ELEMENT

UNEARTH POSSIBILITIES • COLLECT DIGITAL REWARDS • PROTECT WHAT'S PRECIOUS



LITEPAPER DOCUMENT / MAR 2023

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Disclaimers

ELEMENT UNITED DISCLAIMER:

(Charter went into effect in December of 2022)
Element Nodes and the Element Blockchain are governed by a Distributed Governance Framework (DGF), which is distinct from and not solely controlled by Element United DAO LLC. Any value derived from Element Nodes and Element Digital Rewards is likely to be uncorrelated with the success or failure of Element United.

ELEMENT REWARDS STANDARD DISCLAIMER:

Element United does not sell tokens or digital rewards. The Element Blockchain, which is governed by Element Node owners, self-governs the distribution of Element Digital Rewards. Element Digital Rewards are earned in exchange for work and action on the Element network. Element Digital Rewards are designed to have utility throughout the Element Ecosystem for the purchase of Element United's products and services. The Element Digital Reward is not an investment product and may never have any value outside of the Element Ecosystem. Element Node owners should not expect to recognize any value from the Element Digital Reward other than its utility within the Element Ecosystem. Element United does not anticipate correlation between the Element Digital Reward value and Element United's business activities. The Element Blockchain is not backed by gold.

ELEMENT FORWARD-LOOKING STATEMENT:

This document may contain forward-looking statements that involve substantial risks and uncertainties. Forward looking statements discuss plans, strategies, prospects, and expectations concerning the business, operations, markets, risks, and other similar matters. There may be events in the future that we cannot accurately predict or control. Any forward-looking statement contained herein speaks only as of the date on which it is made. Factors or events that could cause our actual results to differ may emerge from time to time, and it is not possible for us to predict all of them. We do not plan to update or revise publicly any forward-looking statements except as required by law.

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OUR MISSION

UNTIL NOW, NO VIABLE SOLUTION HAS YET BEEN FOUND TO ADDRESS SUCH ISSUES OF CORRUPTION, ENVIRONMENTAL DEVASTATION, AND HUMAN EXPLOITATION THAT CHARACTERIZE MUCH OF THE MINING INDUSTRY.

> **OUR MISSION WILL TRANSFORM THE MINING INDUSTRY INTO ONE THAT BENEFITS OUR COMMUNITY, THE PLANET, AND MILLIONS WORLDWIDE.**

ELEMENT UNITED HARNESSES BLOCKCHAIN TECHNOLOGY'S POWER TO REVERSE THE CATASTROPHIC GLOBAL IMPACT OF MINING. WE BUILD RESILIENT ECOSYSTEMS THROUGH COMMUNITY INVESTMENT IN DIGITIZED ASSETS, MINE CERTIFICATION, CARBON OFFSETS, AND LAND RECLAMATION.

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Conventional mining fails people and the planet in the following ways:

1. ACCESSIBILITY

Physical mining for gold and other precious elements is still a highly-profitable industry. In some cases, it can also be notoriously corrupt or only available to those with deep international connections—or deep pockets.

Furthermore, hoarding non-industrial-use minerals means that much of the world's mined gold and precious metals goes straight to private bank vaults or national reserves.

HOW CAN WE MAKE THE MINING INDUSTRY ACCESSIBLE TO EVERYONE?

2. CLIMATE IMPACT

Today, our world requires conventional mining for industrial-use minerals like cobalt, iron, silicon, lithium, and other critical elements but it doesn't need to be so destructive.

Often, mining, especially in developing countries, is an under-regulated industry with a vast output of greenhouse gases (GHG) and catastrophic environmental impact.

HOW CAN WE MAKE MINING ENVIRONMENTALLY SUSTAINABLE?

3. COMMUNITY IMPACT

Irresponsible mining operations come at a great human cost. Conventional methods decimate natural ecosystems and prevent communities from engaging in traditional activities, while industrial mining releases hazardous chemicals, such as mercury, into the groundwater, rendering large areas uninhabitable

HOW CAN WE PROTECT VULNERABLE POPULATIONS EXPLOITED BY THE MINING INDUSTRY?

