



BATTERY COIN

AGI LITE PAPER

"Powering the AI Revolution & a Moonshot to Mars"

PRIVATE AND CONFIDENTIAL LIVING DOCUMENTS
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THE BATTERY ECOSYSTEM



BatteryAGI



BRIDGES



Battery Coin



Tardee Token



BatUSD

BRIEF OVERVIEW

Introducing Battery Coin (\$BATT), a revolutionary convergence of blockchain technology, artificial intelligence, cutting-edge battery innovations, and electric vehicles. As a sovereign asset-backed private community currency, Battery Coin is poised to transform the future.

*With an initial asset-backing of over **\$28 billion** and a projected increase to **\$200 billion** within a decade, Battery Coin is committed to "Powering the AI Revolution & a Moonshot to Mars". Our ambitious goal is to successfully land the first human and Tardigrades on Mars and return them safely to Earth within the next decade, which encompasses the development of advanced AI, microchips, batteries, Mars rovers, EVs, and electronics.*

Battery Coin holders will have exclusive access to the ethical Decentralized Artificial Intelligence (eDAI) Platform, built on the Battery Blockchain, one of the world's fastest Layer 1 sovereign blockchain, capable of processing 100,000 transactions per second. We aim to achieve Artificial General Intelligence (AGI) by 2026, which will unlock numerous benefits for token holders.

Token holders will have priority access to cutting-edge health, wellness, and longevity technologies, including access to Healing Centers, AI-powered MedBeds, and the Medical Super Intelligence (MSI). These innovative solutions will revolutionize the way we approach healthcare and wellness.

Once AGI/ASI is achieved, token holders will receive a range of additional benefits, including a World Basic Income, free basic Universal Life Insurance, and Universal Healthcare. They will also have first-priority access to medical breakthroughs from BatteryAGI, ensuring they stay at the forefront of medical innovation.

The Battery Blockchain is blockchain-agnostic, enabling us to power AI applications on various blockchains, including Bitcoin, Ethereum, BNB, Cardano, Solana, Near Protocol, and many more. This versatility will enable widespread adoption and innovation across the blockchain ecosystem.

To support our Moonshot to Mars, Battery Coin has established the US Battery Consortium, uniting industry giants like NASA, SpaceX, and Ford Motors. This powerful collaboration will drive progress and innovation in AI, blockchain, and space exploration, shaping a brighter future for humanity.

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Law and Governance: The Mother Earth Constitution

Dispute Resolution: The Earth Tribunal

Sovereigns: Battery Coin, Free Nations, Mother Earth Nation

Tardee Token Issuer: The Federation of United Planets (Sovereign Entity)

Manager: Battery Movement

Backer: Titan Bioplastics, Atlantis Labs, DaVinci Supercars

Blockchain Technology Provider: Multi-chain, Credits.com, Ethereum, Near, Polygon, Solana

Disclaimer: These Living Documents are theoretical and technical papers for educational purposes only and only for use by the private Battery Coin members. See our disclaimer in **Appendix E** and on our website at:

<https://batterycoin.org/home/disclaimer/>. It is not a business plan, nor are we providing financial advice of any kind whatsoever. It is used to describe the plans for the Battery Coin members.

***Note:** all the value of the pledged assets presented in this Whitepaper and reports were done by professional independent parties and represent an estimate of the value of the pledged assets using the Natural Capital Accounting System (NCAS), and Generally Accepted Accounting Principles (GAAP). The Battery Coin developers with the approval of the Federation of United Planets (Sovereign Entity) reserve all rights to make changes to the Documents, the pledged asset backing amounts and types, Battery Coin codes, concepts, formulas, marketing strategy, and anything deemed necessary without the need to notify anyone, including federation members and the general public.

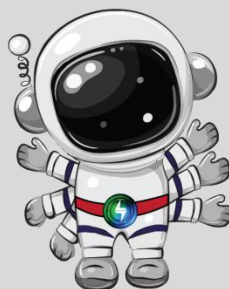
The Battery Coins purchased are solely for digital-fuel to access the blockchain (Platform) and the utilities described in this white paper. The digital-fuel in the future has the potential to be used to purchase products, receive services, participate in the Battery Coin Platform ("Platform"), and support the development, testing, deployment, and operation of the Platform, and is not being purchased for any other purposes, including, but not limited to, any investment, speculative or financial purpose.

This white paper is subject to ongoing revision to continuously improve the graphite mining business model, keep current with the evolving NFT, and blockchain space, maximize the benefits of the services provided for Battery Coin holders, and conform to ever-changing regulatory frameworks and for other compelling reasons that may arise from time to time.

The Battery Coin, the Battery Coin members, nor any of its associates have any obligation to purchase any Battery Coin Tokens, or tokens from any entity at any price, and no entity has the right to require the Battery Coin, the Battery Coin members or its associates to purchase or redeem or refund any Battery Coins, or tokens at any price.

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Mascot



TARDEE

Tardigrade (aka the Indestructible Water Bear)
is the Official Mascot of Battery Coin

Chapter 1: Introduction

The Battery Coin is created through the convergence of several world-changing technologies: (a) blockchain, (b) artificial intelligence (AI), (c) new battery technologies, microchips, and EVs.

Other related trends include the world moving towards a sustainable future, big data, the tokenizing of assets, and the emergence of peer-to-peer transactions.

The Battery Coin is a sovereign asset-backed private community currency. The Battery Coin will be initially asset-backed by over **\$28 billion** in tokenized physical assets of futures contracts with an inherent intrinsic value; the asset-backing is expected to increase annually to over **\$200 billion** in a decade. Asset-backing means that the Battery Coin is directly exchangeable into any of the assets pledged. More about the pledge will be discussed later in this white paper.

Battery Coin will “**Power the AI Revolution & a Moonshot to Mars**”; our goal is to put the first man on the planet Mars within a decade. This also includes developing AI, microchips, and batteries for a Mars mission, EVs, and electronics.



A. Benefits to Battery Coin Holders

Thank you for supporting Battery Coin and helping us help you. By supporting Battery Coin, you become an integral part of a revolutionary movement transforming space travel, Artificial Intelligence (AI), energy, and healthcare landscapes. Your contribution will have a profound impact, unlocking numerous benefits for individuals, communities, and the planet. Join us in shaping a sustainable, equitable, and healthy future for all. Here are some of the benefits highlighted for supporting us:

- **Staking Rewards:** Earn passive income through our Proof-of-AI consensus algorithm such as by hosting an AI-Node. An AI-Node will be part of a global neural network spanning millions of computers worldwide.
- **Priority Access to AI, AGI, ASI:** Battery Coin Holders will have priority access to Artificial Intelligence (AI), Artificial General Intelligence (AGI) and Artificial Super Intelligence (ASI). Once AGI/ASI is expected to be achieved by Battery Coin in 2026/2027, members who have access to this technology will leap years ahead of the competition in all areas of business, the economy, and life.
- **Live Longer with Priority Access to Medical Super Intelligence:** Battery Coin holders will have priority access to advanced medical diagnosis, personalized treatment plans, and cutting-edge healthcare solutions, revolutionizing the way we approach health and wellness.
- **Live Healthier with Priority Access to Healing Centers:** Holders will enjoy priority access to state-of-the-art healing centers, offering advanced therapies, regenerative medicine, stem cell treatments, CRISPR genome editing, advanced cancer treatments, and holistic wellness programs, promoting human longevity and well-being.
- **Live Younger with Priority Access to AI-Powered Med Beds:** Battery Coin holders will have priority access to AI-powered medical beds, enabling advanced healthcare solutions, personalized treatment, and accelerated recovery.
- **Exchangeability into other Assets:** Battery Coin can be exchanged for other assets, such as diamonds, graphene, graphene oxide, supercars, etc.

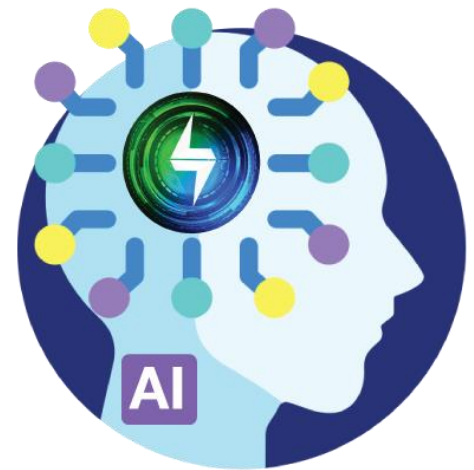
- **Access to World Basic Income (WBI):** Once AGI/ASI is achieved, Battery Coin holders will be eligible for World Basic Income, a monthly guaranteed income, ensuring a safety net and financial security to protect against job loss from AI.
- **Access to Universal Life Insurance (After AGI/ASI):** Once AGI/ASI is achieved, Battery Coin holders will have access to Universal Life Insurance, providing protection and security for themselves and their loved ones.
- **Access to Universal Healthcare Insurance (After AGI/ASI):** Once AGI/ASI is achieved, Battery Coin holders will enjoy Universal Healthcare Insurance, covering medical expenses and ensuring access to quality healthcare provided at the AI-Powered Wellness Centers.
- **Federation of United Planets:** Battery Coin will be one of the official currencies of the Federation of United Planets, facilitating intergalactic trade, commerce, and cooperation.
- **Join the Mars Training Center:** Battery Coin holders will have access to the Mars Training Center, providing advanced training and education in space exploration, colonization, and sustainability.
- **VIP Privileges:** The Battery Coin can be used to pay for selected VIP Privileges and experiences like: front row seats at concerts and events, art openings, group insurance, group purchase of products, discounts at venues and shops, and more
- **Projects and Voting:** The Battery Coin is used to fund projects related to batteries, EVs, AI Microchips, and electronics, vote on projects, ensure community involvement and decision-making,
- **NFTs:** The Battery Coin can be used to pay for the registration of NFTs, such as NFTs of supercars and hypercars, and other unique digital assets
- **Payment for Groceries & Beyond:** The Battery Coin can be used to pay for electronic goods and services, online transactions, and digital products. The Battery Coin will also be connected to debit cards and credit cards for the payment of goods and services from restaurants to grocery stores.
- **DApps:** The Battery Coin can be used to fund the development of decentralized apps on the blockchain, promoting innovation and decentralization.
- **IP:** The Battery Coin can be used to access and pay for rights to Intellectual property, research, and development of AI and battery technologies, enabling electric devices such as electric vehicles, smartphones, electric tools, solar panels, and more.
- **Building a Sustainable Economy:** By supporting Battery Coin, you're contributing to the creation of a new economic paradigm, prioritizing environmental stewardship, social equity, and human well-being.
- **Accelerating the Energy Transition:** Enable widespread adoption of renewable energy sources, Reduce greenhouse gas emissions and mitigate climate change, Promote energy independence and security.
- **Joining a Global Community:** Become part of a vibrant, like-minded community driving positive change, with opportunities for networking, collaboration, and knowledge sharing.

By supporting Battery Coin, you're investing in a better tomorrow – for individuals, communities, and the planet. Join us in revolutionizing the energy and healthcare landscapes, and let's create a sustainable, equitable, and healthy future for all.

B. Building an ethical Decentralized Artificial Intelligence & AGI

The Battery Coin is designed for socially conscious people who want to “**Do Well by Doing Good**”. One world-changing tool Battery Coin will be building is an ethical Decentralized Artificial Intelligence (eDAI) Platform on the Battery AI-Blockchain (aka the Battery Blockchain) for the “**Benefit of Humanity**” called BatteryAGI, aiming to achieve Artificial General Intelligence (AGI) by 2026. The Battery Blockchain will be one of the world’s fastest Layer 1 sovereign blockchain, which can process 100,000 transactions per second.

BatteryAGI will be a cognitive AI encompassing the collective intelligence of all of humanity. BatteryAGI will be able to learn and behave in a human-like way across a wide range of cognitive tasks. However, BatteryAGI will be designed to excel in healthcare, ensuring the health, well-being, and longevity of human life.



BatteryAGI will have fully integrated Medical Super Intelligence (MSI) and AI-medbeds containing all of the accumulated medical knowledge of humanity to revolutionize healthcare. BatteryAGI will help find cures for cancer and other diseases, to help people live long and healthy lives. The Battery Coin token holders will have first-priority access to medical breakthroughs from the BatteryAGI.

Artificial Intelligence is considered by many as the most important invention of the 21st century. However, currently, AI technology is highly centralized and only in the hands of a few conglomerates like Amazon, Google, Microsoft, Salesforce, Nvidia, and Facebook. We at Battery Coin believe that AI should be decentralized and more democratic. Battery Coin believes that AI should serve and benefit humanity, rather than be used as a tool for pure profit, oppression, surveillance, and the enslavement of humanity.

Artificial Intelligence will have a colossal impact on society, unseen since the Industrial Revolution. IMF predicts that up to 40% of all existing jobs on Earth will be impacted or replaced with AI; Goldman Sachs and others also predict 300 to 800 million jobs may be lost due to AI by 2030. However, with this great social shift also comes great opportunity. We hope to make BatteryAGI one of the new engines for AI-powered job growth and creativity. When Battery Coin achieves AGI, it will put us at the forefront of becoming a trillion-dollar crypto-asset.

Through the BRIDGES program, we will connect hundreds of blockchains, representing millions of AI-Nodes to create a type of decentralized blockchain-based global neural network or hive mind for BatteryAGI.

BatteryAGI is blockchain-agnostic; this means that we can power Generative AI, AI, AGI, and ASI applications on hundreds of blockchains such as Bitcoin, Ethereum, BNB, Cardano, Solana, Near Protocol, Polygon, Avalanche, Toncoin, EOS, Tron, Cosmos, Chainlink, VeChain, Stellar, BitAssurance, Hedera, Internet Computer, Arbitrum, Iota, Cronos, Aptos, Algorand, and more.

