. Most registries do not offer integrated fiat and crypto donations, or staking options, making the process either cumbersome or ineffective for users. Additionally, the absence of personalized recommendations can result in a less engaging user experience.

Solutions Offered by the Earthy In-App Registry

The Earthy In-App Registry addresses these issues by providing a comprehensive platform where users can select a philanthropic organization or impact project and choose to either donate directly or stake Earthy tokens. The staking option allows users to support organizations or impact projects while earning returns on their staked tokens. Leveraging AI, the app mines data on user and project histories to provide algorithmically personalized recommendations, enhancing user engagement and donations.

4.3 THE EARTHY FOUNDATION - DRIVING GLOBAL IMPACT

The Earthy Foundation, a 501(c)(3) organization, operates independently from the for-profit Earthy C-Corporation, which owns the app, blockchain, and other intellectual property. The Foundation is dedicated to funding nonprofit organizations and impact projects worldwide. Additionally, it supports developers who build useful applications on the Earthy Layer One blockchain network, ensuring these innovations have real-world applicability and impact. Through strategic partnerships, the Foundation leverages resources and opportunities to drive significant global change.

Funding Mechanisms

One of the primary funding mechanisms for the Earthy Foundation is through strategic partnerships with events, concerts, and festivals globally. By collaborating with these events, brand sponsors and supporters can receive tax write-offs for their contributions. The process works as follows:

- **Partnership Establishment:** The Earthy Foundation partners with various high-profile events.
- **Fund Collection:** Sponsors and supporters of those events donate funds to the Earthy Foundation instead of the event organizers, availing tax benefits.
- **Fund Allocation:** The Foundation then allocates most of these funds back to the event organizers to cover marketing costs and promotions.

This innovative funding model allows the Earthy Foundation to earn revenue while simultaneously spreading awareness about its mission and purpose through top-tier global events.

Distribution of Funds

The Earthy Foundation is committed to allocating 100% of the funds it receives to nonprofits and impact projects on its platform. This is achieved through:

- **Direct Donations:** Funds are directly donated to various nonprofits on the Earthy platform.
- **Incentives for New Organizations:** Financial incentives are provided to new nonprofits, NGOs, and organizations to join the Earthy ecosystem, enhancing the overall impact and reach of the platform.

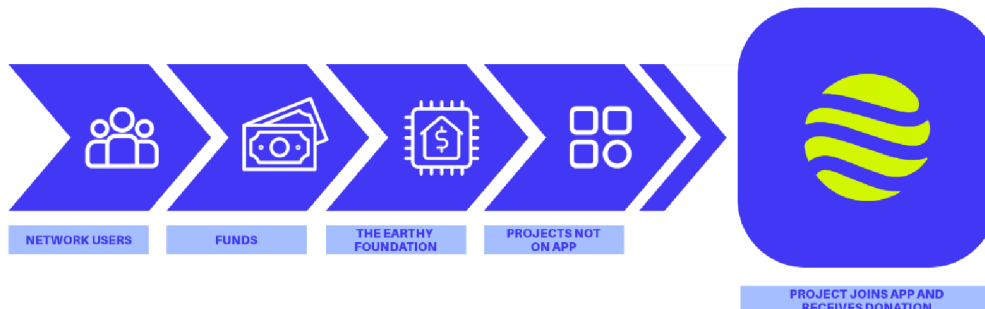
Impact Reporting and Transparency: The Foundation ensures that all funds are tracked and reported on through our funding system, providing complete access to donors as well as the public. Regular impact reports are published, detailing how funds are used and the outcomes achieved by the supported projects.

Collaborative Funding: The Earthy Foundation encourages collaborative funding efforts where multiple donors, no matter how small can contribute to large-scale projects globally, amplifying their collective impact. This model not only increases the scale of achievable outcomes but also fosters a sense of community among contributors.

Sustainability Initiatives: A portion of the funds is earmarked for sustainability initiatives that aim to create long-term, self-sustaining impact. These initiatives are designed to address root causes and build resilient systems within communities. This approach not only maintains the Foundation's mission of ensuring all funds go to charitable causes but also promotes maximizing collaboration, and effectiveness in fiscal management.

Expediting Earthy Network Adoption: The Earthy Foundation plays a crucial role in accelerating the adoption of the Earthy network and ecosystem. By securing necessary traction

and community support, Earthy can effectively address global environmental, humanitarian, and social issues. The foundation will also directly benefit the for-profit C-Corporation by providing it with new projects, users, and awareness through its operations, making the 100% donation allocation model financially sustainable for the for-profit business.



Transparency and Accountability

The Earthy Foundation is committed to providing full transparency into its operations and donations. The public will have access to detailed records showing which developers and organizations received funding, ensuring complete accountability. This transparency is pivotal in building trust and confidence among donors, knowing that 100% of their contributions are making a difference.

Outreach Strategy

To ensure effective engagement and onboarding of new partners, the Earthy Foundation has developed a comprehensive outreach strategy. This strategy involves systematic steps from initial contact to full integration within the Earthy ecosystem. The goal is to build lasting relationships with event organizers, sponsors, projects and supporters, driving mutual growth and impact:

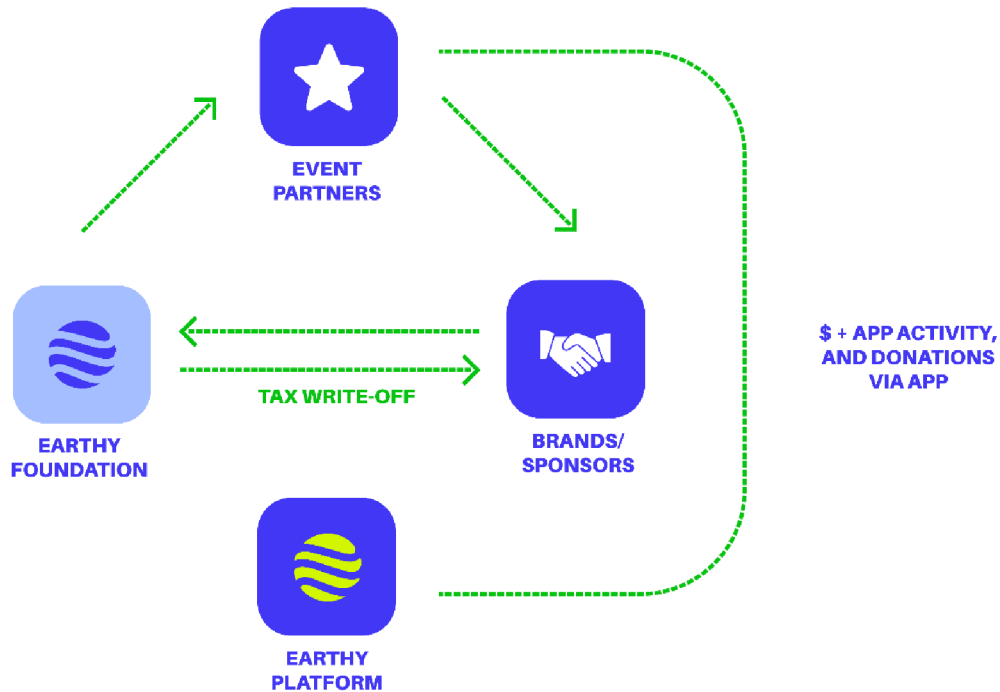
Value Proposition for Events

Partnering with Earthy offers significant value to events:

- **Increased Revenue:** Events partnered with Earthy can attract more sponsors and attendees, knowing their contributions are supporting a worthy cause.
- **Tax Benefits:** Sponsors and donors receive tax write-offs, making their contributions more appealing.
- **Enhanced Exposure:** Events gain free exposure and a positive reputation by associating with a globally recognized impact-driven organization.

This partnership model creates a win-win-win scenario for Earthy, event organizers, and brands/sponsors, promoting long-term engagement and increased profitability for events.

(DIAGRAM ON NEXT PAGE)



Here are some relevant statistics on corporate philanthropy and its impact on profits:

- **According to Deloitte's 2023 study**, companies engaged in philanthropic activities reported a **14% increase in profits** compared to those that did not participate.
- **Kantar Consulting's Purpose 2020 report** found that brands with a high sense of purpose experienced a brand valuation increase of **175%** over 12 years, compared to a median growth rate of 86%.

In summary, the Earthy Foundation is set to become the most effective way to use donor dollars for creating significant real-world change. By leveraging strategic partnerships and offering financial incentives, the Foundation is accelerating the adoption of the Earthy network, ensuring its benefits reach the masses quickly.

4.4 SOCIAL, COMMUNITY, AND ORGANIZATIONAL INTEGRATION

Earthy's ecosystem is deeply rooted in social and community integration, connecting all participants including organizations, partners, impact projects, donors, and more. This section elaborates on how these elements are seamlessly integrated through the Earthy blockchain and app.

People and Communities

- **Engagement and Interaction:** The Earthy App provides a platform for individuals to engage with various projects and organizations. Users can participate in discussions, share insights, and collaborate on initiatives, fostering a sense of community and shared purpose.

- **Community Support:** The app features tools for community-driven support, allowing users to volunteer, offer resources, and engage in grassroots activities that complement larger projects.
- **Social Media Integration:** By integrating with social media platforms, Earthy amplifies the reach and impact of its projects. Users can share their involvement and achievements, attracting more support and building a larger community.

Organizations and Impact Projects

- **Unified Platform:** Earthy consolidates various organizations and impact projects into a single platform, ensuring that efforts are not fragmented, and resources are utilized efficiently.
- **Project Management Tools:** Organizations can use the Earthy App's comprehensive project management tools to plan, execute, and track their initiatives. This includes setting milestones, managing teams, assigning tasks, and monitoring progress in real-time.
- **Funding and Resources:** Earthy provides organizations with access to funding through donations and staking, as well as resources and tools necessary for successful project execution.

