



Real Earth Elements

A token project contractually backed by the profitability
of 'Real Earth Elements'

WHITE PAPER



An Enterprise-Backed Dividend-Token (EBDT)

www.RealEE.co

CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This whitepaper contains forward-looking statements or information (collectively “forward-looking statements”) that relate to BiField Trade Resources, Ltd. (BiField), a Seychelles Limited Corporation, current expectations, and views of future events. In some cases, these forward-looking statements can be identified by words or phrases such as “may”, “will”, “expect”, “anticipate”, “aim”, “estimate”, “intend”, “plan”, “seek”, “believe”, “potential”, “continue”, “is/are likely to” or the negative of these terms, or other similar expressions intended to identify forward-looking statements.

BiField has based these forward-looking statements on its current expectations and projections about future events and financial trends that it believes may affect its financial condition, results of operations, business strategy, financial needs, or the results of the coin sale or the value or price stability of REE Tokens.

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Introduction

The Real Earth Elements¹, REE Token has been designed to facilitate crowd funding, and enable the public to participate in the profitability of 'Real Earth Elements' – initially copper – mining (the underlying enterprise). It is a decentralized financial (DeFi) derivative, contractually backed by the physical mining operations of "Kryptk Pacific Minerals" and its partners and subsidiaries.

This financial structure allows REE investors to earn passive income² based on the mining enterprise's performance. With the backing of real-world mining profitability, REE Token dividends allow us to position REE Tokens as an enterprise-backed dividend-token (EBDT). In this regard, REE, when staked, will represent a share of profits that investors in REE will receive³ from the mining and processing activities of "Kryptk Pacific Minerals" and its partners⁴.

The REE Token was created to enable exposure to extremely important natural resources, namely copper, gold, iron ore and other mined elements and minerals. REE Token thus serves as a store of value, and an income producing digital asset as demand for yield-bearing instruments continues to grow unabated.

Today, we have considerably more options to help preserve capital and gain access to investment opportunities in the western world. However, the rest of the world consists of fragmented data and few opportunities to invest in commodities like Real Earth Elements. The REE Token strives to harmonize the new era of blockchain technology, the critical mining of "real" earth elements and provide access to the "real" earth elements commodities market for everyone.

The team behind REE Token holds many years of experience in both physical resource development and trading, traditional and decentralized finance, legal and technology expertise, as well as many other key areas of business. This project provides access to tokenized investments, allowing investors greater financial flexibility and capital efficiency.

The vision of REE's enterprise partner (Kryptk Pacific Minerals) is to expand mining operations in current locations, exercise options for the lease or purchase of additional mining sites and to expand / grow both REE and the underlying mining enterprise operations. These endeavours will serve the investors in REE by increasing dividends, which in turn will likely have a positive correlation on the price of each REE Token. While initially focusing on copper, we plan to eventually create financial instruments backed by all the elements that are feasible.

¹ The Real Earth Elements Tokenization Project is administered and managed by Dividend Tokenization Solutions, a Bahamian IBC in partnership with Kryptk Pacific Minerals, a Wyoming corporation.

² REE Staking is required to receive dividend pay-outs.

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⁴ REE and Kryptk Pacific Minerals engage in strategic partnerships, Joint Ventures and other geographically and financially appropriate investment structures with mining operations throughout the Pacific Rim. It is the primary goal of REE to expand its investment in partner mining operations throughout the Pacific Rim. REE stakers will receive dividend pay-outs from all related expansions in "real" earth elements mining regardless of location or specific elements.



Benefits of REE

Enterprise-Backed Dividend-Token (EBDT)

Each REE Token is contractually backed by the real-world profitability of “real” earth elements mined by REE’s physical mining partner(s).

Staking Dividends

Staking Dividends REE holders that choose to stake the token will receive payments based on mining profits. The payments will be made in REP tokens (more on the dual-token system in the staking section) which can be claimed directly to REE wallets via a smart contract. Consequently, holders of REE are encouraged to have a REE wallet, or use the RealEE.co online bulletin board, for staking purposes. While you may buy and sell tokens on the bulletin board or over the counter, REE Tokens are designed to be staked for earning in line with physical mining profits.

Price Stability

Enterprise Backed

Representing the mining enterprise’s profitability, REE Token offers its investors and holders risk diversification and a hedge against market volatility.

Staking Program

The REE dividend staking program is designed to reduce the total supply of (so-called free float) REE on the market at any given time to further stabilize pricing and encourage long term market growth.

In any given period, there will be tokens that are not staked. Those holding these tokens will therefore not receive a dividend. The dividends related to these tokens will be used to benefit the REE Token through maintaining price stability, providing liquidity, or they will be returned to the reserve pool and removed or withheld from circulation⁵.

REE Internal Staking Share / Repurchase

Upon the initial release of all blocks of REE to the market (Pre-sale, exchange listing, etc.) REE management will maintain 5% of the total circulating Tokens of REE as fully locked and staked⁶. The staking dividend pay-outs from this staking batch will only be used for mining expansion or for the repurchase of outstanding tokens⁷ – in the interest of reducing the available supply and promoting price stability.