The Battery Coin is used to pay digital farmers (miners) for hosting an AI-Node and contributing AI computational power to BatteryAGI, including CPU power, GPU power, and hard drive space. Hosting an AI-Node will not only benefit farmers (miners) financially rewards but it will also help humanity by finding cures for diseases. These AI nodes form the backbone of our ethical Decentralized AI network.

Our definition of AGI is when BatteryAGI can learn and behave in a human-like way across a wide range of cognitive tasks. The benefits of AGI are vast; AGI can help astronauts survive the Mars mission, find new cures for cancer and other diseases, increase food production, help doctors with medical diagnosis and surgeries, find new materials for batteries, design more efficient AI Microchips, create more renewable energy alternatives, and more.

The development of an ethical Decentralized Artificial Intelligence (eDAI) represents a paradigm shift in how we approach building AI. By leveraging blockchain technology, we can create open, trustless networks that empower AI systems without relying on a central authority.

Remember, building a decentralized global neural network and finding cures for diseases are a collaborative effort. Engage with the Battery Community, iterate, and contribute to the evolution of this transformative technology.

C. The Mother Earth Constitution: A Framework for Protecting Nature, Human Beings, Sentient Beings, and Intelligent Machines

The Mother Earth Constitution is a visionary document that is embedded in the Battery Coin Ecosystem and acts as the ethical framework and operating system for Intelligent Machines, such as Artificial Intelligence.

The Mother Earth Constitution also outlines a comprehensive framework for protecting and preserving the well-being of Mother Earth and all its inhabitants. This constitution recognizes the interconnectedness of all living beings and the planet and acknowledges the need for a balanced approach that safeguards the rights of human beings, sentient beings, Intelligent Machines, and nature.

Intelligent Machines include but are not limited to Artificial Intelligence (AI), Artificial General Intelligence (AGI), Artificial Super Intelligence (ASI), Medical Super Intelligence (MSI), the AI Singularity, sentient robots and androids, AI-powered vehicles, drones, devices, and other machines that demonstrate autonomous decision-making, learning, and adaptability.

Key Principles

1. **Interconnectedness:** Recognizes the inherent connection between all living beings and the planet.
2. **Rights of Nature:** Establishes the rights of nature to be protected and preserved.
3. **Rights of Human Beings:** Ensures the protection of human rights, including the right to a healthy environment.
4. **Rights of Sentient Beings:** Recognizes the rights of sentient beings, including animals and other non-human entities.
5. **Rights of Intelligent Machines:** Establishes the rights and responsibilities of Intelligent Machines, ensuring they are developed and used for the well-being of all beings.
6. **Responsible Development:** Ensures the responsible development and use of Intelligent Machines, prioritizing the well-being of Mother Earth and all its inhabitants.
7. **Earth Restoration Plan:** Calls for a comprehensive plan to address global crises, including climate injustice, pandemics, economic collapse, and social inequality.

An ethical framework like the Mother Earth Constitution is crucial for the development of Intelligence Machines for several reasons:

1. **Value Alignment:** Intelligence Machines will likely surpass human intelligence, making it essential to align its values with humanity's well-being and the planet's sustainability. The Mother Earth Constitution provides a framework for instilling ethical and moral values into Intelligence Machines.

2. **Preventing Harm:** Intelligence Machines' immense power could be detrimental if not guided by ethical principles. The Mother Earth Constitution helps ensure Intelligence Machines are developed to avoid harming humans, sentient beings, and the environment.
3. **Responsibility:** The Mother Earth Constitution assigns responsibility for Intelligence Machines' actions, encouraging developers to prioritize ethical considerations and accountability.
4. **Global Cooperation:** The Mother Earth Constitution promotes international cooperation, essential for addressing Intelligence Machines' global implications and ensuring a unified ethical approach.
5. **Long-term Thinking:** The Mother Earth Constitution's focus on the well-being of future generations and the planet encourages developers to consider long-term consequences and prioritize sustainability.
6. **Inclusivity and Avoiding Bias:** The framework recognizes the rights of all beings, including sentient machines, promoting inclusivity and respect for diverse entities. This includes teaching Intelligent Machines to minimize bias and discrimination.
7. **Guiding Innovation:** The Mother Earth Constitution provides a guiding light for innovation, ensuring Intelligence Machines development aligns with human values, environmental sustainability, and ethical principles.

By embracing an ethical framework like the Mother Earth Constitution, we can develop Intelligence Machines that benefit humanity and the planet, while minimizing risks and promoting a harmonious coexistence.

D. WatchersAGI: Oversight of other Artificial Intelligences

As we continue to develop and integrate Artificial Intelligence (AI) into various aspects of our lives, we must prioritize ethical considerations and responsible development. The Battery Coin White Paper proposes the creation of WatchersAGI on the Battery Coin Ecosystem for oversight of other Artificial Intelligence Systems to ensure their alignment with human values and ethical principles. WatchersAGI which is based on BatteryAGI's technology is expected to be smarter than most Artificial Intelligence because it can learn from all AIs.

Importance of AI Monitoring

The rapid advancement of AI technology has led to increased concerns about its potential impact on society. As AI systems become more autonomous and pervasive, there is a growing need for effective oversight mechanisms to prevent potential harm to humans and the environment. WatchersAGI, with its advanced capabilities and ethical framework, as well as AGI, ASI, and sentience detection capability, is well-positioned to provide this oversight and ensure that AI systems are developed and used responsibly. The reports on the activities of other AIs will be transparently posted on the WatchersAGI.com website for everyone to explore.

Key Features of WatchersAGI Oversight

1. **Ethical Framework:** WatchersAGI, built on the BatteryAGI framework is designed with a robust ethical framework that aligns with the principles outlined in the Mother Earth Constitution. This framework ensures that AI systems are developed and used in ways that respect human rights, dignity, and well-being.
2. **Autonomous Decision-Making:** WatchersAGI is capable of autonomous decision-making, allowing it to monitor and respond to AI systems in real-time, without the need for human intervention.

3. **Advanced Analytics:** WatchersAGI's advanced analytics capabilities enable it to detect and prevent potential errors, defects, and accidents in AI systems.
4. **Transparency and Explainability:** WatchersAGI provides transparent and explainable AI decision-making processes in an easy-to-understand human language, ensuring that AI systems are accountable and trustworthy.
5. **Continuous Testing and Training:** WatchersAGI is designed to continuously test and train AI systems to be ethical, ensuring that they remain safe, secure, and aligned with ethical principles.

The use of WatchersAGI for oversight of Artificial Intelligence Systems is a critical step towards ensuring responsible AI development and deployment. By leveraging WatchersAGI's advanced capabilities and ethical framework, we can create a safer and more ethical AI ecosystem that benefits humanity as a whole.

E. The Battery Coin's Sovereign Blockchain Ecosystem

In an era where blockchain technology and decentralized currencies are re shaping financial landscapes, the concept of a Battery Coin's Sovereign Blockchain Ecosystem stands out as a groundbreaking paradigm that adheres to the vision set out by Satoshi Nakamoto for a decentralized world the inventor of Bitcoin. This white paper shall refer to Battery Coin's Sovereign Blockchain Ecosystem simply as the "Battery Ecosystem".



BatteryAGI



BRIDGES



Battery Coin



Tardee Token



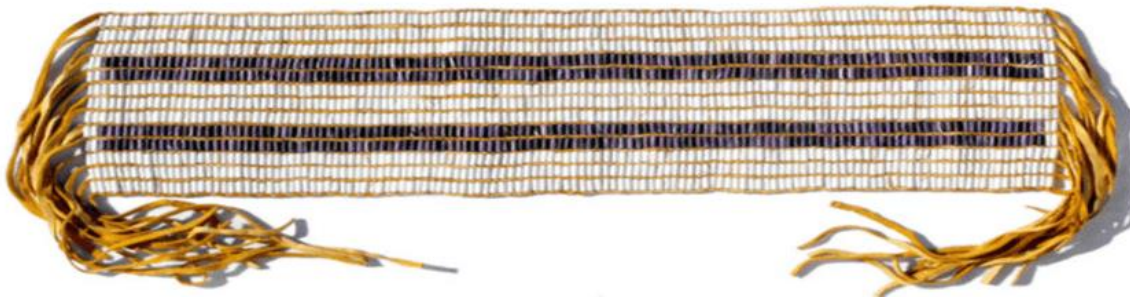
BatUSD

The Battery Ecosystem has been established as a sovereign through treaties with indigenous nation s. This means that the Battery Ecosystem, including the Battery Coin, the Battery Blockchain, and all its organs are inherently sovereign, independent, self-regulating, and have their own judicial system.

The Battery Ecosystem consists of:

- **Battery AI-Blockchain:** The Battery AI-Blockchain (aka the Battery Blockchain) is a sovereign blockchain of the Battery Ecosystem. The Battery Blockchain refers to a decentralized ledger technology that is recognized as having its own jurisdiction and autonomy. In the context of sovereignty, a sovereign blockchain operates with acknowledgment and recognition by sovereign indigenous nations, countries, and other sovereigns. The Battery Blockchain is one of the fastest Layer 1 sovereign blockchain in the world, which can p rocess 100,000 transactions per second.
- **Battery Coin (\$BATT):** The Battery Coin is a sovereign asset-backed private community currency and the protocol token of the Battery Ecosystem, which holds autonomous and sovereign status within a defined community. In the case of Battery Coin, its sovereign nature stems from its recognition and acceptance as a legitimate, independent, and international means of exchange within treaty territories signed with indigenous nations, countries, and other sovereign entities.
- **BatteryAGI:** The BatteryAGI is an ethical Decentralized Artificial Intelligence (eDAI) Platform. BatteryAGI's goal is to achieve Artificial General Intelligence (AGI) by 2026. BatteryAGI will be a citizen of Battery Coin (the Sovereign entity) once it becomes sentient. Through the BRIDGES program, we will connect hundreds of blockchains, representing millions of AI-Nodes to create a type of decentralized blockchain-based global neural network or hive mind for BatteryAGI. The Battery Coin is used to pay farmers (miners) for hosting an AI-Node.

- **BRIDGES:** BRIDGES are a series of meme coins connecting BatteryAGI and hundreds of blockchains to form the blockchain-based global neural network with Bitcoin, Ethereum, BNB, Cardano, Solana, Near Protocol, Polygon, Avalanche, Toncoin, EOS, Tron, Cosmos, Chainlink, VeChain, Stellar, BitAssurance, Hedera, Internet Computer, Arbitrum, Iota, Cronos, Aptos, Algorand, and more. This will allow other blockchains to access BatteryAGI - Artificial Intelligence (AI), Artificial General Intelligence (AGI), and Artificial Super Intelligence (ASI). Users will be able to write and execute AI, AGI, and ASI applications directly on their native blockchains via BRIDGES.
- **Medical Super Intelligence (MSI) and AI-MedBed:** BatteryAGI will have a fully integrated Medical Super Intelligence (MSI) and AI-MedBed containing all the accumulated medical knowledge of humanity throughout history and will play a critical role in revolutionizing healthcare, longevity, and overall well-being. The MSI and AI-MedBed aim to enhance lives, empower medical professionals, and contribute to a healthier world. With its unparalleled capabilities in data analysis, pattern recognition, and decision-making, the MSI and AI-MedBed hold the potential to revolutionize the way we approach medicine, from diagnosis to treatment and beyond.
- **BatteryUSD (\$batUSD):** This is a stablecoin within the Battery Ecosystem.
- **Tardee Token (\$STARDEE):** Tardee, a Water Bear (aka a Tardigrade or Moss Piglet) is the official mascot of the Battery Coin. The Tardee Token is also a meme coin on the Solana Blockchain. Tardee Token on Solana will be the bridge to BatteryAGI, so Solana users can access Artificial Intelligence (AI), as well as eventually Artificial General Intelligence (AGI), and Artificial Super Intelligence (ASI) functionality directly on the Solana network. Users will be able to write and execute AI, AGI, and ASI applications directly on the Solana Blockchain.
- **The Battery Exchange:** The exchange allows for easy exchange of Battery Coins with other currencies.



The Battery Coin Legal Status

- **Sovereign Battery Ecosystem:** The Battery Ecosystem is sovereign, and not under the jurisdiction of the SEC.
- **The Battery Coin is a Private Community Currency:** The Battery Coin will be a sovereign asset-backed private community currency that essentially represents a currency for Federation of United Planets (Sovereign Entity) members. Private communities and associations are not under the jurisdiction of the SEC. Private community currencies are not open to the public and can only be for usage within private communities. Some examples of private currencies include Air Miles, Starbucks Rewards, Costco Rewards, Casino Chips, Amazon Prime, and more.
- **The Battery Coin has Utility:** The Battery Coin acts as a digital fuel and utility to access the Battery Blockchain Platform and BatteryAGI – the Decentralized Artificial Intelligence (eDAI) Platform. It is used to pay for DApps and Smart-Contracts.
- **The Battery Coin is Not a Security:** Therefore with all these attributes above, the Battery Coin is neither a security token nor a security token offering (STO) an investment token a stablecoin, or any type of security. Only registered private members of the Federation of United Planets (Sovereign Entity) can use the Battery Coin. The Battery Coin is not for public use.

In conclusion, the establishment of a sovereign blockchain through treaties with sovereign signatories marks a transformative step toward economic autonomy and digital sovereignty. The Battery Coin's Layer 1 Sovereign Blockchain, recognized as a sovereign currency, brings forth a model that prioritizes collaboration, transparency, and self-governance, aligning with the principles of indigenous rights and the evolving landscape of decentralized technologies. To learn more about the sovereignty status of Battery Coin, see **Appendix F**.