Donors and Partners

- **Direct Engagement:** Donors can directly interact with the projects they support, receiving updates while tracking the impact of their contributions. This fosters a deeper connection and enhances trust.
- **Partnership Opportunities:** Earthy creates opportunities for strategic partnerships, allowing organizations to collaborate with like-minded entities and amplify their impact. This includes joint ventures, resource sharing, and coordinated efforts.

System for Funding Impact Projects

- **Funding Mechanisms:** Earthy's funding mechanisms include fiat currencies, cryptocurrencies, and Earthy tokens, all of which can be spent directly using a debit card. This approach provides tremendous ease of use for Earthy's users, laying the foundation for a truly globally mass-adopted Web3 platform.
- **App and Ecosystem Funding:** Earthy also supports the development of applications and organizational growth within its ecosystem. Rewards and community participation incentivize continuous improvement and innovation using the tools and data which Earthy provides to the community.

Accountability and Transparency

- **On-Chain Transactions:** All transactions and activities are recorded on the blockchain, ensuring a complete history of project affairs. This builds trust among all participants of the system.
- **AI and Data Analytics:** Comprehensive AI and data analytics tools monitor and evaluate the financial and social performance of projects, providing assurance that resources are used effectively and in alignment with stated goals in an automated and scalable manner.

In summary, Earthy's integrated approach to social, community, and organizational engagement guarantees all participants are connected, and collaborative efforts are maximized. By leveraging cutting edge technologies and fostering a supportive community, Earthy creates a dynamic and impactful ecosystem for global philanthropy.

4.5 Strategic Partnerships

Strategic partnerships are crucial to the growth and success of the Earthy ecosystem. By forging strong alliances with key industry players, Earthy can enhance its offerings, expand its reach, and provide greater value to its users and creators. These partnerships bring in expertise, resources, and opportunities that are instrumental in driving innovation and ensuring the platform's long-term sustainability.

Key Areas of Strategic Partnerships:

1. Technology and Development:

- **Blockchain Integration Partners:** Collaborating with leading blockchain technology providers to ensure robust, secure, and scalable infrastructure.
- **Developer Alliances:** Partnering with developer communities to foster innovation and create cutting-edge applications within the Earthy ecosystem.

2. Financial and Compliance:

- **Financial Partners:** Working with financial institutions to facilitate smooth and secure transactions, manage funds, and integrate various payment gateways.
- **Regulatory Compliance:** Engaging with legal and regulatory experts to ensure that all activities on the platform meet global standards, building trust among users and stakeholders.

3. Community and Market Reach:

- **Community Engagement:** Partnering with organizations and influencers that have strong community ties to expand Earthy's user base and foster a vibrant, supportive community.
- **Market Expansion:** Collaborating with strategic partners to enhance brand exposure and reach new markets, driving adoption and participation in the Earthy ecosystem.

4. Environmental and Social Impact:

- **Sustainability Partners:** Forming alliances with organizations and influencers dedicated to environmental conservation and sustainable development to align with Earthy's mission and amplify its impact.
- **Social Impact Initiatives:** Collaborating with nonprofits and social enterprises to support projects that address pressing societal challenges.

In summary, strategic partnerships are an integral part of the Earthy ecosystem, contributing to its growth, innovation, and sustainability. For detailed information on specific partnerships and their contributions, refer to Section 9.

5. TECHNOLOGY AND INNOVATION

The "Technology and Innovation" section delves into the core technological components and approaches that underpin Earthy's mission to revolutionize philanthropy. This section outlines how Earthy's blockchain infrastructure, coupled with innovative AI and decentralized technologies, forms a robust foundation for impactful and transparent philanthropic activities. It also highlights the seamless integration of various applications and tools designed to enhance operational efficiency, usability, and accountability within the philanthropic sector.

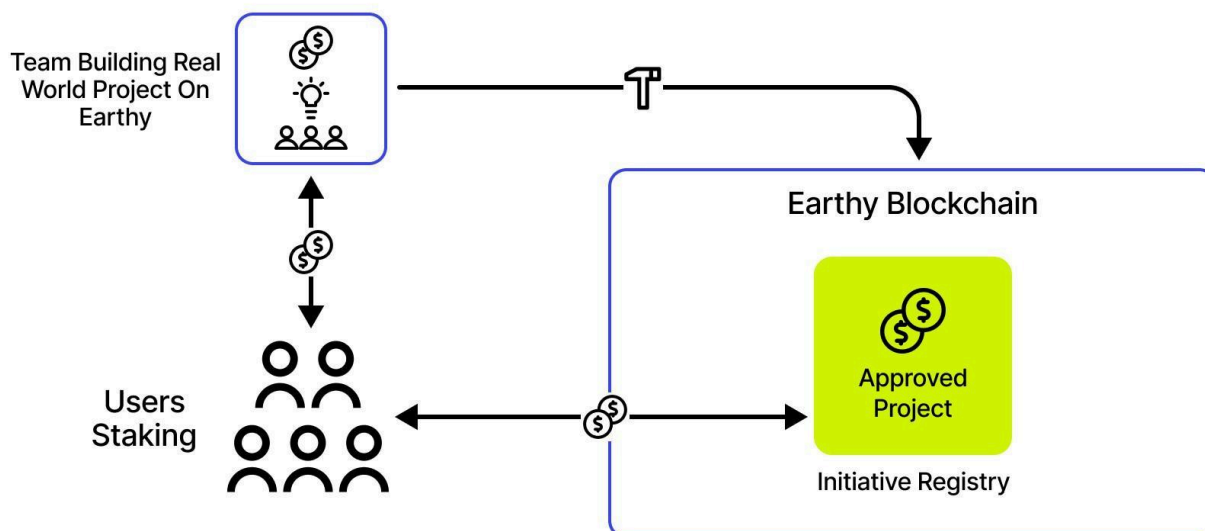
5.1. BLOCKCHAIN

The Earthy blockchain network is designed to bridge the utility and capabilities of Web3 to the real world by effectively financing impact-related causes. This is accomplished through Earthy's consensus mechanism, amongst other technological primitives, which distribute financing, data and organizational utility to projects and developers.

Features of the Earthy Network

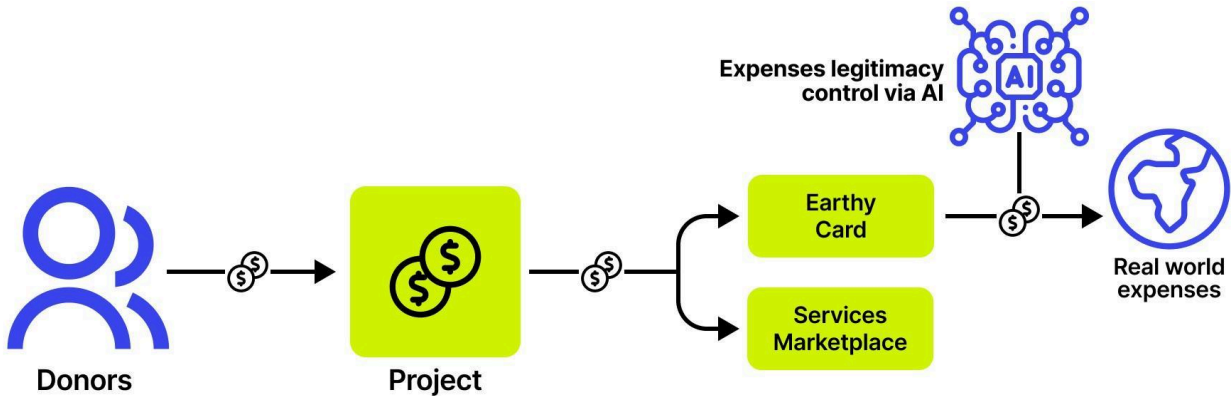
Proof of Impact Consensus Mechanism

The Proof of Impact consensus mechanism offers a groundbreaking approach to allocating financial rewards to projects and developers who are making a tangible difference. This innovative system ensures that users receive a return on their tokens staked while supporting impactful projects, creating a win-win scenario for both users and projects. With every block generated, the consensus mechanism not only supports and rewards those driving positive change but also contributes directly to the well-being of people and the planet. By tying the utility and power of Web3 to real-world impact, Proof of Impact ensures that the blockchain technology actively fosters a positive global influence.



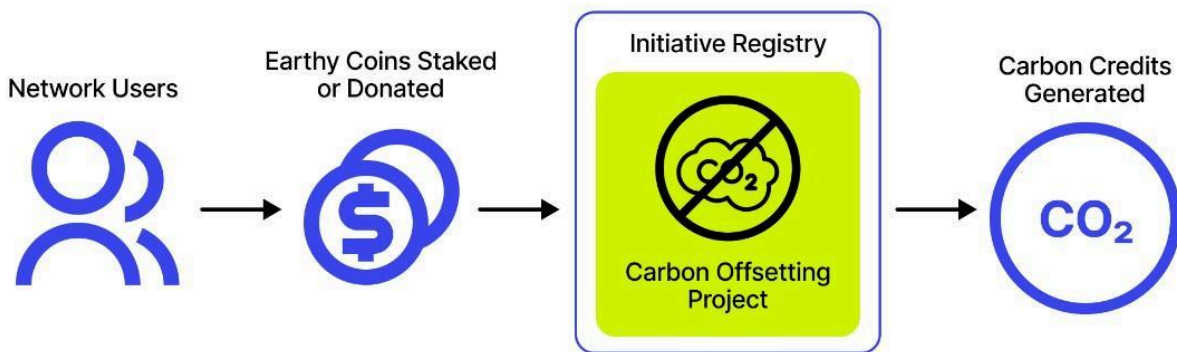
Real-World Impact Applications

Earthy serves as a hub for staking into teams that are building real-world impact applications on the Earthy network. These applications range from real-world NFT marketplaces that tokenize assets for social good, to DeFi products that offer microloans to underserved communities, to gamified web3 dApps which use real world data to support impactful projects. Each project within the Earthy network is vetted for its impact potential, ensuring that funds are directed towards initiatives that deliver measurable benefits, those funds are then given to projects in a controlled manner through the Earthy card as well as our services marketplace, making sure every penny and token given to projects is accounted for.