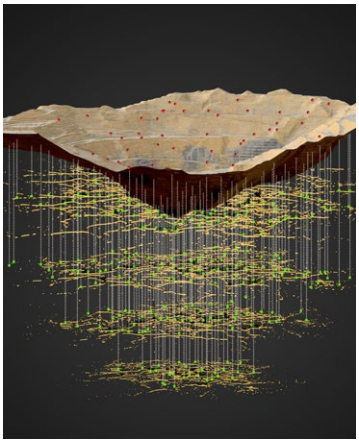






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Element United Solution to the problem of conventional mining:



1. ACCESSIBILITY

- Develop a unique NFT and Smart Node technology to digitize a mine's precious metals and leverage their real-world value for exchange on the blockchain.
- Create a digital marketplace for community members to join our mission by purchasing NFTs based on our assayed in-ground assets or operating Element Nodes and earning digital rewards.



2. SUSTAINABILITY

- Partner with mine owners globally to stop in-ground mining, especially in high-impact areas with vulnerable populations.
- Certify essential mining operations through the "Element Ethical Mining Certification" (EEMC) to help mine owners implement safe and sustainable mining practices.



3. PROTECTION AND RECLAMATION

- Fund philanthropic reclamation projects in communities damaged by prior mining activity.
- End child exploitation and unsafe working conditions and help guarantee fair wages for all laborers.

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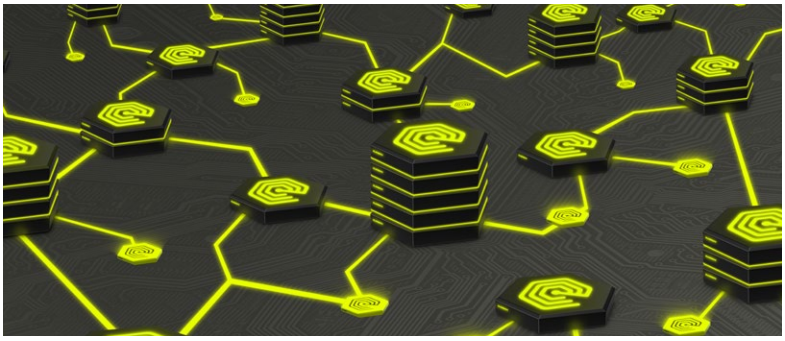
HOW OUR TECHNOLOGY WORKS

"WE CANNOT SOLVE OUR PROBLEMS WITH THE SAME THINKING WE USED WHEN WE CREATED THEM."

-ALBERT EINSTEIN

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Element Blockchain



ELEMENT'S BLOCKCHAIN IS AN INNOVATIVE HYBRID OF PROOF-OF-AUTHORITY BLOCKCHAIN CONSENSUS, HYPER-FAST IMMUTABLE LEDGER, AND PROOF-OF-ACTION DISTRIBUTED NODE NETWORK. BLOCKCHAIN TECHNOLOGIES ARE OFTEN DESCRIBED AS A STACK OF LAYERS, WITH EACH SUCCEEDING LAYER BUILDING ON THE PREVIOUS ONE'S SPEED, SECURITY, AND RELIABILITY.

LAYER 1

Element's first layer is the Ethereum blockchain, the decentralized, open-source blockchain with smart contract powers. It's where Element's ERC-20 token ELEMENT will live. Proof-of-stake (PoS) now underlies Ethereum's consensus mechanism, because it is more secure, less energy intensive, and better for implementing new scaling and layering solutions.

LAYER 2

Layer 2 is a hard fork of Ethereum, meaning developers at Element have split the blockchain into a new version that follows new rules. One of these new rules on layer 2 is the consensus mechanism, using proof of authority. Now, validator nodes approve transactions, consuming less time and energy than previous methods. It also processes transactions at a much higher rate. Layer 2 is where algorithmically generated reward distribution corresponding to identified action(s) associates with transactions validated on the Element Blockchain.

LAYER 3

On this layer, an immutable ledger operating with distributed nodes confirms user actions. Element's community does this in the real world: contributing to environmental reclamation projects, supporting exploited communities, and stopping harmful mining practices. These action points can be converted to Element Digital Rewards.