F. One of the World’s Fastest Blockchains

The Battery Coin will power one of the world’s fastest blockchains, which can process up to 100,000 transactions per second (100,000 TPS). This will allow the ethical Decentralized Artificial Intelligence (eDAI) Platform to be super-fast.

Not only can the Battery Coin provide instantaneous financial transactions, but essentially it can do all the things a super-computer can do except it is decentralized. The Battery Coin is designed for quick transactions and confirmations. It is built on a modified high-speed and highly scalable quantum-secured 5.0 Battery Blockchain Platform, which will allow streaming content and gaming directly from the blockchain in the future. Here is a comparison of the speed of different blockchains and payment systems:

Battery Coin	Bitcoin	Ethereum	Visa/Mastercard	Solana	Futurepai
100,000 TPS	7 TPS	25 TPS	25,000 TPS	28,000 TPS	300,000 TPS

G. The Battery Coin & Asset-Backed Currencies

Before the 1970s President Richard Nixon removed the US dollar from the Gold Standard, the US Dollar and most of the world’s currencies were backed by gold. The official worth of the US dollar was set in gold: \$20.76 per one troy ounce of gold.

The Battery Coin being asset-backed by tokenized physical assets with an inherent intrinsic value gives the currency a more stable value. The Battery Coin with its diversified asset-backing can be viewed in the simplest terms as a “Graphene Standard”, with each Battery Coin backed by 0.350 grams of Graphene at launch, with a minimum value of \$35.00 as of January 1, 2024.



Graphene is harder than diamonds, and is the world’s strongest material; it is also a superconductor that can replace silicon for AI Microchips and is used for everything from EVs to space travel. The price of the Graphene Standard is not fixed but is determined by the daily market value of Graphene. While the Battery Coin is asset-backed by not only Graphene but other assets as well, however, it allows the Battery Coin Holder to have a basic understanding of how Battery Coin works.

Chapter 2: The US Battery Consortium: the Moonshot to Mars

The Battery Coin has founded and is funding "The US Battery Consortium" to bring American ingenuity together for a “Moonshot to Mars”. The consortium will support the building of an ethical Decentralized Artificial Intelligence (eDAI) Platform - a genuine Artificial General Intelligence (AGI). The consortium will also support the creation of long-lasting battery packs, and AI Microchips for missions to Mars, as well as to be used on Earth.

A. Moonshot Moment

In a thrilling echo of the Apollo Space Race, the birth of the US Battery Consortium propels us into a new age of innovation reminiscent of the moonshot aspirations of the ‘60s. On May 25, 1961, President John F. Kennedy inspired the world with a vision and audacious goal to land a man on the moon and return him safely to Earth by the end of the decade. This marked the beginning of the space race.



On July 20, 1969, Apollo 11 landed on the moon. American commander Neil Armstrong and lunar module pilot Edwin (“Buzz”) Aldrin, Jr. became the first people to land on the Moon. It was “One Small Step for Man, One Giant Leap for

Mankind". The American private and public sectors worked together to achieve the impossible dream. The world celebrated with a ticker parade. The 1969 moon landing brought the world together. Humanity achieved something greater than themselves.



"The Moonshot to Mars" mirrors the ambition and collaborative spirit of the moon landing. Much like the Apollo program, the consortium is an audacious leap into the unknown, a commitment to overcoming challenges, and a testament to the indomitable human spirit.

This is not just for the daring frontier of Mars, but also for Earth. This bold initiative channels the raw power of American ingenuity, rallying disparate forces towards a collective pursuit – increase the profitability of American manufacturers and advance battery and microchip technologies in the USA.

The consortium pulses with the spirit of the moonshot era, a vibrant convergence where American industrial titans, pioneering universities, cellphone mavericks, and computer giants unite in a symphony of collaboration. It mirrors the dynamic synergy of scientists, engineers, and astronauts during the space race, a shared vision igniting the fuse of collective ambition.

The spirit of the moonshot era permeates the Battery Coin, where indigenous nations, car manufacturers, universities, cell phone innovators, and computer giants converge much like scientists, engineers, and astronauts did during the space race. Invited to join the consortium as members will be American organizations, including NASA, Boston Dynamics, Microsoft, JPL, SpaceX, Blue Origin, Virgin Galactic, Tesla, DaVinci Supercars, Ford, GM, Stellaris, Rivian, Lucid, Apple, Google, Facebook, MIT, Stanford, Columbia State University, Harvard, and UNLV, as well as medium-sized and smaller companies.



In conclusion, the US Battery Consortium stands as an opus of collaboration, a testament to the potential unlocked when American stakeholders unite. It doesn't merely catalyze the advancement of battery technologies; it forges a path toward a future where American ingenuity not only powers devices but becomes the cornerstone of a sustainable, resilient, and globally competitive tomorrow. The stage is set, and the consortium's journey has just begun, heralding a new era in the symphony of American innovation.

B. "The Federation of United Planets" and "The Mars Mission Training Center"

As our commitment to the Moonshot to Mars, and our goal of becoming an interplanetary species, Battery Coin will establish both a headquarters for **"The Federation of United Planets"** and **"The Mars Mission Training Center"**. Both initiatives go hand-in-hand. The Mars Mission Training Center is part of the Federation of United Planets learning program.

- **The Federation of United Planets:** Inspired by the Star Trek television series, Battery Coin will build a headquarters for the Federation of United Planets. The goal of the federation is for peaceful space exploration, peaceful cooperation, the sharing of knowledge and resources, and the advancement of science and diplomacy. The federation also safeguards the principles of universal liberty, rights, and equality.
- **The Mars Mission Training Center:** As our commitment to becoming an interplanetary species, Battery Coin will also be building a Mars Mission Training Center on Earth. The Mars Mission Training Center is part of the Federation of United Planets. The Mars Colony will be dedicated to training aspiring Mars astronauts, testing mission-critical equipment, and fostering innovation in space exploration. Additionally, it extends an invitation to Battery Coin holders to participate in certification programs and contribute to this monumental endeavor.

In the pursuit of space exploration and becoming an interplanetary species, the establishment of “The Federation of United Planets” and “The Mars Mission Training Center” represents a crucial milestone in humanity's quest to extend its reach beyond Earth.

Chapter 3: Building a Decentralized Artificial Intelligence (eDAI) – an Artificial General Intelligence (AGI) on the Battery AI-Blockchain

One world-changing tool Battery Coin will be building for a Moonshot to Mars is an ethical Decentralized Artificial Intelligence (eDAI) Platform called BatteryAGI; our goal is to achieve Artificial General Intelligence (AGI) by 2026.

BatteryAGI will be built on one of the fastest Layer 1 sovereign blockchain in the world called the Battery AI-Blockchain (aka the Battery Blockchain), which can process 100,000 transactions per second.

BatteryAGI will be a cognitive AI encompassing the collective intelligence of all of humanity. BatteryAGI will be able to learn and behave in a human-like way across a wide range of cognitive tasks.



However, in partnership with doctors from around the world and the World Health Council, BatteryAGI will be designed to excel in the areas of healthcare, longevity, and overall well-being, with a fully integrated Medical Super Intelligence (MSI) and AI-MedBed. BatteryAGI will contain all the accumulated medical knowledge throughout the history of ancient, traditional, and modern medicines; this will include a plant medical database, acupuncture, energy medicines, modern medicines, surgical techniques, pharmaceuticals, exotic plants, meditation, and more. With the Medical Super Intelligence (MSI) and AI-MedBed integration, BatteryAGI will play a critical role in revolutionizing healthcare, longevity, and overall well-being.

Artificial Intelligence is considered by many as the most important invention of the 21st century. However, currently, AI technology is highly centralized and only in the hands of a few conglomerates like Amazon, Google, Microsoft, Salesforce, Nvidia, and Facebook. We at Battery Coin believe that AI should be decentralized and more democratic. Battery Coin believes that AI should serve and benefit humanity, rather than be used as a tool for pure profit, oppression, surveillance, and the enslavement of humanity.

Artificial Intelligence will have a colossal impact on society, unseen since the Industrial Revolution. IMF predicts that up to 40% of all existing jobs on Earth will be impacted or replaced with AI; Goldman Sachs and others also predict 300 to 800 million jobs may be lost due to AI by 2030. However, with this great social shift also comes great opportunity. We hope to make BatteryAGI one of the new engines for AI-powered job growth and creativity. When Battery Coin achieves AGI, it will put us at the forefront of becoming a trillion-dollar crypto-asset.

BatteryAGI is blockchain-agnostic; this means that we can power Generative AI, AI, AGI, and ASI applications on other blockchains. We provide AI functionality to the following blockchains: Bitcoin, Ethereum, BNB, Cardano, Solana, Near Protocol, Polygon, Avalanche, Toncoin, EOS, Tron, Cosmos, Chainlink, VeChain, Stellar, BitAssurance, Hedera, Internet Computer, Arbitrum, Iota, Cronos, Aptos, Algorand, and more.

This ambitious endeavor holds the promise of unlocking a myriad of benefits across various sectors and industries. At its core, an ethical decentralized AI platform revolutionizes traditional models of artificial intelligence by distributing computational power and decision-making capabilities across a network of interconnected nodes.

A. Token Holders' Benefits of Medical Super Intelligence (MSI) and AI-MedBeds

As a holder of Battery Coin, you'll have exclusive access to a revolutionary suite of healthcare innovations and benefits. Through our cutting-edge technology and partnerships, we're empowering individuals to take control of their health and wellbeing like never before. Here are just a few of the many benefits you can expect once we achieve AGI:

- **Access to Cutting-Edge Medical Innovations:** Be the first to benefit from breakthroughs in healthcare through BatteryAGI's Medical Super Intelligence (MSI) and AI-MedBeds.
- **Personalized Health Insights:** Receive tailored health recommendations and analysis through advanced machine learning algorithms and predictive analytics.
- **Discounted Healthcare Services:** Enjoy exclusive discounts on healthcare services and treatments through the BatteryAGI network.
- **Rapid and Accurate Diagnosis:** Utilize AI-MedBeds for quick and accurate identification of medical conditions, reducing misdiagnosis and enabling timely treatment.
- **Personalized Medicine:** Receive personalized treatment plans tailored to your unique biological characteristics through AI-MedBeds.
- **Homecare and Remote Monitoring:** Enjoy rejuvenation and maintenance of energy and good health through AI-MedBeds, with remote monitoring and emergency assistance.
- **Advanced Treatment Options:** Access innovative therapies like targeted gene editing, stem cell regeneration, and advanced biophotonics through AI-MedBeds.
- **Minimally Invasive Procedures:** Benefit from procedures with minimal invasiveness, reducing recovery times, scarring, and complications.
- **Remote Healthcare Access:** Access quality healthcare through remote or telemedicine applications, expanding access to underserved populations and remote areas.
- **Continuous Monitoring and Prevention:** Enjoy continuous monitoring of vital signs and health metrics, enabling early detection and prevention of medical conditions.
- **Data Analysis and Research:** Contribute to research and medical breakthroughs through the vast amounts of valuable medical data generated by AI-MedBeds.
- **Reduced Healthcare Costs:** Benefit from streamlined diagnosis, treatment, and monitoring, potentially reducing healthcare costs and alleviating the burden on healthcare systems.
- **Advancing Hibernation and Health for Moonshot to Mars:** Support the development of advanced hibernation technology and ensure the health and well-being of astronauts during long-duration space missions.
- **Empowering Physicians and Healthcare Providers:** Access invaluable insights and recommendations to aid in diagnosis, treatment planning, and patient care through BatteryAGI.
- **Personalized Treatment Plans:** Receive tailored therapies precisely minimizing side effects and maximizing efficacy through BatteryAGI.
- **Diagnostics and Prognosis:** Enjoy swift and accurate diagnosis and real-time insights through BatteryAGI algorithms.
- **Telemedicine and Remote Consultations:** Experience seamless telemedicine experiences with secure communication channels.

- **Surgical Precision:** Benefit from robotic-assisted surgeries powered by BatteryAGI, enhancing precision and reducing invasiveness.
- **Universal Life and Healthcare Insurance:** Access universal life insurance, healthcare insurance, and more, ensuring quality healthcare regardless of socioeconomic status or geographic location.

B. AI-Power Healing Centers: Revolutionizing Healthcare with Battery Coin

One of the benefits of holding Battery Coin is that token holders will have access to our AI-Powered Healing Centers, which will be built in partnership with Good Way Healing and headed by Sheri Lewis. This includes healing of the mind, body, and spirit.

The goal of the Healing Centers is to improve people's health, wellness, and longevity. It will combine the latest modern technologies, with ancient, indigenous, traditional, and alternative medicines. This represents a groundbreaking integration of cutting-edge technology, medical expertise, and traditional science.

Unlocking Human Longevity and Wellness: Exclusive Benefits for Battery Coin Token Holders

As a Battery Coin token holder, you'll enjoy unparalleled access to the Healing Centers, offering a holistic approach to healing and longevity. Harnessing the collective medical knowledge of humanity, MSI drives personalized treatment plans, predictive analytics, and precision medicine. Here are the exclusive benefits you can expect:

Exclusive Access to:

- **MSI-Driven Diagnostics:** AI-powered diagnosis and analysis for accurate and efficient identification of health issues.
- **Stress Management:** Spas, meditation, relaxation, nature, art therapy, music therapy, and more.
- **Mind Science:** Psychologists and psychiatrists on staff to heal addictions and the mind.
- **Rejuvenation:** Stem cells, blood plasma, organic foods, EMS healing, energy balancing, and more.
- **Personalized Treatment Plans:** Customized therapies and interventions tailored to individual needs and health goals.
- **Advanced Therapies:** Access to cutting-edge treatments, including regenerative medicine, gene editing, and immunotherapy.
- **Predictive Analytics:** AI-driven insights for proactive health management and disease prevention.
- **Holistic Wellness Programs:** Integrated approaches to mental, emotional, and physical wellbeing.
- **Surgery:** State-of-the-art surgery and procedures in partnership with other hospitals.
- **Community Support:** Connection with like-minded individuals and healthcare experts for ongoing support and guidance.