Net Carbon Negative Network

Earthy is the first network which achieves net carbon negativity natively at runtime through its innovative consensus process. The network finances carbon offset projects directly through staking rewards and direct donations. These carbon credits are generated and validated using Earthy's comprehensive data recording system, which analyzes immense amounts of project data generated through the Earthy app amongst other sources. The system tracks the entire financial, social, and business history of carbon offset projects, ensuring transparency and credibility. The validation process provides a robust, automated and scalable verification framework for carbon credits.

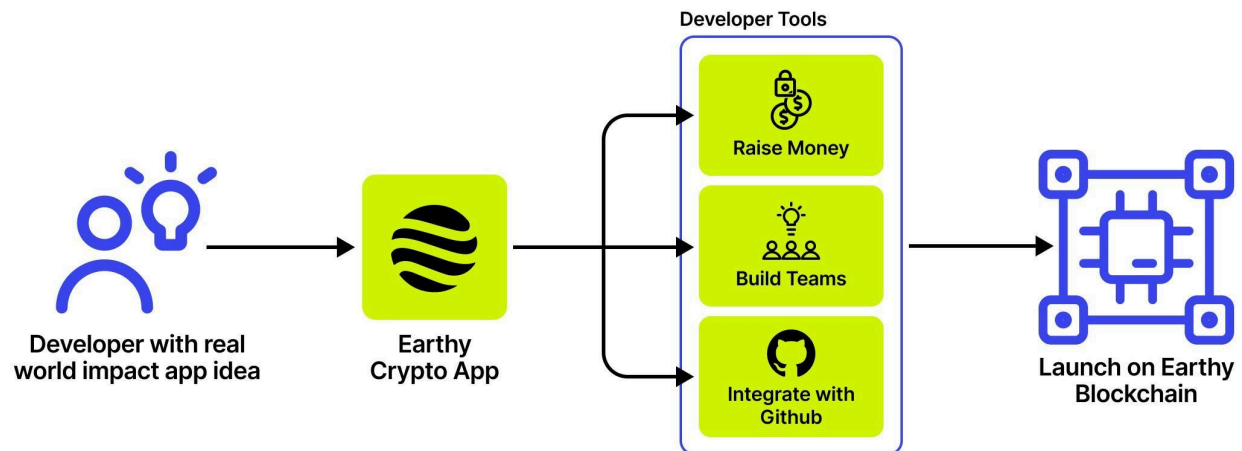


Seamless Developer Integration

The Earthy blockchain offers developers a seamless integration experience. Through the Earthy crypto application, technical teams can organize, build, and execute projects within the ecosystem. The platform provides robust tools for smart contract development, project

management, and community engagement. All developers gain access to these tools, ensuring they can effectively manage their projects from inception to completion.

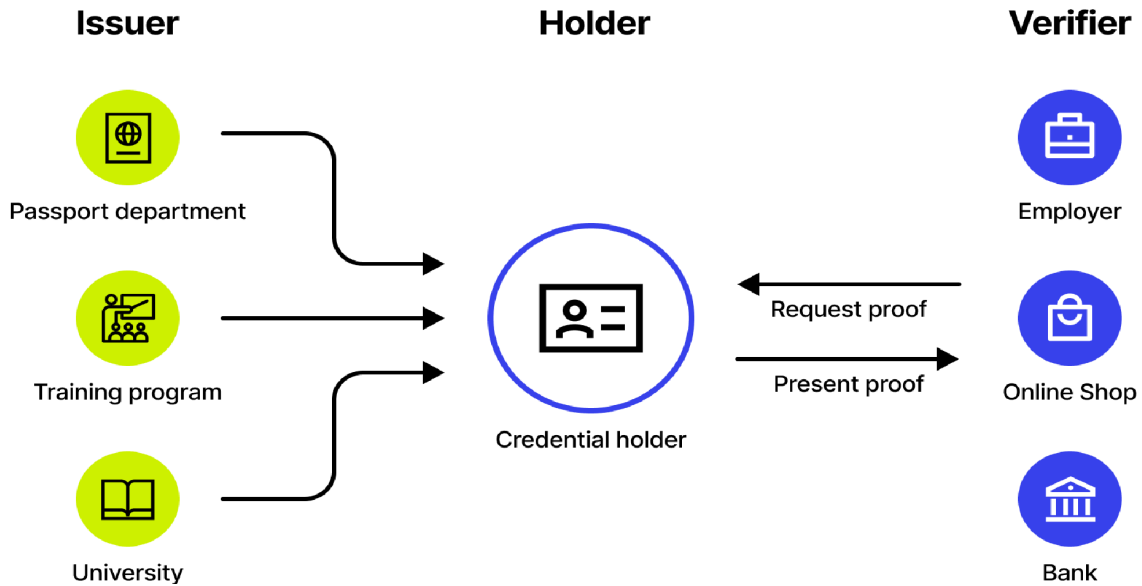
To access donors, investors, and our community of project supporters and users, developers must first complete the necessary checks and KYC process. Once a project is approved and the team passes these checks, developers can earn income through user staking while working on their projects. They can also link their GitHub history directly to the app, allowing other users to track progress, donate, comment, or collaborate. This transparency ensures that supporters can monitor the progress and integrity of the projects. Additionally, developers gain access to a network of investors and supporters aligned with Earthy's mission, enhancing both project credibility and resource availability.



On-Chain Identity Layer

The Earthy blockchain features a robust decentralized identity (DID) system that verifies and stores user information on-chain, ensuring both security and privacy through secure cryptographic methods. Each user is assigned a unique DID, which serves as their digital identity across all decentralized applications (dApps) within the Earthy ecosystem. This DID system supports seamless authentication and authorization processes by storing verified credentials on-chain, enabling a wide range of applications, including:

- **KYC/AML Compliance:** The identity layer facilitates Know Your Customer (KYC) and Anti-Money Laundering (AML) compliance by securely verifying and storing user credentials.
- **Access Control:** Ensures that only authorized users can access specific resources or services within dApps.
- **Personalized Services:** Allows dApps to offer personalized experiences based on verified user data, enhancing user engagement and satisfaction.

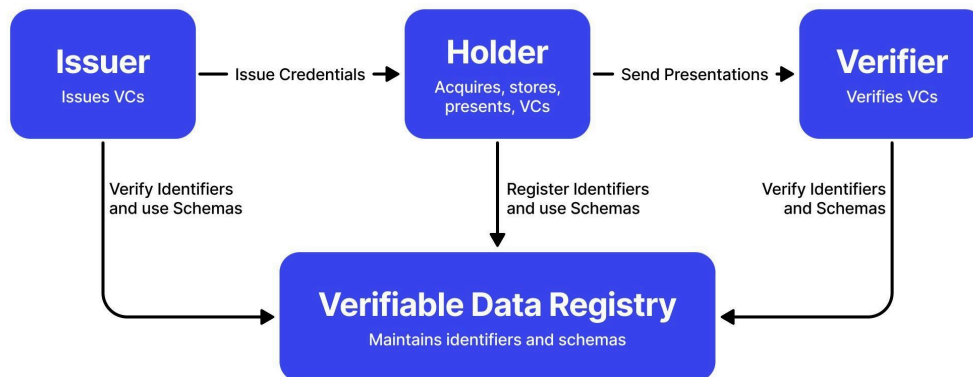


DID Credential Verification System

The DID credential verification system in Earthy leverages proven cryptographic techniques to ensure secure and tamper-proof identity verification. The verification process involves the following steps:

- **Credential Authentication:** Users submit their credentials (e.g., government IDs, academic records) for verification by trusted entities.
- **Encoding into Verifiable Claims:** Once authenticated, these credentials are encoded into verifiable claims and stored on the blockchain.
- **Query for Authentication:** dApps can query these claims to authenticate and authorize users, ensuring secure and seamless interactions.

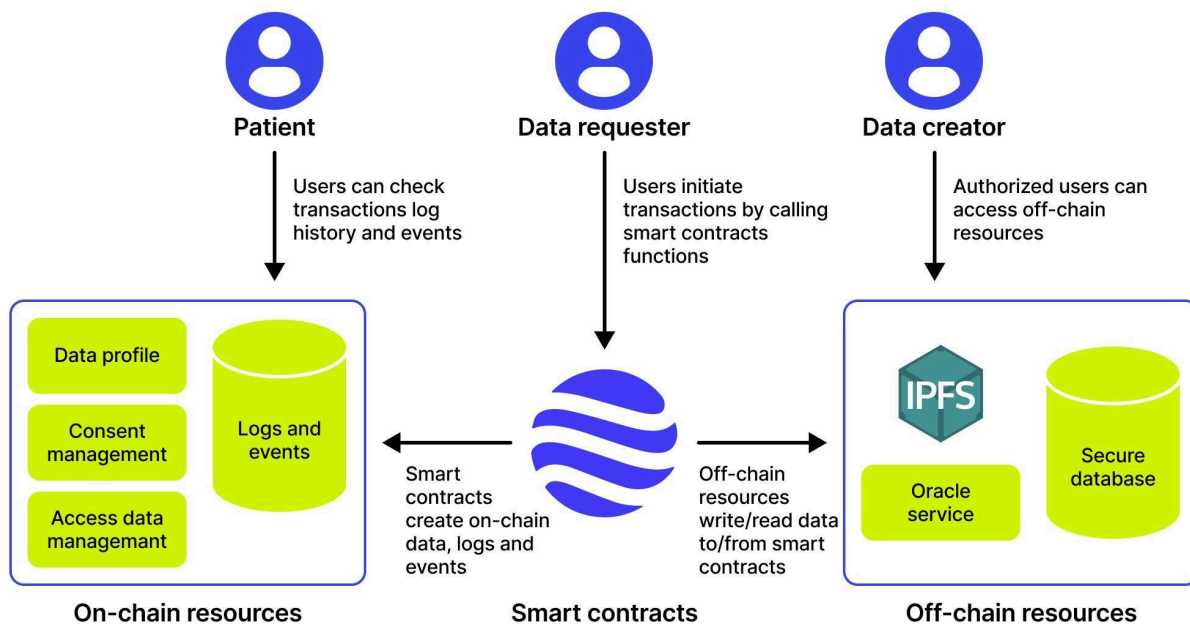
This system guarantees the integrity and privacy of user data, supporting various use cases across the Earthy ecosystem:



Earthy Decentralized Ecological Economics Protocol (EDEEP)

The Earthy EDEEP protocol provides on-chain data about real-world information, making it easy for developers to build applications connected to environmental and economic data. The protocol integrates with off-chain workers on the Substrate framework, which continuously updates the on-chain data in real-time. This data includes environmental metrics (e.g., carbon footprint, air quality), energy data (e.g., market prices, renewable production), and agricultural data (e.g., crop yield, soil health). By providing reliable and up-to-date data, EDEEP enables the creation of applications that respond to real-world conditions.