On top of these blockchain layers, we are building the Element ecosystem. That consists of multiple divisions:

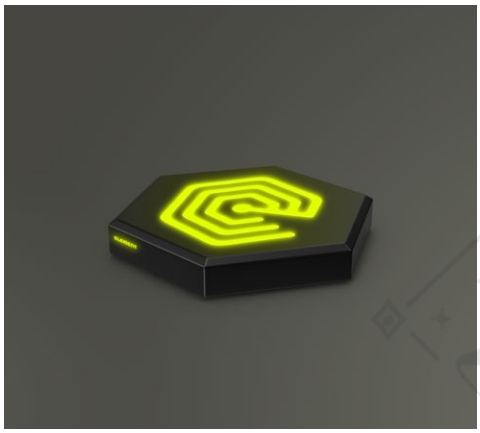
- The Element Ethical Mining Certification
- Carbon Offsets and Possible Tokenization
- Jewelry and Precious Metals E-Vault
- Communities and Gaming
- Element Marketplace

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Element Nodes

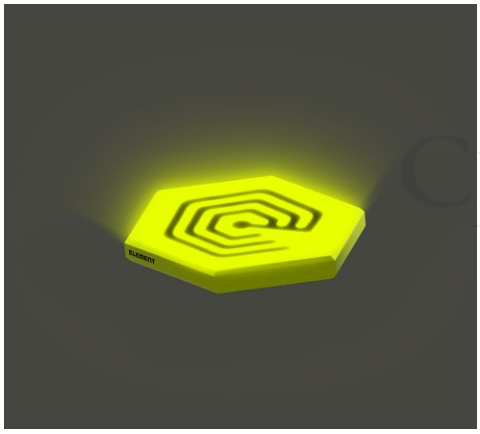
Element Software Nodes connect computers to the decentralized blockchain to help facilitate transactions on the blockchain, and, in return, algorithmically earn digital rewards from digital reward distribution.

These rewards can be redeemed in our growing digital marketplace or exchanged for real silver and gold coins ethically minted by Element.



SMART NODE

- 100,000 max supply
- Access to confirm transactions on the Element Blockchain
- 100 points for running a Node for 6 hours per 24-hour period
- One consensus vote per smart node
- Current price of $2,500 increases once the Node network and Element Digital Reward distribution is live.



LITE NODE

- Access to confirm transactions on the Element Blockchain
- 1 point for running a Lite Node for 6 hours per 24-hour period
- 0.004 consensus vote
- The value will always be 1/100 of a Smart Node,
- Prices will continue to increase alongside Smart Node prices.

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Digital Economy



ELEMENT UNITED DIGITAL REWARDS

ELEMENT Digital Rewards are generated by the blockchain and are cryptographically secured. Element Nodes earn these rewards by supporting and confirming transactions in the ecosystem of digitized mining.

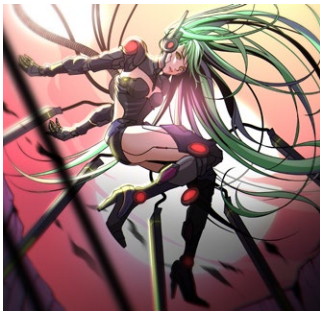
ELEMENT Digital Rewards can also be earned by playing the Element Game.



ELEMENT GAME

Element United will soon launch Gold Crew Atlas (GCA) to develop NFTs and a game that works within the Element digital economy. This collection and game will create gamification around Element United Committed mines and bring a larger audience to the Element mission.

This awareness will provide utility for the Element blockchain, give back to those affected by unsafe mining practices, and reward our Node and NFT holders and players of our game.

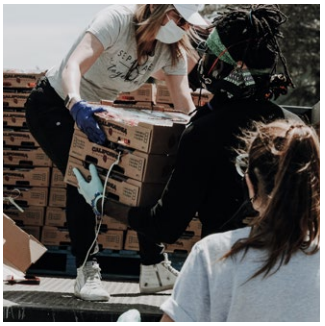


NFT COLLECTION

Element United will be releasing multiple NFT collections. Each collection will utilize information from real world mines and their 43-101 reports (Standards of Disclosure for Mineral Projects).

The GCA Genesis Collection is a PFP Utility NFT. It will look great, has rarity attributes based on an Element United committed mine, gives back to communities hurt by poor mining practices via mint day earnings and royalties, will integrate within the GCA game, and provide rewards to NFT holders.

The GCA Genesis Collection will be launching in Q1 2023. There is an exclusive Allowlist for Element Smart Node holders.



HUMANITARIAN AND RECLAMATION PROJECTS

Element United will donate 5% of mint and royalty revenue from our NFT collection to humanitarian efforts dedicated to providing relief to communities negatively impacted by mining. These funds will be in a public wallet where we will share details and photos of our humanitarian and reclamation efforts.