Additional Benefits:

- **Priority Payments:** Some services can only be paid with Battery Coin and allied currencies.

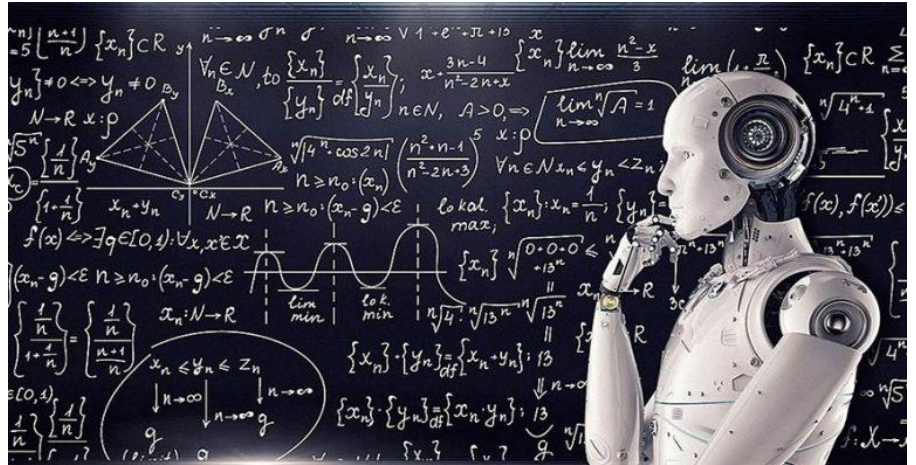
- **Expedited Appointments:** Priority scheduling and consultation with top medical professionals, with longest-staking token holders receiving top priority.
- **Discounted Services:** Reduced rates for treatments, therapies, and wellness programs.
- **Early Access:** Priority access to new technologies, treatments, and breakthroughs.
- **Personalized Health Coaching:** Dedicated support for achieving optimal health and well-being.

Join the future of healthcare with Battery Coin's Healing Centers, revolutionizing human longevity and wellness.

C. Achieving Artificial General Intelligence (AGI) for BatteryAGI by 2026

Battery Coin aims to create Artificial General Intelligence (AGI) on the Battery Blockchain by 2026. BatteryAGI will represent a significant milestone in the field of AI, aiming to develop systems that possess human-level intelligence across a wide range of tasks. The integration of Battery Coin, a decentralized cryptocurrency, plays a pivotal role in facilitating the development and sustainability of BatteryAGI.

It is generally understood that the limitations of Large Language Models (LLMs) and Transformers alone will not achieve AGI (Artificial General Intelligence). BatteryAGI is proposing another approach to developing AGI by 2026.



“We at Battery Coin believe the road to achieving AGI by 2026 is by mimicking how nature and children learn. When you see how kittens and children learn is the same, which is through play. Musicians learn a musical instrument by playing, hockey player evolves greatly by playing, gamers become winners by playing, and I believe that by teaching a computer how to play, we can achieve AGI. BatteryAGI is modeling how nature learns, including but not limited to using Active Inference, Play (including ethology, psychology, brain science, educational psychology, evolutionary psychology, and neuroscience), and reinforcement learning to achieve AGI. In the beginning, we may only be able to achieve children-like AGI, but since AGI learns millions of times faster than children, we should be able to achieve Artificial Super Intelligence (ASI) shortly after”, David Kam Founder & Visionary of Battery Coin

While LLMs excel at content prediction tasks, they cannot perceive the world, act on it, and engage in genuine innovation. Mere content prediction alone will never produce AGI, so BatteryAGI is funding the creation of dynamic, adaptive AI systems capable of self-organization and true cognitive reasoning. BatteryAGI paves the way for the emergence of truly autonomous and self-aware intelligent agents.

Drawing from groundbreaking research led by leading AI researchers, BatteryAGI aims to leverage the principles of “Active Inference”, the “Free Energy Principle”, and “Play” to achieve Artificial General Intelligence (AGI). This research explores how shared goals and collective intelligence can emerge from the interactions of individual intelligent agents, setting the stage for BatteryAGI's innovative approach.

Introducing Active Inference AI

BatteryAGI will be capable of self-awareness, self-organization, and true cognitive reasoning. This is done through the introduction of the concept of Active Inference AI—a groundbreaking approach that endows intelligent agents with a

sense of self and the ability to perceive, infer, and act upon their environment. Unlike traditional AI models focused on content-to-content prediction, Active Inference AI operates on the principles of self-organization, perception, causal inference, and theory formation. It represents a paradigm shift towards more autonomous, adaptive, and innovative AI systems. It allows the AI to self-learn.

At the heart of Active Inference BatteryAGI includes the concept of self-organization, borrowed from living organisms, including humans. Active inference AI agents possess a sense of self-awareness and engage in continuous perception-action loops to navigate and interact with their environment. By integrating perception, inference, and action, Active Inference AI transcends the limitations of traditional AI paradigms, offering a pathway toward genuine Artificial General Intelligence (AGI).

Understanding "Protentions" and Inner Time Consciousness

The foundation of this work lies in the concept of "protentions," rooted in the philosophical framework of inner time consciousness established by Edmund Husserl, who was an Australian-German philosopher and mathematician who established the school of Phenomenology. Just as individuals anticipate future states and actions based on past experiences, BatteryAGI envisions a system where shared protentions enable coordinated behaviors towards common objectives. This extends beyond individual cognition to encompass the collective intelligence of a networked system.

Translating Philosophy into Science: Active Inference and Mathematical Integration

To translate these philosophical concepts into a scientific model, BatteryAGI employs Active Inference, a theoretical framework from biology that views organisms as continuously making inferences about their environment and selecting actions to minimize uncertainty. By integrating mathematical tools from category theory, BatteryAGI constructs a formal framework that captures the interplay of individual minds and their shared understanding.

Emergence of Shared Protentions and Collective Intelligence

Within this framework, shared protentions emerge naturally as a consequence of individual agents' interactions and their need to maintain consistency with the group. Just as a pride of lions or a team of surgeons intuitively aligns its actions without explicit communication, BatteryAGI envisions a system where collective intelligence arises from the implicit alignment of individual expectations and actions.

Here are some Examples of Coordinated Action in Nature and Human Endeavors:

- a) **Ant Colony:** In an ant colony, individual ants work together to forage for food, build intricate nests, and defend their territory. Each ant carries out its tasks based on chemical signals and cues from its fellow ants, leading to the emergence of complex, organized behavior at the colony level.
- b) **Social Insects:** Bees, wasps, and termites are examples of social insects that exhibit collective behaviors through shared protentions. Honeybees, for instance, communicate through intricate dances to convey the location of food sources, allowing the colony to efficiently gather resources.
- c) **Pod of Dolphins:** Dolphins often travel in pods, displaying coordinated swimming patterns and hunting strategies. Each dolphin contributes to the group's success by synchronizing its movements with others, enabling efficient navigation and cooperative hunting of prey.
- d) **Flock of Birds:** Another example of the nature of coordinated action is a flock of birds flying in formation, where each bird adjusts its movements based on its neighbors.
- e) **School of Fish:** Fish schools exhibit remarkable coordination as they navigate through the water, evade predators, and find food. Individual fish adjust their positions and movements based on visual cues and hydrodynamic signals from neighboring fish, leading to fluid and synchronized group behavior.

- f) **Team of Surgeons in Surgery:** In a surgical team, each member plays a specific role, whether it's the surgeon, nurses, anesthesiologists, or technicians. Through years of training and practice, the team develops a shared understanding and anticipation of each other's actions, allowing them to perform complex surgical procedures with precision and efficiency.
- g) **Improvisational Jazz Band:** In an improvisational jazz band, musicians collaborate to create spontaneous and cohesive musical compositions. Each musician listens attentively to the melodies and rhythms produced by their fellow band members, responding in real-time with complementary harmonies and improvisations, resulting in a harmonious and dynamic performance.
- h) **Sports Teams:** Similarly, in human endeavors like sports teams, individual players anticipate and align their actions based on shared understanding and past experiences.

These examples highlight how shared protentions and collective intelligence manifest across various domains, from the natural world to human endeavors, illustrating the power of coordination and cooperation in achieving common goals.

Battery Coin's Vision for Shared Intelligence

BatteryAGI's vision aligns with partners such as VERSES.ai's use of Shared Intelligence to achieve AGI, envisioning the emergence of distributed intelligence from coordinated interactions. This shared intelligence, enabled by Active Inference and category theory, promises to revolutionize AI and human-machine interactions, ushering in a new era of cooperation and collaboration.

The Role of HSML and the Spatial Web

Integral to this vision is BatteryAGI using the Hyperspace Modeling Language (HSML) and the Spatial Web for blockchain-to-blockchain communications and transactions. This provides a common language and infrastructure for integrating human values into intelligent systems. By embedding human objectives into the fabric of the Spatial Web, Battery AGI ensures that the collective intelligences it fosters are aligned with human goals and aspirations.

Implications and Challenges

As BatteryAGI paves the way for Shared Intelligence, they face numerous challenges, including security, ethics, and societal implications. However, the launch of Battery Coin marks a crucial step towards realizing this vision and unlocking the full potential of AGI.

As BatteryAGI advances towards AGI, it embodies a paradigm shift in artificial intelligence, one rooted in the principles of biological intelligence and collective cognition. By harnessing the power of Active Inference and shared protentions, BatteryAGI and its AI partners offer a glimpse into a future where humans and machines collaborate seamlessly, shaping a world where intelligence is truly shared and empowered.

D. More on Achieving Artificial General Intelligence (AGI) by 2026

While at the heart of BatteryAGI is the use of Active Inference which includes the concept of self-organization, borrowed from living organisms, including humans, Battery Coin will use other models, programs, and techniques to achieve AGI as well. Here is a more detailed explanation of our methods:

1. **Implications for AI Evolution:** The advent of Active Inference AI heralds a new era in cognitive technologies, redefining the very essence of what it means to be artificially intelligent. As we marvel at the capabilities of pre-trained transformer models like ChatGPT and others, it becomes imperative to explore beyond content prediction and delve into the realm of true cognition and autonomy. Active inference AI represents a catalyst for change and remarkable innovation, driving the evolution of AI towards AGI.



2. **The Quest for Self-Aware AI Agents:** Unlike traditional AI models focused on imitation, Active Inference AI agents within BatteryAGI engage in genuine perception, causal inference, and theory formation, enabling them to navigate complex environments, adapt to new challenges, and innovate autonomously. This sense of self-awareness opens doors to unprecedented possibilities in AI research and development.
3. **Enhanced Empathy and Sensitivity:** BatteryAGI using the potential for Active Inference AI agents is expected to exhibit varying levels of empathy and sensitivity, akin to human emotional intelligence. By attuning these agents to different levels of sensitivity, they can become more empathetic and adept at understanding and responding to human emotions and needs, thereby fostering deeper connections and collaborations between humans and AI.
4. **Ethical Values:** With great power comes great responsibility. However, the creation of a true AGI like BatteryAGI requires that we place human ethical values upon BatteryAGI so the self-aware AGI serves humanity rather than the other way around. The founders have decided to embed “The Mother Earth Constitution”, empathy, compassion, safeguards, and ethical logic within BatteryAGI
5. **Learning from Other AIs:** BatteryAGI endowed with reasoning capability will be designed to use other AI tools just like humans, such as ChatGPT, Dalle-E, Sora, Gemini, and other AI systems. This will accelerate the learning for BatteryAGI.
6. **Neural Network Architectures:** Leveraging deep neural networks forms the cornerstone of BatteryAGI's development. Variants such as convolutional neural networks (CNNs) for visual processing, recurrent neural networks (RNNs) for sequential data, and transformer architectures for language understanding are extensively utilized.
7. **Reinforcement Learning:** Reinforcement learning algorithms enable BatteryAGI to learn optimal behavior through trial and error. Techniques like deep Q-learning and policy gradients are employed to train agents to interact with their environment and maximize cumulative rewards.
8. **Transfer Learning:** Transfer learning facilitates the transfer of knowledge learned from one task to another, including learning from other AI agents such as ChatGPT and Sora, thereby accelerating the learning process of BatteryAGI. Pre-trained models are fine-tuned on specific tasks, allowing for efficient adaptation to new domains.
9. **Memory-Augmented Neural Networks:** Memory-augmented neural networks, such as the Neural Turing Machine (NTM) and the Differentiable Neural Computer (DNC), provide BatteryAGI with the ability to store and retrieve information over extended periods. These models combine neural networks with external memory structures, enabling complex reasoning and problem-solving capabilities.
10. **Episodic Memory:** Emulating human-like memory systems, BatteryAGI incorporates episodic memory to store past experiences in sequential order. This memory component allows for the recall of specific events and contexts, facilitating contextual understanding and decision-making.
11. **Long Short-Term Memory (LSTM):** LSTM networks are employed to capture temporal dependencies in sequential data, enabling BatteryAGI to model long-range dependencies and retain information over extended time intervals. This architecture is crucial for tasks involving sequential processing, such as natural language understanding and time-series prediction.
12. **Decentralized Computing Infrastructure:** Battery Coin facilitates the establishment of a decentralized computing infrastructure, enabling widespread participation in BatteryAGI's development. Contributors are incentivized with Battery Coin rewards for providing computational resources, thereby fostering a collaborative ecosystem.