(DIAGRAM ON NEXT PAGE)



EDEEP Data Categories

The Earthy Decentralized Ecological Economics Protocol (EDEEP) integrates a variety of data categories to support environmental and humanitarian projects. This comprehensive data set enables informed decision-making, transparent tracking, and impactful project implementation. Below, we outline the key data categories incorporated within the EDEEP framework, highlighting their importance in fostering a sustainable and accountable ecosystem:

Environmental Data

- **Overview:** This category includes critical metrics such as carbon footprint, emissions, air and water quality, deforestation rates, biodiversity indices, and climate impact assessments.

- **Significance:** Essential for monitoring environmental health and identifying areas for intervention to mitigate negative impacts.

Energy Data

- **Overview:** Encompasses market prices, financial data, transaction records, and economic indicators related to sustainability.
- **Significance:** Vital for assessing the sustainability of energy production and consumption, and for promoting the use of renewable energy sources.

Economic Data

- **Overview:** Covers renewable production figures, consumption statistics, efficiency metrics, as well as storage and distribution data.
- **Significance:** Important for understanding economic activities and their environmental impacts, facilitating the development of more sustainable economic practices.

Agricultural Data

- **Overview:** Includes data on crop yields, farming practices, soil health, water usage, and irrigation efficiency.
- **Significance:** Crucial for optimizing agricultural practices to enhance productivity while minimizing environmental impact.

Regulatory & Compliance Data

- **Overview:** Consists of information on environmental compliance, certifications, and audits.
- **Significance:** Ensures that projects adhere to regulatory standards and promote sustainable practices through verified compliance.

Geospatial Data

- **Overview:** Utilizes satellite imagery, remote sensing technologies, and GIS data to provide detailed insights on land use and natural resource distribution.
- **Significance:** Enables precise monitoring and management of natural resources and land, aiding in conservation and restoration efforts.

Ecological Impact Data

- **Overview:** Measures human activity impact, restoration efforts, and conservation outcomes.
- **Significance:** Tracks the effectiveness of environmental interventions and helps in planning future conservation strategies.

Public and Private Sector Data

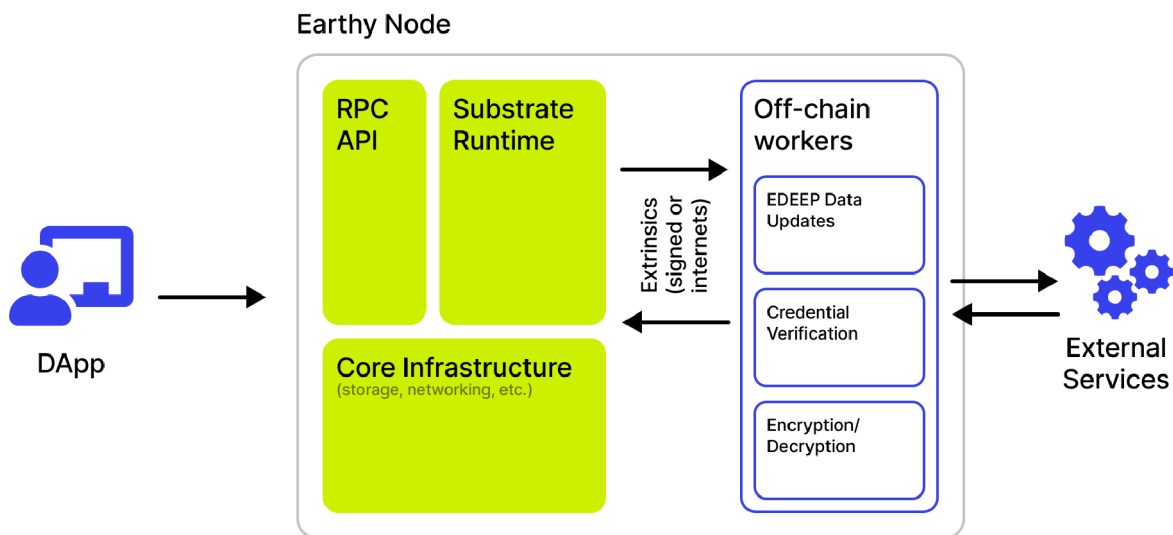
- **Overview:** Includes data on partnerships, collaborations, investments, and funding activities.
- **Significance:** Facilitates the identification of key stakeholders and funding sources, promoting collaboration and resource allocation for impactful projects.

Technical Architecture

Substrate Framework

Earthy is built on the Substrate framework, offering a modular, upgradeable, and flexible architecture for blockchain development. This foundation enabled Earthy to implement its unique Proof of Impact (POI) consensus mechanism and integrate with off-chain workers for real-time data updates. The Substrate framework ensures scalability, security, and interoperability with other blockchains within the Polkadot ecosystem. Additionally, it supports seamless upgrades, allowing for secure deployment of network enhancements that boost speed, scalability and utility as Earthy evolves.

(DIAGRAM ON NEXT PAGE)



EVM Compatibility

The Earthy blockchain is EVM compatible, allowing developers to transition their projects to our network effortlessly. This compatibility ensures that existing Ethereum-based applications can be ported to Earthy without extensive modifications. The network also offers enhanced tools and a consensus process that allows applications to be more dynamic and connected to real-world data, surpassing the real-world integration capabilities of other blockchains.

Smart Contract Platform

Earthy supports a robust smart contract platform that enables developers to create and deploy decentralized applications. The platform provides a library of pre-built smart contracts for common use cases, reducing development time and complexity. Developers can also write and test custom contracts in Solidity, which interact with diverse types of data available on Earthy, while ensuring compatibility with existing Ethereum tools and libraries. Earthy also provides an optimized developer experience for Earthy-specific data and tools.

Decentralized Storage

Earthy utilizes decentralized storage solutions, such as IPFS and Arweave, to ensure the security and availability of data. This decentralized approach prevents single points of failure and ensures that data remains accessible even if parts of the network go offline. The storage system is integrated with the DID credential verification system, allowing users to store and retrieve their verified credentials securely.

5.2. BLOCKCHAIN INTEGRATIONS

Integrating Blockchain Technology with Real-World Applications

The Earthy blockchain is poised to reshape the Web3 industry by integrating blockchain technology with impactful real-world applications. By connecting developers, investors, and projects through a utility platform, Earthy enables the creation of a global ecosystem that drives positive change.

501c3 Earthy Foundation Integration

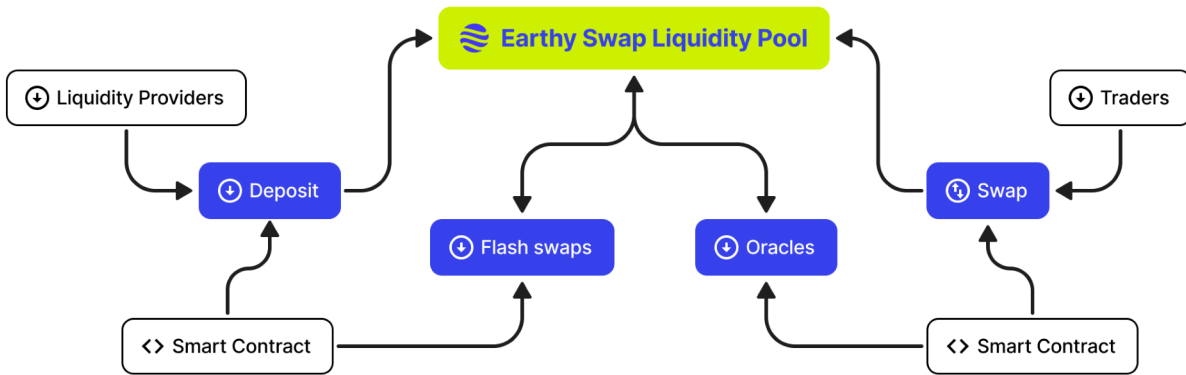
The Earthy Foundation will fully leverage the Earthy ecosystem to maximize its impact and operational efficiency. By posting all its donations on-chain Earthy allows donors to track the use of their contributions in real-time. The Earthy App will be integral to the foundation's operations, facilitating project management, event organization, and task coordination not just for other impact projects, but for Earthy itself.

Benefits of this Integration:

- **Transparency:** On-chain donation tracking builds trust and ensures accountability.
- **Efficiency:** The Earthy App's tools streamline project and event management.
- **Data-Driven Decisions:** Earthy maximizes the impact and strategic deployment of funds.
- **Community Engagement:** Facilitates collaboration and engagement within the philanthropic community.