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ELEMENT DIVISIONS

ELEMENT UNITED HAS 5 DISTINCT PRODUCTS:

-ELEMENT ETHICAL MINING CERTIFICATION (EEMC)
-CARBON OFFSETS & POSSIBLE TOKENIZATION
-E-VAULT
-GAMING & COMMUNITIES
-MARKETPLACE (GOLD/SILVER/SWAG)

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Element Ethical Mining Certification

Beginning 2023, the “Element Ethical Mining Certification” (EEMC) aims to facilitate a solution for sustainable mining and production practices from extraction to the consumer; to independently assess and certify the environmentally and socially responsible production of mined elements; to establish credibility between governments, mine owners, third-party agencies, local communities, and other vested stakeholders using an immutable ledger system facilitated by blockchain technology.

The EEMC will be ethically designed to adhere to a range of safeguards from the moment of resource extraction, then through its activities, governance, methods, and environmental impact to guarantee the sustainability of the entire mining-to-consumer ecosystem.



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EEMC Objectives

Mines can operate cohesively with surrounding communities and advocate for the environment while promoting local businesses, improving livelihoods, and creating jobs. With a certification process, we will ensure higher standards where mines can also create an ethical economy aimed at improving:

VERIFIED CHAIN OF CUSTODY:

Guarantee the origin and ethics of elements by adopting sustainable protocols, consistency of monitoring with spot-check audits, and using blockchain technology from the point source of extraction across the supply chain.

ETHICAL STEWARDSHIP:

Ensure compliance with environmental, social, and governance (ESG) requirements. Provide for land reclamation, rehabilitation, and community-driven reforms to enable ecosystem resilience.

ACHIEVE CLIMATE NEUTRALITY:

Realize climate neutrality by engaging with the most rigorous climate protocols to counter both current and former emissions to demonstrate the mine's commitment to environmental protection

SUSTAINABLE PRODUCTION PRACTICES:

Mitigate or counteract environmental and human health effects while upholding proper business integrity and ensuring a transparent work process that customers can trust.

SUSTAINABILITY INVESTMENTS:

Invest in initiatives that strive for societal equity while protecting clean air and water and conserving the climate and endangered ecosystems.

These initiatives will allow people in these communities to benefit from economic growth and quality of life due to increased employment opportunities and improved living conditions.

Mining can be a progress engine for a prosperous future for all parties involved - miners, investors, and local community members.

COMMITTED TO LEAVING BEHIND A SAFER, MORE EQUITABLE WORLD

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Future Carbon Offsets & Possible Tokenization

DIGITAL REWARDS

Keeping rare earth elements in the ground prevents several thousand metric tons of carbon from being released into the atmosphere daily. But when mining is deemed necessary, carbon offsets or credits are one way to ensure we maintain carbon neutrality to help preserve our planet. [1]

> A SINGLE CARBON CREDIT REPRESENTS ONE METRIC TON OF CARBON DIOXIDE THAT HAS EITHER BEEN CAPTURED OR OTHERWISE PREVENTED FROM ATMOSPHERIC POLLUTION. AUTHENTICATION AND VERIFICATION OF CARBON CREDITS IS A COMPLEX ENDEAVOR, BUT PRESENTS OPPORTUNITIES FOR MINES TO BECOME EVEN MORE SUSTAINABLE. [2]

Carbon tokenization means that Element United can use blockchain technology to securely and efficiently track, trace, and transfer carbon volumes kept in-ground when mines lower or shutter production. Element United will be able to validate in real-time each metric ton of carbon we list on the blockchain and make transactions more efficient and transparent, help create liquidity for the carbon transaction market, and prevent double-counting claims. [3]

1. https://www.c-resource.com/2022/03/31/good-as-gold-how-can-miners-avoid-esg-pressures-tainting-the-precious-metal/
2. https://climate.ec.europa.eu/eu-action/eu-emissions-trading-system-eu-ets_en
3. https://www.climatechangenews.com/2022/08/19/world-bank-launches-carbon-credit-blockchain-registry-to-attract-crypto-investors/