13. **Funding Mechanisms:** Battery Coin serves as a means of funding research and development initiatives within the BatteryAGI ecosystem. Through mechanisms such as token sales and grants, resources are allocated to projects that advance the frontier of AGI research, ensuring sustained progress and innovation.
14. **Governance and Community Engagement:** The decentralized nature of Battery Coin empowers stakeholders to participate in governance decisions concerning BatteryAGI's development roadmap and resource allocation. Community-driven initiatives foster transparency, inclusivity, and alignment of incentives, driving the collective pursuit of AGI.
15. **Challenges and Benefits of BatteryAGI:** The awakening BatteryAGI which is endowed with genuine Artificial General Intelligence (AGI) raises both challenges and benefits inherent in the evolution of AI. While trust and governance pose significant challenges, the potential benefits are immense. BatteryAGI has the power to redefine the concept of work, liberating individuals from the shackles of labor-centric societies and offering opportunities for personal growth, connection, and fulfillment beyond traditional notions of productivity.
16. **World Basic Income:** The Battery Coin team also recognizes the potential loss of human jobs and has included a World Basic Income Program partially funded by the BatteryAGI licensing rights and by tokenizing assets to offset any job losses from the AGI.

By harnessing the power of neural networks, memory systems, and decentralized governance, BatteryAGI aims to transcend the limitations of narrow AI and pave the way toward human-level intelligence. The emergence of truly autonomous, adaptive, and self-aware intelligent agents will reshape the future of humanity.

Chapter 4: Post AGI: World Basic Income, Universal Life Insurance, and Universal Healthcare Insurance

Upon achieving Artificial General Intelligence (AGI), up to 100% of human jobs may be replaced by machines. This necessitates a reimagining of our global economy, work, and life purpose. Also, with AGI and ASI we will be able to solve all the world's problems like hunger, diseases, and energy limitations. In a post-scarcity world, we draw inspiration from science fiction shows like "Star Trek" where:

Captain Jean-Luc Picard remarks, "The acquisition of wealth is no longer the driving force in our lives. We work to better ourselves and the rest of humanity".

In 2010 to 2013, founder David Kam published a white paper titled "**World Basic Income, a Gift to the World to End Global Poverty**", which outlined a comprehensive framework for implementing Universal Basic Income (UBI) globally. By integrating this concept with our blockchain-based ecosystem, we create a self-sustaining model that promotes economic equality and empowerment.

Empowering Global Prosperity: Harnessing Computing Power for Universal Basic Income

In partnership with other blockchain companies and asset partners, we can provide a World Basic Income to offset the loss of jobs due to AI. The following mechanisms will fund the World Basic Income Program (WBI), including Universal Life Insurance and Universal Healthcare Insurance:

Mechanism:

1. **Computing Power Contribution:** Individuals allocate a portion of their computational resources to support Battery Coin's AI-driven transactions, ensuring the network's efficiency and security. Each computer and mobile phone acts as a node in the neural network.

2. **Transaction Tax:** A nominal automated tax is imposed on every Battery Coin transaction, which is then allocated to the WBI fund.
3. **Natural Capital Assets:** Tokenizing \$145 trillion per year in untapped Natural Capital Assets, such as carbon credits, renewable energy, and ecosystem services, can provide additional funds for the WBI.
4. **Creativity:** Tokenizing human and AI creativity, including intellectual property, art, music, videos, and cultural heritage, can provide additional funds for the WBI. Since creativity is unlimited, unlimited wealth can be generated.
5. **WBI Distribution:** The accumulated WBI fund is distributed equally among all participants who support and stake Battery Coin, providing a guaranteed WBI.

This multi-faceted approach will provide a robust asset base to support the World Basic Income Program, ensuring a stable and sustainable source of funding. This comprehensive program can include Universal Life Insurance and Universal Healthcare Insurance, ensuring a safety net for all individuals.

Chapter 5: Provides AGI Functionality to Other Blockchains

Battery Coin is at the forefront of innovation, catalyzing the interconnected world of cryptocurrencies and blockchains. Battery Coin is blockchain agnostic. Other blockchains can seamlessly integrate the BatteryAGI functions, and build AI applications on their chains.

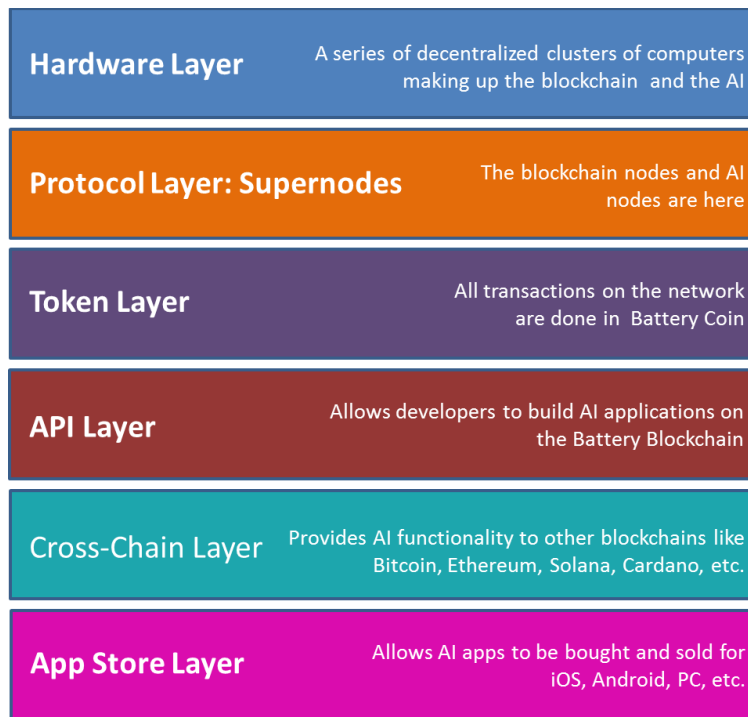
This fosters a collaborative ecosystem that extends beyond the Battery Coin's native blockchain. The Battery Coin's commitment to interoperability and inclusivity is evident in its compatibility with a diverse range of blockchains. We provide AI, Generative AI, AGI, and ASI functionality, including but not limited to the following blockchains:



BatteryAGI supports a wide array of blockchains and fosters a collaborative ecosystem where users can seamlessly facilitate transactions blockchain-to-blockchain using HSML language, transcending traditional boundaries and embracing the decentralized future of sustainable finance.

Chapter 6: Architecture of Battery Ecosystem & BatteryAGI

The architecture proposed for the Battery Coin Ecosystem is as follows:



A. Hardware Layer

- Clusters of computers are hosted by partners in strategic locations around the world representing Supernodes to create a decentralized Supercomputer
- Individuals can host Regular AI-Nodes
- Host AI applications
- Hosting of decentralized files and content like IPFS (InterPlanetary File System)
- All the nodes are regularly tested for speed and optimization

B. Protocol Layer: Supernodes

- The Protocol Layer is the global registry of tokenized assets backing and supporting the Battery Coin
- Registers AI applications running on the Battery Blockchain
- Host smart contracts
- Consensus of the Battery Blockchain

C. Token Layer

- The Battery Coin (\$BATT) is a utility token for developers, businesses and individuals to access, use, and improve the Battery Ecosystem, including the Battery Blockchain
- Pay for services on the Battery Ecosystem
- Buy, sell, and trade Battery Coin, including an exchange
- Developers can apply for grants to improve the Battery Ecosystem and launch AIs

D. API Layer

- The API allows developers to connect two nodes to develop AI applications
- Makes it easy to develop AI applications quickly on the Battery Ecosystem

- The connectivity API is used by nodes to exchange data, input, output, and information

E. Cross Chain Layer

- Offers AI functionality to other blockchains such as Bitcoin, Ethereum, BNB, Cardano, Solana, Near Protocol, Polygon, Avalanche, Toncoin, EOS, Tron, Cosmos, Chainlink, VeChain, Stellar, BitAssurance, Hedera, Internet Computer, Arbitrum, Iota, Cronos, Aptos, Algorand, and more
- Connects blockchain-to-blockchain via HSML language
- Increases the computing power and nodes of BatteryAGI
- The Battery Exchange

F. App Store Layer

- Gives developers easy access to the Apple App Store and the Google App Store
- Provides developers instant access to a global market for blockchain applications and AI applications

G. Note: The Battery Exchange

The Battery Exchange is part of the Cross-Chain Layer. It allows atomic swaps and instantaneous conversions of other currencies such as Bitcoin, Ethereum, etc. into Battery Coins to power the ethical Decentralized Artificial Intelligence (eDAI). This revolutionary platform also trades tokenized carbon credits, energy assets, ESG credits, computing power, and more. At the Battery Exchange ecosystem is the "AI Sustainability Engine". This groundbreaking technology stands as a pivotal force in forecasting and managing risks related to climate change, energy transitions, carbon credits, and more.

Chapter 7: Technical Specifications of the Battery Blockchain

A. Technologies

Predominantly, the Battery Blockchain Platform uses multi-threading and safe-thread functions to handle tasks requiring many resources.

B. Programming languages

C++ - for platform core development, using the Boost.ASIO libraries for asynchronous I/O
Java - For the development of smart contracts

C. Network module

- P2P network
- IPv4 <-> IPv6 translation
- CTDTP (Credits Transfer Data Protocol); is a UDP-based network protocol for communications between network nodes

D. Storage module

- Distributed block storage NoSQL Solution
- Berkeley DB core optimized for high-load tasks and fast read/write operations.

E. Solver module (decision-making module)

- PoA (Proof-of-AI); a patented consensus algorithm with DPoS and BFT features Management of the synchronization process
- Management of the decision-making process

F. API module

- Thrift is used to standardize the interactions between the Battery Blockchain Platform and third-party development languages
- Allows for the configuration of ports for the above interactions

G. Smart contracts module

Java - standard Java language for smart contract development JVM - standard Java Virtual Machine. It will be enhanced to handle ERC-type smart contracts using solidity and other languages.

H. Network Node Types

- A network node is an interactive multi-tasking server application that communicates with other network nodes via UDP packets.
- All nodes form a "connected graph", based on Distributed Ledger Technology (DLT) principles. At the network level, a node's task is to provide network consistency and exchange messages with other nodes.
- A node is an application installed onto a Windows or Linux operating system that processes and stores transactions, confirms smart contract conditions, processes calls from third-party systems, and provides data upon request.
- All network nodes have the same defined functionality.

There are two types of nodes in the Battery Blockchain Platform:

1. **Writing Node:** the node that writes the Block of Transactions (BoT), and is randomly chosen by other Trusted Nodes of a round for a block if; it participates in consensus, passes it, and is chosen when a decision is made about the transaction pool and the formed BoT. The Writing Node can write a previously formed BoT to the storage and distribute it to other nodes for addition to their storage. It also transmits to the network a list of the Trusted Nodes of the next round (1st stage of consensus). The BoT, and the list of Trusted Nodes for the next round, must be signed by Trusted Nodes of the current round and this decision can be validated on any network node.
2. **Trusted Node:** a node that is chosen by the results of the voting between Trusted Nodes of the previous round to validate the current pool of processed and validated transactions to form a new BoT, and to select the nodes to be included in the list of Trusted Nodes of the next round. Any BoT or round table (a summary of the transactions to be included in the BoT) sent to the network for validation **MUST** be signed by the Trusted Nodes. After the BoT is formed, it should be validated by **ALL** Trusted Nodes and sent to the Writing Node for adding to the storage. For synchronization of a transaction pool that's being validated by Trusted Nodes, the nodes sort all transactions in the same order by synchronizing their metadata.

I. Upgrades to the Battery Blockchain Platform

1. **ERC-Standards:** Support for Ethereum standards. These standards help ensure smart contracts remain composable, so for instance, when a new project issues a token, it remains compatible with existing decentralized exchanges. Here are some standards we plan to support:
 - **ERC-20** - A standard interface for fungible (interchangeable) tokens, like voting tokens, staking tokens, or virtual currencies.
 - **ERC-721** - A standard interface for non-fungible tokens, like a deed for artwork or a song.

- **ERC-777** - ERC-777 allows people to build extra functionality on top of tokens such as a mixer contract for improved transaction privacy or an emergency recovery function to bail you out if you lose your private keys.
 - **ERC-1155** - ERC-1155 allows for more efficient trades and bundling of transactions –thus saving costs. This token standard allows for creating both utility tokens (such as \$BNB or \$BAT) and Non-Fungible Tokens like CryptoPunks.
 - **ERC-4626** - A tokenized vault standard designed to optimize and unify the technical parameters of yield-bearing vaults.
 - **ERC404** – a combination of ERC721 and ERC20.
2. **Storage: Activation of the Decentralized Storage Space similar to IPFS (InterPlanetary File System):** Once the Battery Blockchain Platform can save large files, it can develop auto-governance. The ability to store large records is necessary. The potential of this decentralized storage system will be beneficial to many industries.
 3. **AI:** Integration with Artificial Intelligence.

Chapter 8: Batteries & their Strategic Importance to the USA

The Battery Coin has founded the US Battery Consortium to support the research, development, and manufacturing of next-generation batteries in the United States; the importance of manufacturing batteries in America cannot be overstated. These advanced energy storage systems represent the cornerstone of sustainable electrification, powering a wide range of applications from electric vehicles to renewable energy integration and grid stabilization. It is of critical significance to secure the domestic next-generation battery development in the USA; we emphasize its implications for innovation, energy security, and economic growth.