Earthy Swap and Exchange Integration

The integration of the Earthy blockchain with the Earthy Swap enables seamless token exchanges within the ecosystem. Utilizing v3 and v4 Uniswap liquidity pools, Earthy Swap ensures users can trade tokens efficiently and with minimal friction. This functionality is critical for maintaining liquidity and providing users with the flexibility to convert their tokens as needed. The Earthy Swap will support all tokens built on the Earthy network which somehow help the world or support impact projects on our ecosystem. Creating a thriving real-world impact web3 ecosystem.



Additionally, Earthy will integrate with centralized exchanges to provide users with a secure and efficient platform to trade their tokens for fiat currencies. These centralized exchanges will bridge the gap between crypto assets and real-world financial needs, ensuring users have a reliable and user-friendly environment to manage their digital assets.

For users who may not be familiar with using exchanges or swaps, the Earthy Card offers a convenient solution. The Earthy Card ties into the funds of projects as well as users who opt in and will automatically liquidate tokens to compensate for real-world financial purchases using the card. This feature simplifies the process, allowing users to support impactful projects while seamlessly integrating their crypto assets into everyday financial activities.

Benefits of Earthy Swap and Exchange Integration:

- **Liquidity:** Ensures users can easily convert tokens, maintaining ecosystem fluidity.
- **Security:** Provides a safe platform for token exchanges.
- **Flexibility:** Supports various tokens, catering to diverse user needs.
- **Resource Access:** Facilitates financial transactions to support project funding.
- **Convenience:** Earthy Card automates token liquidation for real-world purchases, simplifying user experience.

Global Philanthropic Registry Integration

The global philanthropic registry will be integrated directly into the Earthy blockchain to track and verify all philanthropic activities, ensuring a reliable source of data and verification for developers and donors across the ecosystem. This registry will serve as a comprehensive database of all projects, donations, and impact metrics, making it easier for stakeholders and developers to access information and utilize it in applications which support these causes.

By integrating this registry with the Earthy blockchain, we can leverage immutable records to provide verifiable data on the impact and progress of each project. This approach addresses the industry's fragmentation by consolidating information into a single, accessible platform, enhancing trust and collaboration among stakeholders.

Benefits of this Integration:

- **Comprehensive Tracking:** Centralizes data on all philanthropic activities.

- **Transparency:** Provides verifiable records of project impact and donations.
 - **Accountability:** Enhances trust through immutable blockchain records.
 - **Collaboration:** Facilitates information sharing and collaboration among stakeholders.
-

Staking Systems

User friendly staking interfaces to allow staking into impact projects, developers, and project initiators. This mechanism not only incentivizes participation but also ensures continuous funding for quality public goods development. Through user friendly interfaces stakers can allocate their Earthy tokens to support specific initiatives, fostering a strong relationship between developers, stakers, and users.

By aligning the interests of all parties involved, the staking system creates a self-sustaining model where projects receive continuous income, developers are motivated to maintain high-quality dApps, and stakers benefit from potential increases in token value. This system helps unify the fragmented philanthropic industry by providing a stable and scalable decentralized funding mechanism.

Benefits of this Integration:

- **Continuous Funding:** Ensures ongoing support for quality projects.
 - **Incentivization:** Rewards participants, enhancing engagement and network security.
 - **Alignment of Interests:** Strengthens relationships between developers, stakers, and users.
 - **Scalability:** Supports the growth and stability of the ecosystem.
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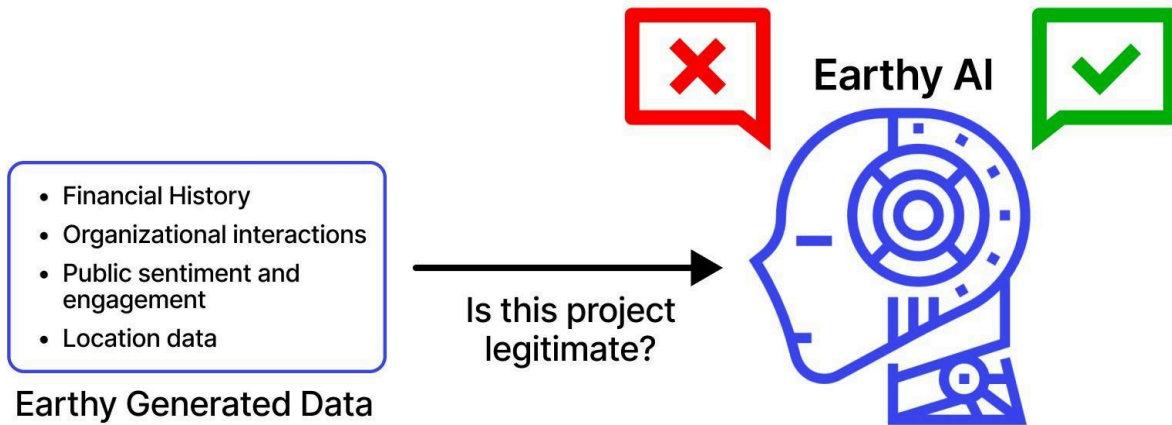
Earthy App Integration

The Earthy App is a comprehensive tool designed to facilitate the entire lifecycle of philanthropic projects, from inception to execution and reporting. Seamlessly integrated with the Earthy blockchain, the app ensures optimal synergy and efficiency.

The app securely stores data on projects, managing the withdrawal and use of funds through fiat financial systems. This is achieved via a debit card linked to the Earthy crypto asset, other cryptocurrencies, and fiat funds raised through in-app donations. Cryptocurrency-based project funds are automatically converted into liquid assets usable for real-world purchases.

The Earthy App generates substantial amounts of valuable data on impact projects globally. This data not only validates the ethical integrity of projects but also provides developers with the information needed to craft their own solutions. The data is readily available on-chain, enabling developers to build applications that effectively support ecosystem projects.

Earthy employs an AI monitoring system that approves or flags transactions for review based on financial, social, organizational, location, and logistical data generated through user interactions. This system ensures that project funds are spent legitimately and in accordance with project objectives, enhancing transparency and accountability.



The Earthy App will integrate with the Earthy Foundation and the global philanthropic registry, enabling seamless management and tracking of all funded projects and incoming donations. This integration ensures that the Earthy Foundation can utilize the app for organizing events, managing tasks, and funding projects, effectively "eating our own dog food." *Benefits of this Integration:*

- **Comprehensive Management:** Facilitates the entire project lifecycle.
- **Financial Flexibility:** Converts donations into liquid assets for real-world use.
- **Data Availability:** Provides valuable data for developers and projects.
- **AI Monitoring:** Ensures transparency and accountability of fund usage.
- **User Engagement:** Allows for diverse donation methods, including fiat and cryptocurrencies.
- **Foundation Utilization:** Enables the Earthy Foundation to fully leverage the ecosystem.
- **Registry Integration:** Supports the inclusion of projects and user information in the global philanthropic registry.

Further details about the Earthy App, its features, and functionalities will be covered in the following section.

5.3. THE EARTHY APP: YOUR HUB FOR IMPACTFUL PHILANTHROPY

KEY FEATURES:

The Earthy App offers a comprehensive suite of tools designed to streamline project management and foster robust community engagement. These features not only enhance operational efficiency but also amplify the impact of philanthropic initiatives through active community involvement and transparent processes.

A. Product Management:

The Earthy App offers comprehensive project management tools that streamline the entire process, from goal setting to task tracking, ensuring efficient and effective execution of projects.

- **Streamline Your Projects:** The Earthy App provides sophisticated project management tools that allow users to define goals, set milestones, and track tasks in real-time. This ensures that all project components are well-coordinated and aligned with the overall objectives.
 - **Create and Manage:** Easily execute complex project objectives. For instance, a renewable energy initiative can outline specific tasks and events in phases, and fundraise accordingly for site assessment, equipment procurement, installation, and performance monitoring.
 - **Coordinate Effortlessly:** Integrated communication and coordination tools ensure that all team members and stakeholders are aligned, preventing task duplication, and ensuring timely completion.

1. EVENT ORGANIZATION:

Plan and execute events seamlessly with Earthy's end-to-end organizational support, utilizing data analytics for impactful outcomes.

- **Plan and Execute with Ease:** The app supports the end-to-end organization of various events, including fundraising campaigns and community engagement activities. By leveraging data analytics and real-time tracking, organizations can ensure that their events are impactful and aligned with their strategic goals.
 - **Fundraising and Community Engagement:** Manage events such as charity galas, community clean-ups, or awareness campaigns with precision.
 - **Maximize Impact:** Utilize data-driven insights to optimize event planning, execution, and post-event analysis.

2. TASK COORDINATION

Stay on track with real-time task management, ensuring accountability and timely project completion:

- **Stay on Track:** The app allows project leaders to assign tasks, set deadlines, and track progress in real-time, ensuring accountability and maintaining project timelines.
 - **Assign and Track Tasks:** Keep team members aware of their responsibilities and track task completion.
 - **Meet Deadlines:** Automated reminders and progress tracking tools help ensure that all tasks are completed on schedule.

3. VERIFICATION AND KYC/KYP

Ensure trustworthiness and security with robust KYC (Know Your Customer) and KYP (Know Your Project) processes.

- **Significance for the Philanthropic Industry:**
 - Ensures that all participants are legitimate individuals or organizations, enhancing the ecosystem's integrity.

B. Social And Community Engagement

The Earthy App is not just a tool for managing projects and donations; it is a vibrant platform that leverages the power of community and social engagement to amplify impact. This section details how the app fosters a connected and supportive community, driving collaboration, innovation, and sustained engagement.

Overview The social and community features of the Earthy App are designed to create an interactive environment where users can share ideas, celebrate successes, and collaborate on impactful initiatives. By integrating news feeds, social media, and community functions, the Earthy App ensures that users remain informed, engaged, and motivated to contribute to the greater good.