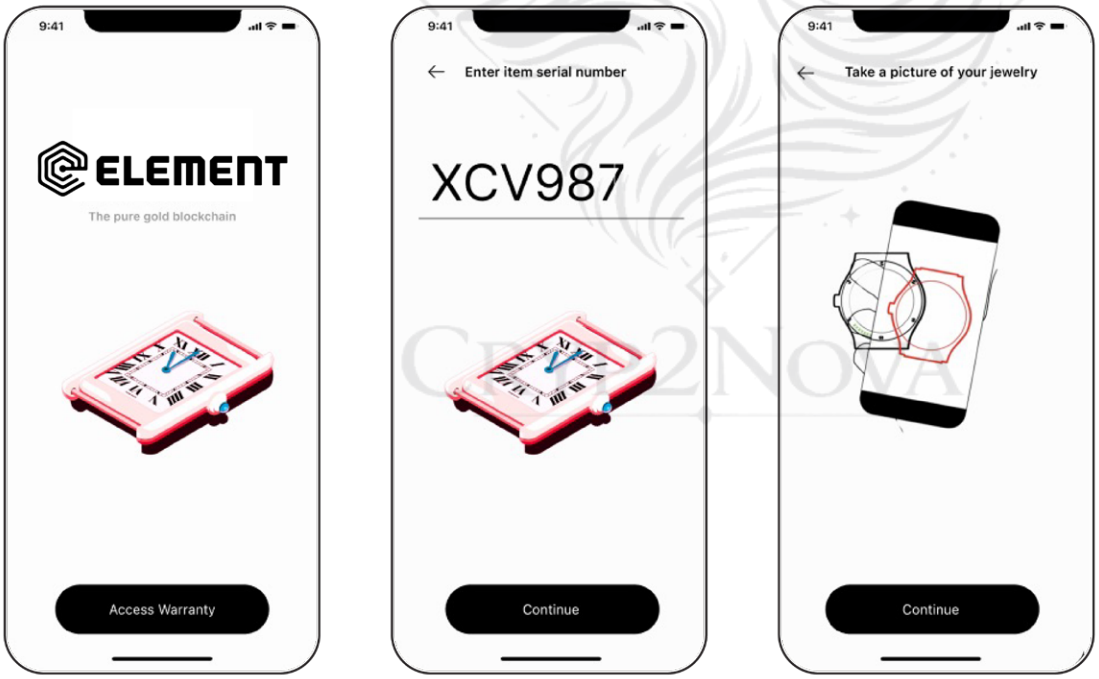
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E-Vault

The mining industry needs a digital chain of custody: A linear ecosystem of NFTs that tracks a precious element from the mine all the way to your finger or wrist as a finished piece of jewelry.

Element United is creating an E-Vault system of NFTs to protect your precious elements with a digital proof of ownership for every step of the journey. This will allow owners to:

- Maintain proof of origin for all fine jewelry
- Verify and substantiate ownership for resale
- Provide digital evidence of warranty
- Verify ethical and sustainable sourcing of heirlooms



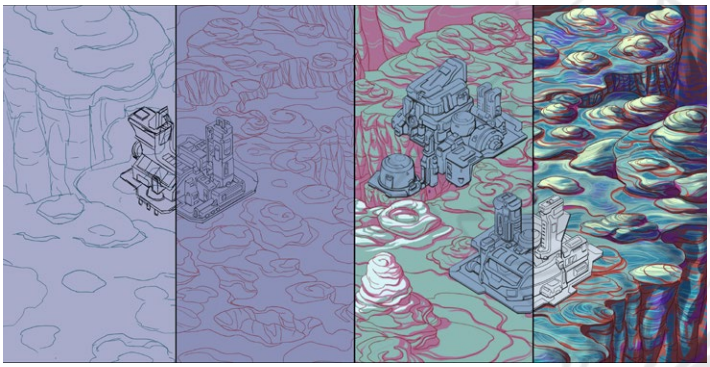
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Gaming & Communities

ELEMENT GOLD CREW ATLAS GAME

The year is 3025, and Earth needs your help to replenish resources from the outer reaches of space. Gold Crew Atlas (GCA) will be a Free to Play (F2P) idle browser game. Anyone will be able to play for fun, but if you are a GCA NFT holder, you will gain access to unique experiences and the ability to earn Element Digital Rewards.

These rewards can be turned into the Element Marketplace for things like swag, other NFTs, and real gold and silver. Play our unique mining game straight from your web browser and upgrade your team and tech to expand your operation to save the earth.