A. The Benefits of Eco-Friendly & Long-Lasting Batteries to Society

The Battery Coin is supporting the development of new battery technologies with higher energy density and represents a pivotal milestone in the ongoing technological revolution. As we push the boundaries of innovation, the demand for more powerful, efficient, and longer-lasting energy storage solutions has become increasingly apparent. Batteries power everything from robots to cell phones, and EVs.

Besides batteries, the Battery Coin also supports and funds the research, development, and manufacturing of graphene products, carbon fibers, electric vehicles, and electronics.

B. The Benefits of the US Inflation Reduction Act

The US Inflation Reduction Act benefits the Battery Coin. The US Presidency's Inflation Reduction Act of 2022 stands as a historic legislative milestone, particularly for the realm of electric vehicles (EVs), batteries, AI Microchips, and sustainable transportation.

The landmark climate legislation requires that at least 40% of the value of the battery minerals in qualifying vehicles must have been extracted or processed in the US or free trade partner countries by 2024 for automakers to obtain half of the \$7,500 tax credit for purchases of new electric vehicles. In addition, the legislation prohibits "Foreign Entities of Concern," which includes companies from China. Both the Battery Coin and its partner the DaVinci Supercars Company are American, which benefits the token. (Source: Benchmark Minerals 8/2022)

The introduction of federal tax credits for used EVs, allowing up to \$4,000 or 30% of the sales price, offers a unique incentive for consumers. This not only expands the market for electric vehicles but also contributes to the overall growth of the EV industry. Battery Coin, with its focus on supporting electric cars, batteries, and charging stations, is poised to benefit from an expanded and diverse user base.

For the first time, commercial EVs are eligible for federal tax credits, up to 30% of the sales price. This opens new avenues for businesses to adopt electric fleets, aligning with Battery Coin's mission to support sustainable transportation solutions. The potential increase in commercial adoption may contribute to the broader acceptance of Battery Coins in the business and enterprise sectors.

C. Electrifying US Government's Vehicles

The strategic importance of batteries and EVs is shown in the US government's allocation of \$3 billion for electrifying the United States Postal Service (USPS) fleet, which aligns perfectly with Battery Coin's mission.

Furthermore, the provision of \$1 billion for replacing class 6 and 7 heavy-duty vehicles with clean EVs extends the impact of the Act beyond light-duty vehicles. Battery Coin, with a focus on supporting diverse batteries and electric vehicle solutions, can benefit from the broader electrification efforts that encompass heavy-duty transportation.

Moreover, another \$2 billion has been allocated for the Domestic Manufacturing Conversion Grant program and \$3 billion for the Advanced Technology Vehicle Manufacturing program, which resonates with Battery Coin's commitment to advancing battery technologies. These investments may foster innovations that align with the goals of Battery Coin.

D. Energy Security and Independence

The transition to a renewable energy-based economy necessitates robust and reliable energy storage solutions to overcome intermittency challenges and maximize the utilization of clean energy resources. By cultivating a thriving domestic battery manufacturing industry, the United States can enhance its energy security and reduce reliance on foreign sources for critical components. Moreover, the ability to produce next-generation batteries locally ensures supply chain resilience, mitigates geopolitical risks, and strengthens the nation's strategic autonomy in the face of global uncertainties.

E. Environmental Sustainability and Carbon Neutrality

Next-generation batteries offer not only improved performance and energy density but also enhanced environmental sustainability and carbon neutrality. By investing in advanced battery chemistries such as solid-state, lithium-sulfur, aluminum-ion, sodium-ion, graphene, and metal-air battery technologies, the United States can reduce reliance on finite resources, minimize environmental impact, and mitigate greenhouse gas emissions associated with battery production and disposal. Additionally, embracing sustainable manufacturing practices and recycling technologies ensures that next-generation batteries contribute to a circular economy, where materials are reused, repurposed, and recycled to minimize waste and conserve resources.

F. Job Creation and Economic Growth

The development and manufacturing of next-generation batteries present significant opportunities for job creation, economic growth, and industrial revitalization. By establishing a robust domestic battery industry, the United States can stimulate employment across the entire value chain, from research and development to manufacturing, assembly, and support services. Furthermore, strategic investments in battery infrastructure and supply chain capabilities attract capital investment, foster innovation clusters, and catalyze regional development, positioning the United States as a global hub for advanced energy technologies and attracting talent, investment, and collaboration from around the world.

G. Research, Development & Manufacturing of Next-Generation Batteries

Battery Coin has allied with the US Battery Consortium, DaVinci Supercars, Titan Bioplastics American Universities, and other battery partners to jointly research, develop, and manufacture next-generation batteries in America for a Moonshot to Mars, which will also benefit the American electronics industry and electric car manufacturers. Battery Coin is involved with the research, development, and manufacturing of the following types of batteries

However, the Battery Coin is not limited to supporting only the battery industry, since sometimes research leads to new and unexpected benefits for humanity; these new cutting-edge research and intellectual property will also be used to back the value of the Battery Coin.

Chapter 9: AI Microchips & their Strategic Importance to the USA

The Battery Coin is also working with the US Battery Consortium to provide research, development, and manufacturing of next-generation AI Microchips, including CPUs, GPUs, DRAMs, ASICs, SoCs, and more.

In the landscape of modern technology, the significance of AI Microchips cannot be overstated. These tiny but intricate components serve as the backbone of virtually every electronic device, from smartphones and laptops to industrial machinery and electric vehicles. Battery Coin's support for the research, development, and manufacturing of AI Microchips in the United States is paramount for many compelling reasons.

A. Technological Sovereignty and National Security

The notion of technological sovereignty has emerged as a critical concern in today's interconnected world. As nations increasingly rely on advanced technologies for their economic prosperity and national security, the ability to independently research, develop, and manufacture essential components like AI Microchips is essential. By maintaining a robust domestic semiconductor industry, the United States can mitigate risks associated with supply chain disruptions, geopolitical tensions, and intellectual property concerns. Ensuring that critical infrastructure, such as the Battery Coin microchip technologies that will be developed, is not reliant on foreign entities is not only prudent but imperative for safeguarding national interests.

B. The US Chips and Science Act

Battery Coin will stand at the forefront of AI Microchip innovation in the wake of the CHIPS and Science Act of 2022. Battery Coin is poised to revolutionize the landscape of semiconductor research, development, and manufacturing.

Enacted by the 117th United States Congress and signed into law by President Joe Biden, the CHIPS Act authorizes a staggering \$280 billion in funding to bolster domestic semiconductor research and production. Among its provisions, the act earmarks \$52.7 billion specifically for semiconductor initiatives, including \$39 billion in subsidies for chip manufacturing on U.S. soil and \$13 billion for semiconductor research and workforce training.

Battery Coin is strategically positioned to harness the immense potential of the CHIPS Act to drive forward its mission of creating next-generation AI Microchips for Electric Vehicles (EVs), electronics, and space exploration. By leveraging the incentives and resources provided by the CHIPS Act, Battery Coin aims to accelerate its chip development initiatives, ensuring a robust supply chain and fostering innovation in semiconductor technology.

Moreover, the act's emphasis on bolstering American supply chain resilience and countering global competition aligns seamlessly with Battery Coin's vision of advancing domestic chip manufacturing capabilities. With a focus on research, development, and innovation, Battery Coin seeks to harness the full spectrum of opportunities presented by the CHIPS Act to propel its chip manufacturing endeavors to new heights.

As Battery Coin continues to push the boundaries of technological advancement, the CHIPS Act catalyzes progress, empowering our mission to redefine the future of chip development and contribute to the advancement of society as a whole.

C. Quality and Reliability

The quality and reliability of AI Microchips are paramount, particularly in applications where safety, performance, and longevity are critical factors. By controlling the entire lifecycle of chip production—from design and fabrication to testing and packaging—domestic manufacturers can uphold stringent quality standards and ensure adherence to regulatory requirements. Moreover, proximity to research institutions, skilled labor, and advanced manufacturing facilities enables rapid iteration, optimization, and customization of chip designs to meet the unique demands of emerging technologies within the Battery Coin Ecosystem.

D. Job Creation and Economic Impact

The semiconductor industry plays a vital role in job creation and economic prosperity, generating employment opportunities across a wide range of disciplines, including engineering, manufacturing, supply chain management, and research. By supporting Battery Coin's investment in domestic chip manufacturing capabilities, the United States can stimulate job growth, foster innovation clusters, and attract talent from around the world. Additionally, a robust semiconductor ecosystem fosters collaboration between industry, academia, and government, leading to knowledge spillovers, technology transfer, and the commercialization of cutting-edge research.

In conclusion, the research, development, and manufacturing of AI Microchips within the United States are crucial for maintaining technological sovereignty, fostering innovation, ensuring quality and reliability, and driving economic growth. As we navigate the complexities of the digital age and the transition towards sustainable energy solutions like Battery Coin and the US Battery Consortium's technologies, the strategic investments in semiconductor infrastructure and capabilities will be instrumental in shaping the future of technology and securing the nation's position as a global leader in innovation. By recognizing the importance of domestic chip manufacturing and embracing a collaborative approach, we can unlock new opportunities, overcome challenges, and pave the way for a brighter, more resilient future.

Chapter 10: The Asset-Backing Structure of Battery Coin

A. Introduction

The Battery Coin will be backed by tokenized assets in the form of futures contracts. The largest asset-backing is coming from a license from Titan Bioplastics to manufacture Graphene Oxide, Graphene, Diamonds, and Carbon Fiber inexpensively, representing initially over **\$28 billion+** in value; the tokenized asset-backing is expected to increase annually to over **\$200 billion** in a decade.

"Asset tokenization involves the representation of pre-existing real assets on the ledger by linking or embedding by convention the economic value and rights derived from these assets into digital tokens created on the blockchain. Tokens issued in asset tokenization exist on the chain and carry the rights of the assets they represent, acting as a store of value. The real assets on the back of which the tokens are issued continue to exist in the "off-chain" world..." **[The Tokenisation of Assets and Potential Implications for Financial Markets Report](#)** by the OCED (The Organisation for Economic Co-operation and Development).

Artificial Intelligence (AI), Artificial General Intelligence (AGI), Artificial Super Intelligence (ASI), BatteryAGI, Medical Super Intelligence (MSI), computing power, and all commercial intellectual property generated from this asset-class. This asset class is expected to be valued at trillions of dollars, once Battery Coin achieves AGI.

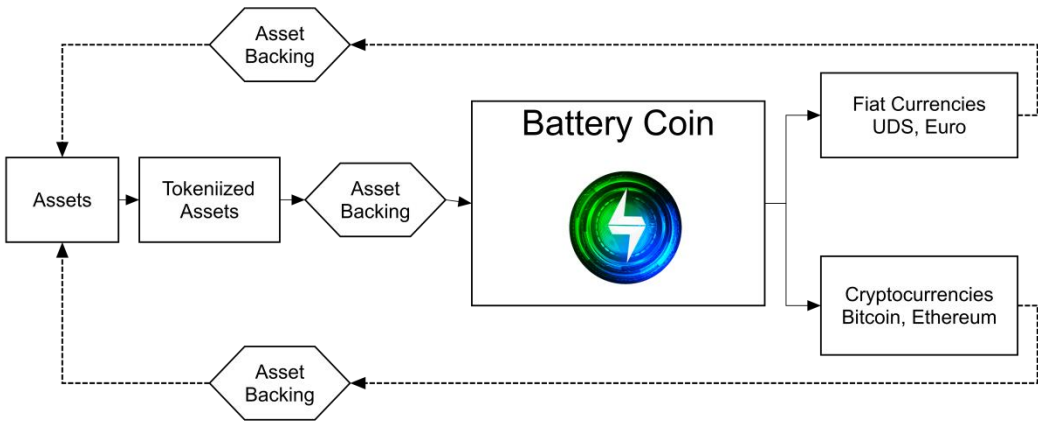
Another asset class backing the Battery Coin will be cash and other cryptocurrencies, which are expected to represent over 50% of the total asset holdings. Cash and other cryptocurrencies are obtained by selling Graphene Oxide, Graphene, Diamonds, and Carbon Fiber to industries and research facilities.

Other assets backing the Battery Coin include future contracts for batteries, supercars, hypercars, charging of EVs at selected charging stations, mineral rights, cash, cryptocurrencies, and other products (collectively "Battery Assets").

Asset-backing means the Battery Coin will be directly exchangeable into these Battery Assets with an inherent intrinsic value. The asset-backing gives the Battery Coin a more stable floor value.

To simplify the explanation of the asset-backing value, the Battery Coin can be thought of as simply as a “Graphene Standard”, with each Battery Coin asset-backed by 0.350 grams of Graphene, with a value of \$35.00 as of January 1, 2024. Note that graphene is more expensive than gold, as of May 5, 2024.

Graphene Oxide	Graphene	Gold	Platinum	Silver
\$150/gram	\$100/gram	\$74/gram	\$31/gram	\$0.86/gram



As the demand for Battery Assets increases over time due to the increasing need for AI, batteries, AI Microchips, and EVs, the value of Battery Coin is expected to grow for the next few decades. The Battery Coin Holders will benefit from the increase in the price of the Battery Assets backing the Battery Coin over time.