1. NEWS FEEDS AND COMMUNITY FUNCTIONS

- **Stay Informed:** Users can follow news feeds that provide real-time updates on the latest developments within the Earthy ecosystem. This includes news about ongoing projects, upcoming events, new initiatives, and significant milestones.
- **Project Highlights:** Dedicated sections highlight impactful projects, share their progress, and celebrate their achievements. For example, a project focused on reforestation can regularly update its progress, share before-and-after images, and report on the number of trees planted.
- **Engage with the Community:** The app features forums and discussion boards where users can engage in meaningful conversations, share insights, and offer support. This fosters a sense of community and collaboration, encouraging users to contribute ideas and feedback.
- **Collaborative Initiatives:** Users can create or join groups focused on specific causes or initiatives. These groups can collaborate on projects, plan events, and share resources, enhancing the collective impact.
- **Support and Celebrate Success:** The app allows projects to announce and celebrate key milestones. This could be the completion of a significant project phase, surpassing fundraising goals, or achieving notable impact metrics.
- **Recognition and Rewards:** Users and projects can be recognized for their contributions through badges, awards, and public acknowledgments. This not only motivates participants but also builds a culture of appreciation and recognition.

2. INTEGRATION WITH SOCIAL MEDIA

- **Amplify Reach and Engagement:** The app seamlessly integrates with major social media platforms, allowing users to share updates, events, and achievements directly from the app. This amplifies the reach of projects and initiatives, attracting a broader audience and potential supporters.
- **Affiliate Marketing for Causes:** Influencers and community leaders can create affiliate links to promote specific projects. This incentivizes them to support and spread the word about impactful initiatives, leveraging their networks for greater reach.

3. BUILDING TRUST AND TRANSPARENCY

- **Community Verification:** Public discussions and shared stories provide a level of transparency, allowing the community to verify the legitimacy and impact of projects.
- **Peer Reviews:** Projects can receive reviews and feedback from the community, enhancing their credibility and trustworthiness.
- **Building a Culture of Trust:** Continuous engagement and recognition build trust within the community, encouraging more individuals to participate and contribute.
- **Transparent Reporting:** Regular updates and detailed reports on project progress and fund usage build trust and ensure accountability.

4. SCALABLE IMPACT

- **Amplifies Reach:** Social media integration and affiliate marketing extend the reach of projects, attracting more supporters and resources.
- **Viral Campaigns:** Successful campaigns can go viral, exponentially increasing their impact and visibility.
- **Sustains Growth:** Regular updates, community recognition, and peer support mechanisms ensure that projects remain active and continue to grow.
- **Ongoing Engagement:** The app's features keep the community engaged, ensuring sustained interest and support for long-term initiatives.

5.4. THE EARTHY PROVISIONAL PATENT

Title: Device System and Method for Funding Projects Using Blockchain Social Platform Technologies

Patent Number: *Patent No. 63/646,019*

Overview:

Filed on May 22, 2024, the Earthy United States Provisional Patent Application represents a pivotal innovation in utilizing blockchain technology for global philanthropic endeavors. This patent encapsulates the methodologies and technologies Earthy employs to facilitate transparency, efficiency, and impactful project management and funding.

Background:

- **Field of the Invention:**

This invention pertains to the integration of blockchain technology and social platform functionalities to enhance environmental and humanitarian project management and funding.

- **Problem - Background of Invention:**

Current platforms lack the tools necessary for individuals and organizations to create substantial real-world change. There is a disconnect and a lack of coordination in

community networks. Nonprofits and other organizations struggle with funding, transparency, accountability, and effective project execution.

Solution - Description of the Invention:

The invention introduces a blockchain network designed for transparency and efficiency in managing transactions, financials, responsibilities, verifications, and projects with global engagement. It creates a community for funding and project completion, incorporating compliance processes, AI systems, technological infrastructure, security, scalability, and reliability. The invention aims to raise funds for development and onboard numerous environmental and humanitarian projects, creating tangible global impacts.

Key Components and Features:

1. Blockchain Network:

The invention utilizes a Layer-1 blockchain built using Substrate, providing a scalable and secure environment for managing philanthropic transactions and data.

Significance: Offers a reliable and efficient way to handle large volumes of transactions, ensuring data integrity and security for philanthropic efforts.

2. AI-Driven Tools:

Advanced AI algorithms play a crucial role in optimizing resource allocation, enhancing project effectiveness, and fostering stronger donor engagement within the Earthy ecosystem. By providing data-driven insights, these tools ensure that resources are directed to projects with the highest potential impact.

Significance: Improves decision-making processes by providing data-driven insights and ensuring that resources are allocated to projects with the highest potential impact.

3. User-Directed Donations and Staking:

Tokens or points are awarded on the system, which can be staked towards chosen projects. These tokens can be earned through donation or involvement with the project. Staking tokens and creating activity on projects and the network leads to equity in teams building systems on the earthy blockchain network and financial growth.

Significance: Encourages active participation from users and ensures a continuous flow of funding to impactful projects. It also aligns the interests of donors and project initiators.

4. Compliance and Security:

The platform incorporates rigorous security protocols, regular audits, and compliance software to maintain the integrity and transparency of all transactions and activities.

Significance: Ensures that all activities within the ecosystem are secure and comply with relevant regulations, building trust among users and stakeholders.

5. Technological Infrastructure:

The infrastructure includes robust technological components ensuring the platform's reliability, security, and scalability. This infrastructure supports the onboarding and management of numerous projects, driving substantial global impact.

Significance: Provides a solid foundation for the platform, allowing it to scale and support a growing number of projects and users efficiently.

In summary, the Earthy Provisional Patent addresses the need for effective platforms to enact global change and provide funding for efforts worldwide. This invention leverages blockchain and AI technologies to manage and fund environmental and humanitarian projects, fostering impactful global contributions.

6. TOKENOMICS

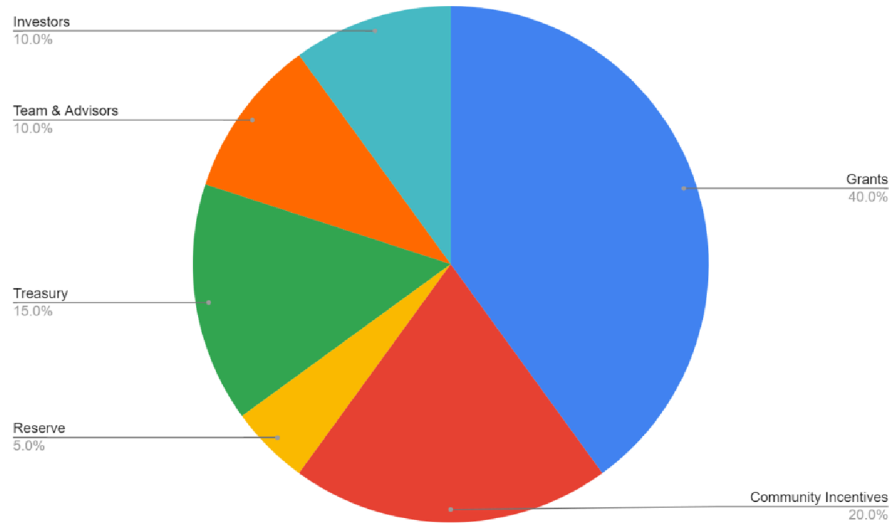
Earthy's token ecosystem is meticulously designed to support seamless transactions, reward community contributions, and establish a resilient governance framework. Through the innovative Proof of Impact (PoI) consensus mechanism, Earthy ensures network security and equitable reward distribution, fostering long-term sustainability and growth.

6.1. ECONOMIC MODEL: INCENTIVES, REWARDS, AND TOKEN CIRCULATION:

The PoI consensus mechanism anchors Earthy's economic model. This evolved Proof of Stake (PoS) variant incorporates a dynamic nominator-validator structure. Validators validate blocks and maintain the network, rewarded with Earthy tokens for their technical acumen and infrastructure. Nominators stake Earthy to elect validators and share in the rewards, balancing their risk. A calibrated inflation model with a soft cap supports a stable yet growing supply, key to Earthy's scalability.

Allocation and Emissions: Earthy's token allocation and emission strategy is methodically planned to ensure long-term sustainability and support for various stakeholders within the network. With a total supply capped at 100,000,000 Earthy tokens, the distribution extends over a 60-month period to align with Earthy's growth and development goals.

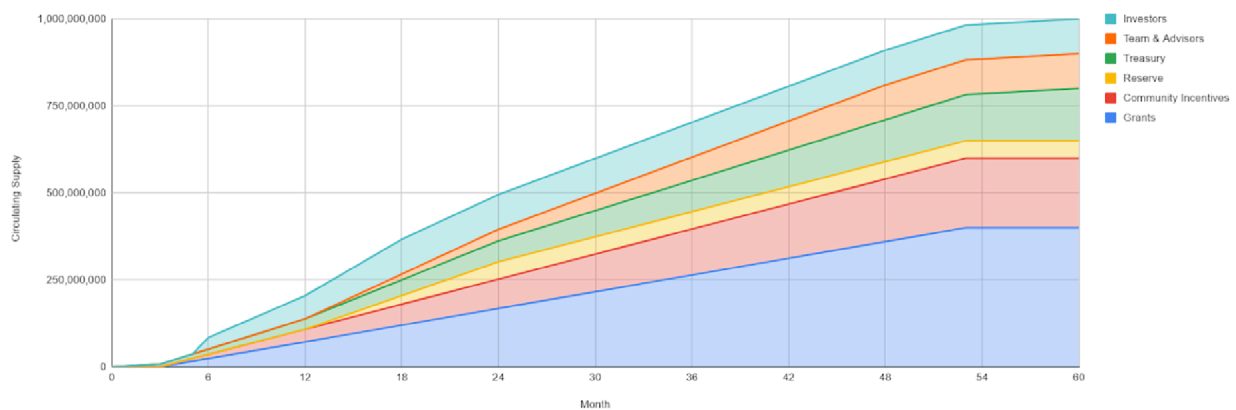
- **Investors (10%):** Allocated to early backers, recognizing the pivotal role and trust in the vision.
- **Team & Advisors (10%):** Reserved for individuals driving Earthy's technological and strategic direction.
- **Treasury (15%):** Serving as a buffer and resource pool for unforeseen necessities and ongoing operations.
- **Reserve (5%):** A safeguard to ensure liquidity and address market fluctuations proactively.
- **Community Incentives (40%):** Aimed at fostering user participation, rewarding contributions, and engaging the broader Earthy community.
- **Grants (20%):** Dedicated to funding initiatives and projects aligning with Earthy's mission, encouraging innovation and public good development:



6.2. EMISSIONS

Earthy's emission strategy focuses on creating a balanced inflow of tokens into the market, utilizing a controlled inflationary mechanism to incentivize network participation without devaluing the token. The emission schedule supports network security, rewards participation, and facilitates the ecosystem's expansion.