THE FUTURE OF ELEMENT NFTS AND GAMING

Gold Crew Atlas will be the tip of the iceberg in Element United's mission to create unique experiences that grow the Element Digital Economy, give back to communities, and reward holders.

- Anticipated NFT collections with visuals and utility specific to the mines they represent, i.e.. A Ghanaian mine celebrating the people and culture of that area.
- Planned Mobile, Indie and AA games utilizing the newest technologies like augmented reality, virtual reality, artificial intelligence and more. ie. An AR mining game where you discover mining nodes in the real world and use your operation to excavate those resources before anyone else.
- An expanded Element Marketplace where game NFTs will be created and sold to enhance your gaming experience.

GRAB HOLD OF AN ELEMENT NFT & GRAB AHOLD OF A DIGITAL MINING PICKAXE

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Element Marketplace

Element United's marketplace is where users will come to exchange and use their Element Digital Rewards.

The initial phases of the marketplace will look and act very similar to a standard shopping cart experience. The marketplace will continue to grow and expand with our products and technology, and Phase 2 and 3 is where it will become a fully-integrated digital experience.



PHASE 1:

The Marketplace will allow users to purchase paraphernalia such as t-shirts, hats, and Element branded accessories using Element Digital Rewards, USD, and other cryptos.



PHASE 2:

The Marketplace will incorporate the digital assets of our entertainment platforms and games. This will allow users to purchase, transfer and utilize NFT and gaming assets and tie them to their respective wallets.



PHASE 3:

The Marketplace will achieve full functionality, with the technological power necessary to allow users to exchange their digital assets, including Element Digital Rewards. Users running Element Nodes will significantly benefit from this feature since it will allow them to easily exchange their Element Digital Rewards for ethically-mined real gold and silver.

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PHASE 4:

The Marketplace will incorporate our humanitarian and give-back initiatives. Users can purchase goods and services for donation to areas of the world negatively impacted by mining and specifically to regional communities in developing countries. For example, if a user wants to purchase a goat for a family charged with mine reclamation, the user may do so. An Element United partner or representative would deliver the goat to the family.



The Element Marketplace will be a place where users can support Element United's Mission in multiple ways. We are excited to see how this critical feature contributes to community engagement and global connection.

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Element's Humanitarian Initiatives

First, mining companies that employ slave labor, child labor, unsafe working conditions, or any other human exploitation must be stopped. The Element Certification Process ensures that mining operations do not engage in these dangerous and unhealthy conditions.

When a mine commits to Element Certification, they must comply with specific anti-exploitation safeguard requirements for all of their workers and a commit to "give back" initiatives supporting local communities.

Second, when a mine commits its assayed assets to the blockchain and stops mining, we create new digital economies around these mines through NFT and play-to-earn games.

These NFTs will be representative of the communities near the mines. For example, if a mine in Ghana commits to stop mining, the NFT collection created to represent that mine would reflect the surrounding community, including local animals, the surrounding environment, and the Ghanaian people themselves.

The games will also mirror the attributes of the original mine (environmental factors, location, gold quantity, location, and more.). A portion of the NFT and game revenue will be allocated to these communities through reclamation projects, employment opportunities, schools, roads, and other dedicated initiatives.

> WE UNDERSTAND THAT MANY COMMUNITIES RELY ON MINING TO SUPPORT THEIR FAMILIES. THE GOAL OF ELEMENT UNITED IS TO CREATE BETTER OPPORTUNITIES FOR THESE COMMUNITIES SO THAT THEY CAN STOP MINING WITHOUT SUFFERING FINANCIALLY.

By developing reclamation projects, initiating new farming practices, creating new jobs, and supporting local causes, Element United believes we can create better opportunities that revitalize local economies outside the mining industry.

We also believe that mining companies that pledge to mine responsibly should abandon exploitative practices and provide all workers with fair wages and safe working conditions.

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Invest in a Sustainable

Element United strives to bring sustainability, transparency, and responsibility to the mining industry through our ethical mining process, utilization of blockchain technology, and the ability to tokenize assayed in-ground assets and carbon. We envision a world where mines can operate cohesively with surrounding communities and protect the environment while promoting economic growth, improving livelihoods, and creating jobs through The Element Certification Process.



THIS IS YOUR GOLDEN OPPORTUNITY

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