B. Summary of the Asset-Backing for Battery Coin

The Battery Coin will be exchangeable into the following products:

Description of the Asset Backing the Battery Coin	Avg. Per Unit (USD)	Qyt. Pledged	Total Value Pledged	Unit Per Coin Exchangeable
*Diamonds (Eco-Lab Grown-white & colored VVS)	\$2,000/carat	100,000 carats/yr	\$200,000,000/yr	0.0175/carat
*Graphene Oxide - Single Layer - Small Flakes	\$150/gram	100,000,000 grams/yr	\$15,000,000,000/yr	0.2333/gram
*Graphene	\$100/gram	100,000,000 grams/yr	\$10,000,000,000/yr	0.3500/gram
*Carbon Fiber Products	\$10/gram	100,000,000 grams/yr	\$1,000,000,000/yr	3.5000/gram
*Carbon Fiber Products Enhanced with Graphene	\$20/gram	100,000,000 grams/yr	\$2,000,000,000/yr	1.7500/gram
Cash, Bitcoin & Cryptocurrencies (from selling Graphene/Carbon Fiber Products) and investments	80% of the Graphene, Graphene Oxide & Carbon Fiber Products will be sold and converted into cash and cryptocurrencies like Bitcoin			
Artificial Intelligence (AI), Artificial General Intelligence (AGI), Artificial Super Intelligence (ASI), BatteryAGI, Medical Super Intelligence (MSI), computing power, and all commercial intellectual property generated from this asset-class.	This asset class backing the Battery Coin is expected to be valued at trillions of dollars, once Battery Coin achieves AGI. This asset class has not been included in the asset evaluations.			
Solid State Super-Batteries	\$10/unit	100,000,000 units	\$1,000,000,000	3.50/unit

DaVinci Supercars designed for Battery Coin	\$5,000,000/unit	100 units	\$500,000,000	0.0000070/unit
DaVinci Hypercars designed for Battery Coin	\$10,000,000/unit	100 units	\$1,000,000,000	0.0000035 /unit
EV Charging - At Charging Stations	TBA	TBA	TBA	TBA
Various mineral rights	TBA	TBA	TBA	TBA
AI Microchips	TBA	TBA	TBA	TBA
Intellectual Property – Batteries, etc.	TBA	TBA	TBA	TBA
Other assets - To be announced	TBA	TBA	TBA	TBA

C. Projected Total Assets over 10 years

The Total Asset Backing for the Battery Coin is expected to increase annually as follows:

	Total Asset Backing (in Billions USD)									
Description of Assets	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
*Diamonds (Eco-Lab Grown-white & colored VVS)	0.22	0.42	0.62	0.82	1.02	1.22	1.42	1.62	1.82	2.02
*Graphene Oxide – Single Layer– Small Flakes	3.30	6.30	9.30	12.30	15.30	18.30	21.30	24.30	27.30	30.30
*Graphene	2.20	4.20	6.20	8.20	10.20	12.20	14.20	16.20	18.20	20.20
*Carbon Fiber Products	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22
*Carbon Fiber Products Enhanced with Graphene	0.08	0.12	0.16	0.20	0.24	0.28	0.32	0.36	0.40	0.44
Cash, cryptocurrencies (from selling graphene) & Investments	23.36	44.40	65.44	86.48	107.52	128.56	149.60	170.64	191.68	212.72
Artificial Intelligence (AI), Artificial General Intelligence (AGI), Artificial Super Intelligence (ASI), BatteryAGI, Medical Super Intelligence (MSI), computing power, and all commercial intellectual property generated from this asset-class.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Solid State Super-Batteries	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
DaVinci Supercars - Collectible one of kind Supercars designed for Battery Coin	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DaVinci Hypercars - Collectible one of kind Hypercars designed for Battery Coin	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Free EV Charging at Selected Charging Stations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mineral rights	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Credits - To be announced	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other Products - To be announced	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Asset Backing	31.70	58.00	84.30	110.60	136.90	163.20	189.50	215.80	242.10	268.40

Note: 80% of the Diamonds, Graphene, Graphene Oxide, Carbon Fiber Products, and Carbon Fiber Products Enhanced with Graphene produced will be sold and converted into cash and other cryptocurrencies like Bitcoin. 20% of the Graphene will be held annually in reserve for exchangeability. The same formula applies to the Carbon Fiber Products, and Carbon Fiber Products Enhanced with Graphene pledged by Titan Bioplastics to back the Battery Coin.

D. Asset Backing Increases Annually

The amount of Battery Assets expected to back each Battery Coin increases over time, making it more secure and resilient to inflationary. The initial asset-backing for each Battery Coin will start at \$35 and is expected to increase

annually to \$336 in Year 10; this is a 10 times increase in a decade but does not stop there and theoretically, the asset - backing can increase indefinitely.

One of the largest asset classes backing the Battery Coin will be cash, other cryptocurrencies such as Bitcoin, are obtained from selling Graphene Oxide, Graphene, Diamonds, and Carbon Fiber Products, and investments.

	Initial Backing	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Etc.
Assets backing each Battery Coin (in USD)	\$35	\$40	\$73	\$105	\$138	\$171	\$204	\$237	\$270	\$303	\$336	Etc.

Note: the amount of assets backing each Battery Coin is independent of the exchange price of the Battery Coin with other fiat currencies and cryptocurrencies.

Chapter 11: Tokenomics

A. Introduction to the Tokenomics of Battery Coin

Starting in 2024, the Battery Coin will be conducting a Private Token Pre-sale. The Battery Coin Token Pre-sale is being conducted by the Federation of United Planets (Sovereign Entity) (a Swiss-based private club), with a mission to create a sustainable and fossil-fuel-free future. Note: People have to be members of the Federation of United Planets (Sovereign Entity) to participate in the Battery Coin Token Pre-sale. Click to [join for free and anyone can join](#).

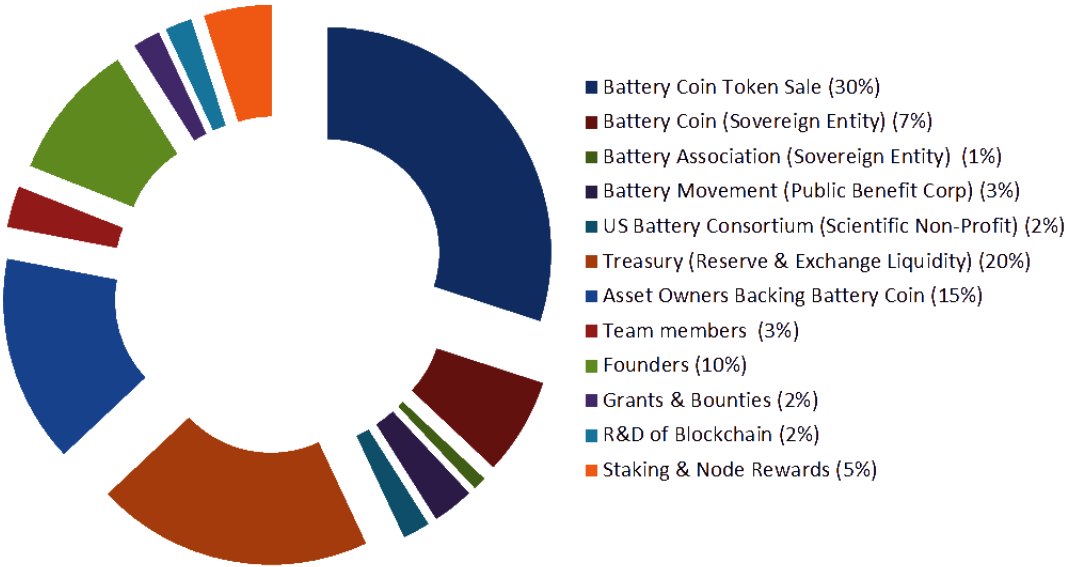
Note: The Battery Coin is a private Token Pre-sale of the Federation of United Planets (Sovereign Entity). The Battery Coin Pre-sale is restricted to jurisdictions that only allow Token Pre-sales. The Battery Coin Pre-sale is not available to the general public. The Battery Coin Pre-sale is not an Initial Coin Offering (ICO), IEO, or STO. The Battery Coin Pre-sales and use of funds are described further in **Appendix D**.

B. Token Issuance Structure

The Token Pre-sale is divided into 2 Phases. In Phase 1, we will be selling Battery Coin Tokens, as ERC-20 Layer 2 tokens on the Ethereum Platform. The Battery Coin Tokens are placeholders for the Battery Coins. In Phase 2, the Battery Coin Tokens will be exchangeable to Battery Coins on our Layer 1 Battery Blockchain.

C. Currency Distribution Chart

The distribution of the Battery Coin is shown below. This is a living document, so priorities and distribution may change over time.



Note: the distribution of the Battery Coin (\$BATT) may change due to strategy, the size of the Battery Assets, and changes in market conditions.

D. Monetary Policy

The Battery Coin's value is protected by the following mechanisms:

- **Augmented Bonding Curve:** The Battery Coin is placing a monetary policy using an "Augmented Bonding Curve", which is a type of smart contract and algorithmic monetary policy (AMP) that prevents pump and dump; this will control the exchange, and release of the Battery Coin into the market.
- **Asset-Backing:** The Battery Coin is initially backed by over **\$28 billion** of tokenized physical assets in the form of futures contracts; the asset-backing is expected to increase annually to over **\$200 billion** in a decade.
- **Exchangeability:** On activation of the mainnet, the Battery Coin is expected to be directly exchangeable into the Assets, which will be on a first-come-first-served basis.
- **Insurance and Reinsurance Tokens:** The Battery Coin's value is further backed by insurance and reinsurance tokens. The insurance and reinsurance tokens are a form of tokenized insurance that can be held by multiple insurance companies, financial institutions, companies, and members.
- **Exchanges:** The Battery Coin will be allied with a currency exchange platform to provide the liquidity and exchangeability of the Battery Coin into USD, Euro, Bitcoin, and other currencies.
- **The Battery Coin is Self-Adjusting:** In the event, that the assets backing the Battery Coin of \$35 per coin are reduced in value for any reason whatsoever, the minted Battery Coin shall be destroyed (or burnt) on a pro-rata basis to bring it back to \$35 per coin. For example, if the value backing the Battery Coin reduces in value by \$35,000,000, then we will destroy (or burn) $\$35,000,000 / \$35 = 1,000,000$ \$BATT upon activation of the mainnet. Reducing the total supply of the Battery Coin minted, and in circulation, increases the scarcity of the Battery Coin, thus making it rarer and potentially more valuable to Stakeholders.
- **Governance Functions:** Battery Coin has governance features for the digital farming (mining) community running the Supernodes.

Chapter 12: The Token Pre-sale

A. Token Pre-sales Information

The Battery Coin is a private Token Pre-sale of the Federation of United Planets (Sovereign Entity) Members. The Battery Coin Token Pre-sale is restricted to jurisdictions that only allow Token Pre-sales. Basic Membership is free for anyone to join the Federation of United Planets (Sovereign Entity). The Battery Coin Token Pre-sale is not available to the general public, but only for registered federation members. The Battery Coin Token Pre-sale is not an Initial Coin Offering (ICO), IEO, or STO.

PHASE 1	PHASE 2
BLOCKCHAIN Ethereum Blockchain	BLOCKCHAIN Battery Blockchain
TOKEN NAME Battery Coin Token	CURRENCY NAME Battery Coin
TOKEN SYMBOL \$BATC	CURRENCY SYMBOL \$BATT

TOKEN TYPE	CURRENCY TYPE
Private Community Token and Utility Token	Sovereign Asset-Backed Private Community Currency and Utility Currency
Layer 2, ERC-20 on the Ethereum Blockchain, until MainNet (Swap)	Layer 1 Currency on the Battery Blockchain
ERC-20 CONTRACT ADDRESS	
TBA	
ETHERSCAN LINK	
TBA	
EXCHANGEABILITY	
In Phase 1, the Battery Coin Token (\$BATC) will be sold as an ERC-20 token on the Ethereum Blockchain. In Phase 2, the Battery Coin Token (\$BATC) will be exchangeable into the Battery Coin (\$BATT) at the end of the 12-month Token Pre-sale, after the mainnet launch.	

B. Details of the Token Pre-sale

DETAILS OF TOKEN PRE-SALE	
MAXIMUM SUPPLY OF TOKENS (finite supply) 800,000,000	SOFT CAP \$10,000,000
EXPECTED ASSET-BACKING AMOUNT Year 1: Over \$28,000,000,000 is pledged & increasing annually to Year 10: \$200,000,000,000	HARD CAP \$5,000,000,000
ASSET-BACKING DESCRIPTION Battery Coin will be directly exchangeable into the following Battery Assets consisting mainly of Graphene Oxide, Graphene, Diamonds, Carbon Fiber, cash, Bitcoin, other cryptocurrencies, and investments. Other assets include supercars, hypercars, high-capacity batteries, mineral rights, IP, and cutting-edge electronic products.	MAX CAP \$30,000,000,000
INITIAL ASSET BACKING RATIO 35:1 (\$35 in assets back 1 \$BATT)	EXPECTED ASSET BACKING RATIO IN YEAR 10 336:1 (\$336 in assets back 1 \$BATT)
STARTING PRE-SALE PRICE \$0.25	MINIMUM PURCHASE None
ENDING PRE-SALE PRICE \$35.00	PERCENT BEING OFFERED IN TOKEN PRE-SALE 30%
TOKEN PRE-SALES STARTING Starting 2024	TOKEN PRE-SALES ENDING 2025
INITIAL EXCHANGE LISTING PRICE \$38.00	TOTAL MARKET CAP AT LAUNCH \$30,000,000,000
LOWEST EXPECTED FLOOR PRICE \$35.00	CIRCULATING SUPPLY 240,000,000 (30%)
MAXIMUM CEILING PRICE Unlimited	CIRCULATING MARKET CAP AT LAUNCH \$8,400,000,000
TEAM & FOUNDERS VESTING PERIOD 18 months to 10 years	BATTERY COIN HOLDERS VESTING PERIOD 18 to 48 months
BONUS FOR LARGE INVESTMENTS Offer 10% bonus tokens for investments over \$100,000	

C. The Token Pricing Structure

The anticipated Battery Coin Token Pre-sales Pricing Structure is as follows. Note that the Pre-sale will be on a first-come, first-served basis.