- **Inflationary Policy:** A controlled inflationary mechanism is utilized to incentivize network participation without devaluing the token.
- **Emission Schedule:** Emissions are carefully scheduled to support network security, reward participation, and facilitate the ecosystem's expansion.
- **Rewards for Earthy Stakeholders:** Based on participation in user-directed donations, people who stake the token benefit from base and adjustable rewards, encouraging early adoption and securing the network's initial stages.



A meticulous emission schedule governs the release of tokens, with an eye on incentivizing network security and participation without fostering inflationary pressures. The system is

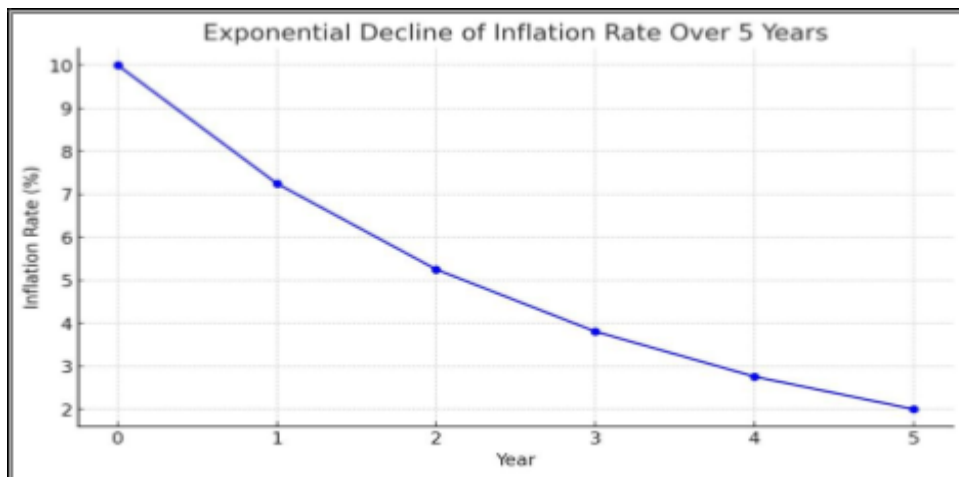
designed to be a soft cap on inflation because rewards are only minted when claimed, allowing for the possibility that not all allocated rewards are disbursed if they remain unclaimed.

6.3. THEROETICAL INFLATION MODEL:

Earthy Model Spreadsheet Data (EARTHY): The detailed breakdown of allocation and emissions is encapsulated in the Earthy Tokenomics Modeling Spreadsheet (available in the tokenomics report hosted at www.earthy.tech). This document serves as a live blueprint for monitoring the distribution and emission of tokens, ensuring transparency and adherence to Earthy's strategic financial model. Through meticulous planning of allocation and emissions, Earthy aims to maintain a robust economy that supports its contributors while ensuring a thriving and self-sustaining ecosystem for public goods and services.

6.4. DEFLATIONARY MECHANISM

Inflationary block rewards will start high to encourage early adoption and secure the initial stages of the network, establishing a stable and decentralized base of validators and dApps. Rewards will help accelerate network growth by drawing in participants early on, enhancing the network's size and security. As the Earthy network matures and transaction volume increases, the focus shifts from block rewards, which reduce over time, to a reliance on transaction fees:



6.5. SUSTAINABILITY AND VALUE CAPTURE

Earthy's longevity is rooted in an economic framework that internalizes value via transaction fees, creating a self-sustaining loop that directly finances public goods and reduces external dependency. User-directed donations empower developers, fostering an interdependent ecosystem thriving on collaborative success.

6.6. TOKEN SALE AND ALLOCATION

With the goal of securing \$5.5 million in early funding, Earthy envisions an infrastructure supporting and propelling community-led ventures, laying the groundwork for expansive growth and sustainable platform evolution.

6.7. INCENTIVES FOR DEVELOPERS AND STAKERS

A system of user-directed donations incentivizes developers, moving away from traditional funding dependencies. Stakers benefit from the network's growth through potentially appreciating token values and attractive return rates.

6.8. IDENTITY AND REPUTATION LAYER

Earthy's identity layer safeguards against fraudulent exploits, ensuring that rewards and governance remain in the hands of verified users. This maintains trust and integrity within the ecosystem. Earthy redistributes network-generated financial value back into public goods, fostering broad-based community involvement and enhancing the spectrum of supported projects.

In Summary, Earthy's integrated approach—combining consensus mechanisms, tokenomics, and economic model incentivizes user participation, ensures steadfast governance, and sustainably captures value to underpin significant worldwide projects. By maintaining a robust economy that supports its contributors, Earthy ensures a thriving and self-sustaining ecosystem for public goods and services.

7. DEVELOPMENT ROADMAP

7.1 INTRODUCTION

Earthy's development roadmap serves as our strategic guide, outlining phases and milestones that chart our journey from foundational audits to global outreach. This roadmap encompasses technical enhancements, regulatory foresight, and market penetration, ensuring Earthy's growth is both ambitious and conscientious. Below, we present an overview of the key phases, milestones, and resource allocations that will guide Earthy through its evolution, setting the stage for impactful future achievements.

7.2 DEVELOPMENT PHASES

The roadmap outlines key phases from inception to future enhancements, emphasizing regulatory milestones and market expansion.

1. **Audit and Release Blockchain Network**
 - Conduct thorough audits
 - Release the Earthy blockchain network.
 - Timeline: Q4 2024
2. **Beta Test and Release Earthy App**
 - Launch beta version for testing
 - Public release of the app
 - Timeline: Q4 2024
3. **Build Community and Awareness**
 - Engage with users, developers, and partners
 - Focus on regulatory compliance
 - Timeline: Q4 2024
4. **Onboard Projects and Environmental Data**
 - Onboard environmental and humanitarian projects
 - Integrate extensive environmental data.
 - Timeline: Q4 2024
5. **Partner with Festivals, Conferences, and Events**
 - Establish global partnerships.
 - Expand Earthy's market presence.

- Timeline: Q1 2025

7.3 MILESTONES

Achievements to date and future objectives.

Milestone	Description	Status
Blockchain Network Audit and Release	Completed initial audits and released the network.	Completed
Earthy App Beta Testing and Public Release	Launched beta testing and addressed feedback.	In Progress
Community Building and Awareness	Established a growing community.	Ongoing
Project Onboarding and Data Integration	Successfully onboarded projects and integrated data.	Ongoing
Global Partnerships	Formed strategic partnerships worldwide.	Planned

7.4 RESOURCE ALLOCATION

Earthy's resource allocation strategy invests in technology, community management, and market expansion:

Allocation Category	Percentage	Description
Technology Development	33%	Funding for software licenses, cloud hosting, security, and tech expenses.
Marketing & Community Building	42%	Covers online marketing, public relations, community events, and content management.
Operations	10%	Supports day-to-day operational needs and logistics.
Contingency Fund	5%	Set aside for unforeseen expenses and emergencies.
Liquidity	5%	Ensures sufficient liquidity for operational needs and growth.
Legal & Compliance	3%	Ensures adherence to legal standards and risk management.
Hardware & Utilities	2%	Supports infrastructure needs.

Earthy's development roadmap is a strategic blueprint that guides our journey towards impactful global change. By focusing on key development phases, achieving significant milestones, and allocating resources effectively, Earthy is well-positioned to fulfill its mission of revolutionizing the

philanthropic landscape. This roadmap ensures that we remain on track to achieve our goals, fostering a transparent, efficient, and impactful ecosystem for global philanthropy.

8. STRATEGIC PARTNERSHIPS

Earthy's strategic partnerships are essential for enhancing the platform's functionality, regulatory compliance, and market reach. By collaborating with key partners, Earthy gains significant advantages in terms of brand exposure, operational efficiency, and community impact.

8.1 PARTNER CONTRIBUTIONS

Earthy's ecosystem thrives on the contributions of various partners, each bringing unique strengths and resources. These partnerships are intricately woven into Earthy's blockchain and app, ensuring seamless integration and enhancing overall functionality.