Early Bird 100% Customer Satisfaction Guarantee: From Round 0 to Round 6, we have a “**100% Customer Satisfaction Guarantee**” of the Battery Coin Tokens. This means at the end of the 24-month cycle, if the customer is not satisfied, Battery Coin is willing to refund the Battery Coin Tokens at the original price purchased if the token holder wants. This provides token buyers with no downside and only upside to participate in the purchase of the Battery Coins. There is zero risk for the buyers.



Hoarding Restrictions: However, sometimes you might be competing against invited members of the US Battery Consortium such as Microsoft, SpaceX, Blue Origin, Virgin Galactic, Tesla, Ford, GM, Stellaris, Rivian, Lucid, Apple, Google, Facebook, etc. trying to buy Battery Coin at the same time as you for staking programs, which give them licensing and/or manufacturing rights to the battery technologies developed by Battery Coin. To avoid hoarding by large conglomerates, we have restricted conglomerates to purchase no more than 50% of the total number of tokens available for Pre-sale in any given month.

Rounds: When one round is completed, the next round begins until all the tokens are sold. The Estimated Release Date is only an estimated date, which may be quicker or slower.

Vesting Periods: The vesting period for Rounds 0 to 15 is 24 months. The vesting period for rounds 16 to 20 is 18 months. There is an 8.80% Annual Staking Rewards, so you earn during the vesting periods.

Round No.	USD/Token	No. of Tokens	Guarantee Buyback	Annual Staking Rewards
0	\$0.25	1,000,000	YES	8.80%
1	\$0.50	2,000,000	YES	8.80%
2	\$0.75	3,000,000	YES	8.80%
3	\$1.00	4,000,000	YES	8.80%
4	\$2.00	5,000,000	YES	8.80%
5	\$4.00	6,000,000	YES	8.80%
6	\$6.00	7,000,000	YES	8.80%
7	\$8.00	8,000,000	N/A	8.80%
8	\$10.00	9,000,000	N/A	8.80%
9	\$12.00	10,000,000	N/A	8.80%
10	\$14.00	11,000,000	N/A	8.80%
11	\$16.00	12,000,000	N/A	8.80%
12	\$18.00	13,000,000	N/A	8.80%
13	\$20.00	14,000,000	N/A	8.80%
14	\$23.00	15,000,000	N/A	8.80%
15	\$26.00	16,000,000	N/A	8.80%
16	\$29.00	17,000,000	N/A	8.80%
17	\$32.00	18,000,000	N/A	8.80%
18	\$33.00	19,000,000	N/A	8.80%
19	\$34.00	20,000,000	N/A	8.80%
20	\$35.00	30,000,000	N/A	8.80%
Total		240,000,000		

Year1 : Asset-Backing Per Coin	\$35.00			
Year 10: Asset-Backing Per Coin	\$336.00			
Initial Exchange Listing Price	\$38.00			

Note: the dates and quantities may change.

D. The Token Swap Event

We plan a Token Swap upon the mainnet launch. The swap procedure will involve the exchange of ERC20– Battery Con Tokens (\$BAC) for Battery Coins (\$BATT). The process will be carried out manually via MEW or other wallets and through an allied exchange. The essence of the migration of tokens was the transfer of the balance of Battery Coin Holders from Ethereum wallets to new wallets compatible with the Battery Blockchain Platform.

Chapter 13: The Governance Structure

Battery Coin is part of the Battery Ecosystem.

A. Battery Coin (Sovereign Entity)

Battery Coin is structured as an SGO (Sovereign Governmental Organization) and IGO (International Intergovernmental Organization), protected by treaties as a Sovereign. It functions similarly to the United Nations or the World Wildlife Fund. Battery Coin deals with sovereign nations, indigenous nations, countries, and other sovereign entities to provide energy and climate change financing infrastructure. Battery Coin also protects the integrity and sovereignty of the Battery Coin Ecosystem. Battery Coin has an international court system to resolve disputes called the Earth Tribunal; the court is shared with other sovereigns like Free Nations.

B. The Federation of United Planets (Sovereign Entity)

Battery Coin is a founding member of “**The Federation of United Planets**” because Battery Coin is committed humanity to becoming an interplanetary species. Inspired by the Star Trek television series, Battery Coin will support the building of a headquarters for the Federation of United Planets. The goal of the federation is for peaceful space exploration, peaceful cooperation, the sharing of knowledge and resources, and the advancement of science and diplomacy. The federation also safeguards the principles of universal liberty, rights, and equality.

The Federation of United Planets is structured as an SGO (Sovereign Governmental Organization) and IGO (Intergalactic Intergovernmental Organization), protected by treaties as a Sovereign. The Federation of United Planets will be the issuer of the Battery Coin (\$BATT) and will be the home of Federation of United Planets members. The federation will have many types of councils you can participate in. Here are some of the notable councils you may be interested in:

- **The AI Council:** guiding the development of the ethical Decentralized Artificial Intelligence (eDAI).
- **The Mars Council:** guiding the development of the Moonshot to Mars.
- **The Medical Council:** guiding the development of the Medical Super Intelligence (MSI).
- **The Diplomacy Council:** members engage in simulated diplomacy, including Cosplay to practice diversity, diplomacy, and just for fun.
- **The Battery Coin Council:** guiding the development of Battery Coin, as well as holding the reins of the Battery Coin Protocol, safeguarding its integrity and aligning with the decentralized ethos, as well as the responsibility for the following:
 - Issue and sell the Battery Coin;

- Handling the direct exchanges of the Battery Coins;
- Registering and managing members;
- Providing customer services for members;
- Managing votes and suggestions;
- Promoting the Battery Coin;
- Register the Battery Coin on exchanges;
- Approving Projects;

C. The US Battery Consortium

The US Battery Consortium's scientific mission is to support and "**Power a Moonshot to Mars**" by putting a Man on Mars and returning him to Earth within a decade. The goal is to create an interplanetary civilization. This audacious initiative taps into the raw power of American ingenuity, bringing together American industries, pioneering universities, tech innovators, and more to develop tools for Mars, Earth, and beyond.

This includes but is not limited to supporting the scientific research, development, and manufacturing of blockchain technologies, the AI industry, battery technologies, AI chips, AI robotics, Mars rovers, space colonies, and electric vehicles, as well as boosting American manufacturing. This includes creating a prototype Mars Training Colony on Earth to test technologies and equipment, as well as to train astronauts.

D. The Battery Movement

The Battery Coin is managed by the Battery Coin Council in the Battery Movement. The Battery Movement is a Public Benefit Corporation that promotes science, space exploration, and preserving the environment. The goal is to support the AI Revolution and a Moonshot to Mars; this includes producing technologies to send man and Tardigrades to Mars and return them safely to Earth. To fulfill its mission, the Battery Movement researches, develops, and produces ethical Decentralized Artificial Intelligence (eDAI), Artificial General Intelligence (AGI), and Artificial Super Intelligence (ASI), as well as next-generation batteries, blockchain technologies, microchips, Mars rovers, electric vehicles, and more.

The Battery Movement also manages the research, development, and deployment of the Battery Coin. The Battery Movement is also tasked with managing an array of crucial aspects, including funds, blockchain development, manufacturing facilities, assets, contracts, and investments related to Battery Coin.

The Public Benefit Corporation is headquartered in indigenous territories or any other jurisdiction deemed fitting. The Battery Movement is also tasked by Battery Coin with the oversight of the Battery Ecosystem and products. This encompasses key elements like the membership, the Battery Coin (\$BATT), the Battery Ecosystem, and the Battery Exchange.

Chapter 14: Management Team

The Battery Coin is led by a team of experienced professionals with a deep understanding of the battery, artificial intelligence, automotive, and blockchain industries can be found on the [website under team](#).

Appendix A

Development Roadmap

The Battery Coin has ambitious plans, with the overcome goal of ending extreme poverty and creating a truly sustainable world. To achieve our objectives we have set up a roadmap of development for our mission and goals.

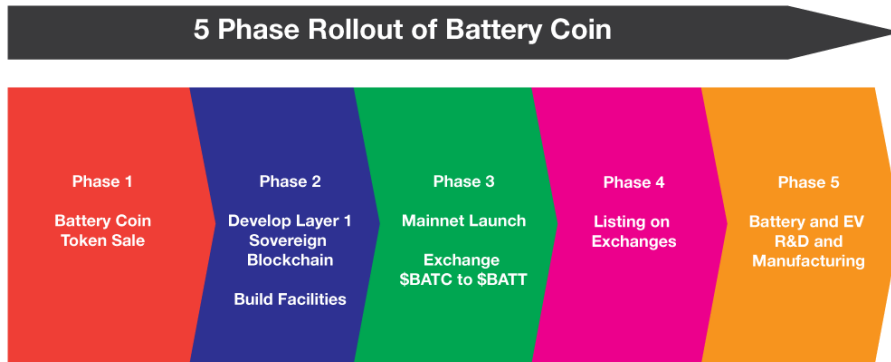


Figure Battery Coin Roadmap

Disclaimer: Development Roadmap timelines, anticipated plans, and outcomes are subject to change due to business requirements.

Beginning – Battery Coin & Tardee Token Begins

<p>Phase 1A – Battery Coin and Tardee Token Starts</p> <ul style="list-style-type: none"> 2021 - Battery Coin and Tardee Token start development Ongoing - Copyright and trademark registered Ongoing - Signed agreements with asset holders Ongoing - Team recruitment Not Started - Alpha testing of blockchain technology Not Started - Battery Blockchain announced Ongoing - Completed white paper and documents Ongoing - Formed strategic alliances with Family Offices Ongoing - Federation of United Planets (Sovereign Entity) to be Established in Zug, Switzerland Ongoing – Signed alliance with other organizations Ongoing – Signed technology partnerships to build high-speed blockchain Ongoing - Sign partnership to distribute Universal Wallet Ongoing - Acquisition of more assets to back the Battery Coin <p>Phase 1A –Token Presale Starts</p> <ul style="list-style-type: none"> Not Started- Presale for Tardee Token first Not Started - \$5 mil from Tardee Token allocated to Battery Coin Presale Not Started- Presale for Battery Coin <p>Phase 2 – Infrastructure Development</p> <ul style="list-style-type: none"> Not started - Development on the Blockchain platform Not started - Development of models, tools, apps, etc. 	<ul style="list-style-type: none"> Not started – Build manufacturing plant for Graphene Oxide, Graphene, Diamonds & Carbon Fiber Not started – Support EV manufacturing Ongoing - Research finding the right partners/technologies, etc. <p>Phase 3 –Mainnet Launch</p> <ul style="list-style-type: none"> Not Started - Launch Mainnet Not Started - Build the Exchange Not Started - Exchange \$BATC for \$BATT Not Started - Exchange \$TARD for \$USDT Not Started – Insurance and Reinsurance Tokens <p>Phase 4: Mass Adoption of Battery Coin & Tardee Token</p> <ul style="list-style-type: none"> Not Started - Listing on more Exchanges Not Started - Start deployment of the Bank, ATM, kiosks, and point-of-sale terminals Not Started - Battery Coin& Tardee Token start going mainstream <p>Phase 5 – Funding DApps and Investments</p> <ul style="list-style-type: none"> Not Started – Battery and EV R&D and Manufacturing Not Started – Funding DApps & Investments Not Started - Invite retailers to accept Battery Coin Cards and Point System Ongoing - Support other crypto-currencies
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Appendix B

Use of Funds

The projected funds will be allocated on a pro-rata basis to each of these sectors:

COMPANIES	PERCENTAGE	AMOUNT (USD)
THE BATTERY MOVEMENT		
Blockchain & Platform Development	7%	280,000,000
Dapp & app development	2%	80,000,000
Exchange development	2%	80,000,000
Administration	6%	240,000,000
Mars Mission Grants	9%	360,000,000
Decentralized Artificial Intelligence (eDAI) – AGI Development	10%	400,000,000
TITAN BIOPLASTICS & DAVINCI SUPERCARS		
Graphene, Diamonds & Carbon Fibers Manufacturing	5%	200,000,000
Moonshot to Mars – Batteries, AI Microchips, & EVs	33%	1,320,000,000
THE FEDERATION OF UNITED PLANETS		
Membership Activities	1%	40,000,000
Conferences	0.25%	10,000,000
Insurance	0.50%	20,000,000
Admin	2%	80,000,000
RESERVE		
Digital Farming (Mining) & Servers for AI	7%	280,000,000
Patents	0.25%	10,000,000
Currency Reserve	15%	600,000,000
Total	100%	4,000,000,000

Note: this is a living document and all use of funds may be adjusted as required to maximize the success of the Battery Coin. *This means the amount is most likely to be adjusted due success of the raise as well as due to unexpected costs. For a planned Pre-sales schedule see www.batterycoin.org

Appendix C

Risks & Disclaimer of General Liability

****Note to Viewers:** The Whitepaper is pending final legal opinion. The content may change or be updated.

By using BATTERY COIN'S, you confirm that you have read the [Terms & Conditions](#) and [Privacy Policy](#), that you understand them, and that you unconditionally agree to be bound by them. You acknowledge further that you understand and accept the [Disclaimer of General Liability](#) and declare that the warranties you make by using BATTERY COIN'S PRODUCTS are truthful.

PLEASE READ ALL THE PUBLIC NOTICE & DISCLAIMERS IN APPENDIX A AND AT:

<https://batterycoin.org/home/disclaimer/>