Detailed Integration and Benefits:

- **Key Partners:** These partners play a crucial role in enhancing Earthy's regulatory compliance and overall functionality. By integrating compliance checks and auditing capabilities within the blockchain and app, Earthy ensures that all activities are transparent and adhere to legal standards. This integration helps build trust among users and regulatory bodies, facilitating smoother operations and broader acceptance.
- **Technology Partners:** By providing technological support and innovation, these partners help in developing advanced features and maintaining the robustness of the Earthy platform. This includes upgrading blockchain protocols, enhancing the app's user interface, and ensuring that the latest technological advancements are incorporated. The ecosystem benefits from innovative solutions that improve efficiency, security, and user experience.
- **Financial Partners:** These partners ensure that financial operations within Earthy are smooth and well-integrated. They provide the necessary infrastructure for handling transactions, managing funds, and integrating various payment gateways like Stripe. This ensures that donations, staking, and other financial activities are processed efficiently and securely.
- **Community Partners:** Community partners help expand Earthy's market reach and foster engagement. By leveraging their networks and influence, they bring more users, donors, and projects into the Earthy ecosystem. This enhances the platform's visibility and encourages more widespread participation.
- **Layer 2 Blockchains:** Integrating Layer 2 solutions allows Earthy to scale more effectively and handle a higher volume of transactions. These partnerships bring additional token economies and support complex transaction handling, making the ecosystem more robust and capable of supporting large-scale philanthropic activities.
- **Developer Partners:** Developer partners collaborate on technological development and app integrations, bringing in expertise and innovative solutions. They contribute to

building new features, improving existing ones, and ensuring that the Earthy app remains at the forefront of technological innovation.

- **Alliances:** Forming strategic alliances with other organizations helps Earthy broaden its impact and leverage collective expertise. These alliances provide additional resources, knowledge, and networks, enhancing Earthy's ability to achieve its mission.
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8.2 ENHANCEMENT OF MARKET REACH

Enhancing market reach is crucial for Earthy to maximize its impact. Strategic collaborations, regulatory compliance, brand exposure, and community engagement are key strategies that integrate into the Earthy ecosystem, blockchain, and app, driving broader adoption and deeper engagement.

Detailed Integration and Benefits:

- **Strategic Collaborations:** These partnerships allow Earthy to extend its functionality and market penetration by combining resources and expertise. By integrating partner technologies and networks, Earthy enhances its offerings and reaches a wider audience. This leads to more projects onboarded, more users engaged, and greater overall impact.
 - **Regulatory Compliance:** Ensuring that Earthy complies with legal standards is vital for its sustainability. Regulatory partners help integrate compliance mechanisms within the blockchain and app, ensuring all activities meet required standards. This builds credibility and trust, essential for attracting institutional donors and large-scale projects.
 - **Brand Exposure:** Partner networks provide platforms for Earthy to increase its visibility and awareness. By leveraging these networks, Earthy can reach new potential donors, project initiators, and users, driving growth and engagement. Brand exposure through reputable partners also enhances Earthy's reputation and credibility.
 - **Community Engagement:** Engaging the community is critical for Earthy's success. Community partners help integrate social and engagement tools within the app, fostering a vibrant ecosystem where users can collaborate, share ideas, and support each other. This creates a supportive environment that drives sustained participation and impact.
 - **Layer 2 Integration:** Integrating Layer 2 solutions improves Earthy's scalability and transaction handling capabilities. This allows the platform to support a larger number of users and projects without compromising on speed or security. The enhanced scalability also makes it possible to handle more complex transactions and interactions.
 - **Developer Alliances:** Collaborating with developers brings continuous technological enhancements to the Earthy ecosystem. These alliances ensure that the platform stays innovative, incorporating the latest advancements in blockchain technology and app development. This attracts more developers to build on Earthy, expanding its functionality and impact.
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8.3 WINS FOR EVENTS, EARTHY, AND PEOPLE

Earthy's partnerships extend to organizing and supporting events, which serve as critical touchpoints for community engagement, brand exposure, and fundraising. These events benefit Earthy, its partners, and the wider community by fostering a collaborative and impactful environment.

Detailed Integration and Benefits:

- **Events Win:** By supporting events focused on worthy causes, Earthy helps these events earn more money and offer tax write-offs to attendees. This not only attracts more participants but also ensures that the events are financially successful, contributing to the sustainability of philanthropic activities.
- **Earthy Wins:** Earthy gains brand exposure through event partnerships, which helps in strengthening its impact and outreach. By being associated with successful events, Earthy can showcase its platform's capabilities and attract more users, donors, and projects.
- **People Win:** Donors, sponsors, and attendees benefit from tax write-offs and the satisfaction of contributing to positive change. This creates a positive feedback loop where more individuals are motivated to participate in philanthropic activities, thereby increasing the overall impact.

In Summary, Earthy's strategic partnerships are pivotal in driving the platform's success. By leveraging these collaborations, Earthy ensures comprehensive market penetration, regulatory adherence, and enhanced community impact. This multi-faceted approach underscores Earthy's commitment to creating a sustainable and impactful philanthropic ecosystem. Through detailed integration of partner contributions, market reach strategies, and community engagement initiatives, Earthy is poised to lead a transformative shift in global philanthropy.

9. SUSTAINABILITY / CORPORATE RESPONSIBILITY

Being a leader at the forefront of sustainability and impactful endeavors, Earthy recognizes the critical importance of sustainability and corporate responsibility. Our commitment to these principles is deeply embedded in our operations and is integral to our mission of creating a sustainable and impactful philanthropic ecosystem. This section details our sustainability commitments, social impact initiatives, sustainable growth plans, and our efforts to provide public good and environmental impact.

9.1 SUSTAINABILITY COMMITMENT

Earthy is dedicated to promoting sustainable practices across its operations. This includes adopting eco-friendly technologies, reducing carbon emissions, and implementing waste reduction strategies. Earthy prioritizes sustainability in its decision-making processes and strives to be a leader in environmental stewardship within the blockchain industry.

Sustainability:

- **Eco-Friendly Technologies:** Earthy integrates eco-friendly technologies within its blockchain and app to minimize environmental impact. This includes using energy-efficient algorithms and supporting renewable energy projects through our platform.
- **Carbon Emissions Reduction:** Through our Proof of Impact consensus mechanism, Earthy finances carbon offset projects directly. This ensures that our network not only operates sustainably but also contributes positively to reducing global carbon emissions while generating verified carbon credits.
- **Waste Reduction Strategies:** Earthy implements waste reduction strategies in its operational practices, including promoting digital transactions and minimizing physical resource usage.

Benefits to the Ecosystem:

- **Enhanced Reputation:** Earthy's commitment to sustainability enhances its reputation among users, partners, and regulatory bodies.
 - **Attracting Sustainable Projects:** By prioritizing sustainability, Earthy attracts projects and organizations that align with our environmental goals, creating a synergistic ecosystem focused on positive impact.
 - **Regulatory Compliance:** Adhering to sustainability standards ensures compliance with environmental regulations, reducing legal risks and fostering trust.
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9.2 SOCIAL IMPACT

Earthy recognizes its impact on society and actively works to create positive social change. This includes supporting initiatives that address social issues such as poverty alleviation, education accessibility, and healthcare improvement. Earthy's social impact initiatives are guided by principles of equity, diversity, and inclusivity, ensuring that its activities benefit marginalized and underserved communities.

Examples Include:

- **Poverty Alleviation:** Earthy supports projects that aim to reduce poverty through economic empowerment, education, and resource distribution.
- **Education Accessibility:** Initiatives that enhance access to education, particularly in underserved regions, are a priority for Earthy.
- **Healthcare Improvement:** Earthy funds projects focused on improving healthcare access and outcomes for disadvantaged populations.

Benefits to the Ecosystem:

- **Increased Community Engagement:** By addressing social issues, Earthy fosters a more engaged and supportive community.
 - **Diverse Participation:** Emphasizing equity, diversity, and inclusivity attracts a broad range of participants and projects, enriching the ecosystem.
 - **Positive Societal Impact:** Earthy's social initiatives create tangible benefits for communities, reinforcing the platform's mission and values.
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9.3 SUSTAINABLE GROWTH PLANS

Earthy's long-term sustainability strategies focus on responsible growth and resource management. This includes setting targets for renewable energy use, promoting ethical supply chain practices, and fostering partnerships with sustainable organizations. Earthy continually evaluates its operations to align with sustainability best practices and strives for continuous improvement in its corporate responsibility efforts.

Best Practices for Sustainability:

- **Renewable Energy Use:** Earthy aims to power its operations and servers with renewable energy sources, reducing reliance on fossil fuels.
- **Ethical Supply Chain Practices:** Earthy promotes transparency and ethical practices within its supply chain, ensuring that all partners adhere to sustainability standards.
- **Sustainable Partnerships:** Collaborations with sustainable organizations enhance Earthy's impact and align with our commitment to environmental stewardship.

Benefits to the Ecosystem:

- **Operational Efficiency:** Sustainable practices improve operational efficiency and reduce costs in the long term.

- **Attracting Ethical Partners:** Ethical supply chain practices and renewable energy use attract like-minded partners and projects.
 - **Enhanced Market Position:** Commitment to sustainable growth strengthens Earthy's position in the market, appealing to investors and users who prioritize sustainability.
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9.4 PROVIDING PUBLIC GOOD AND ENVIRONMENTAL IMPACT

Earthy is committed to serving as a public good by supporting projects aimed at public welfare and environmental conservation. The platform operates with a keen awareness of its environmental impact, minimizing its ecological footprint through sustainable practices. By promoting public good initiatives and contributing positively to environmental conservation, Earthy fulfills its mission of creating a more sustainable and empowered world for all.

- **Public Welfare Projects:** Earthy supports initiatives that provide essential services and improve the quality of life for communities.
- **Environmental Conservation:** Projects focused on conservation efforts, such as reforestation and biodiversity preservation, are integral to Earthy's mission.
- **Ecological Footprint Minimization:** Earthy continuously seeks ways to reduce its ecological footprint through innovative practices and technologies.

CONCLUSION

Earthy is more than just a project; it's a catalyst for global change, harnessing the power of blockchain, AI, and financial technology to drive social and environmental impact. Our mission is to revolutionize philanthropy by creating a unified and comprehensive ecosystem to tackle global challenges effectively.

Earthy's vision is to become the first widely adopted, next-generation web3 platform that empowers individuals and organizations worldwide to address critical issues. By integrating a Layer-1 blockchain with a suite of innovative applications, Earthy ensures that philanthropic efforts are more efficient and impactful than ever before.