⁵ Token removed from circulation will be returned to the reserve pool, tokens withheld from circulation will remain in the reserve pool.

⁶ The fully locked and staked tokens will never be released or available for sale / purchase. Some percentage will also be used to support local communities, reforestation and other social conscious processes to ensure reduced environmental impact.

⁷ Repurchase timing will be determined by market conditions (e.g., when the price is low or falling).



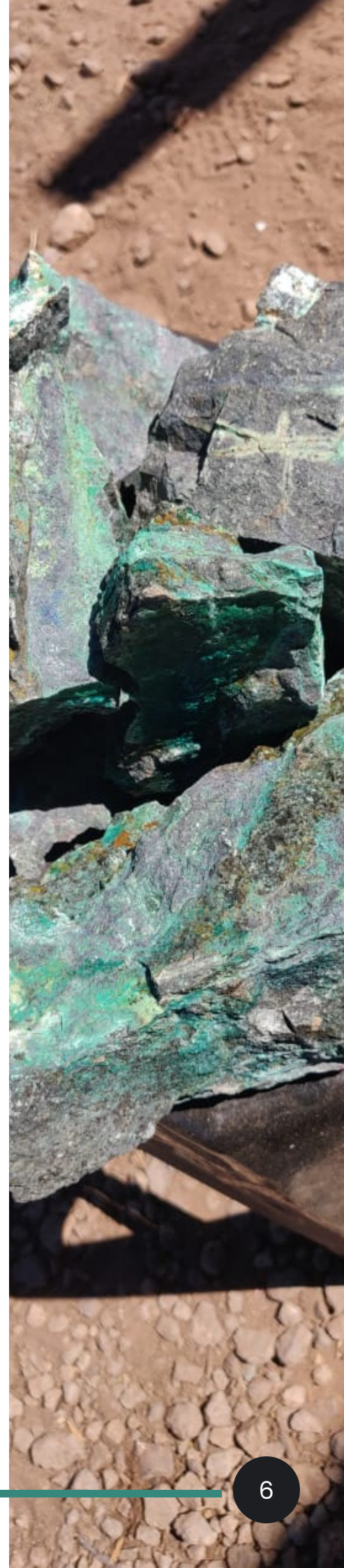
Benefits of REE

Physical Mining Operations

Real Earth Elements, is partnered with “Kryptk Pacific Minerals”, who today operates multiple mining concerns in Chile, totalling over 5000 hectares. Proceeds from the sale of REE will allow for additional mine acquisitions and partnerships and further increase the income potential of a REE investment.

Dividends from Mining Profitability

REE Stakers will receive dividends as passive income.





Project Summary

REE builds on the DNA of cryptocurrencies and their underlying blockchain technology. This innovation-driven project is backed by a strong technical infrastructure, which delivers key improvements; including the introduction of a dividend based passive income investment vehicle, and a proven development strategy that creates real intrinsic value resulting from the future income potential of staking REE.

The unique model of the venture consists of a decentralized financial (DeFi) exotic derivative based on the REE cryptocurrency which is contractually backed by the real-world profitability of Real Earth Elements' physical mining operations arm, a "real" earth mineral exploration team, mining operations and processing business enterprise. Through strategic acquisition of other "real" earth mineral assets both in Chile and internationally, Real Earth Elements intends to stabilize the REE cryptocurrency and provide true value for REE Token holders and income to REE stakers.

As part of REE's economy is the operational profitability of the underlying physical mining business. A portion of the operational profits will go towards capitalizing on the development of the real-world mines in North and South America, the Philippines, and beyond to increase the value and income basis of REE Tokens.

An integral aspect of the REE economy comes from token holders staking their REE Tokens. Stakers of REE Token will receive dividend payments (paid in REP), based on mining profits, to their REE wallet.



The Need for Enterprise-backed Tokens

While price volatility in cryptocurrencies may be welcome and even desirable for short-term traders, it can be an irritant for long-term minded investors. In either case, even on the best day, margin traders lose money to volatile market movements. REE enterprise-backed tokens combine the benefits of cryptocurrency trading with more traditional investment for long-term price appreciation.

Proprietary Bulletin Board

REE Tokens will be listed on 'Real Earth Elements' private proprietary bulletin board which can be found at RealEE.co. For security against short term traders, so-called pump-n-dump campaigns, and other common issues associated with public listing-exchanges, the RealEE.co bulletin board provides a level of security and confidence not currently associated with cryptocurrency listings.



Demand and Growth Outlook for Real Earth Elements

The world of commodities over the past 15 years has been roiled by a “supercycle” that first sent prices for oil, gas, and metals soaring, only for them to crash. While the world’s population grows at an ever-increasing rate, so does mineral consumption as societies look to improve global living standards. Now, as resource companies and exporting countries pick up the pieces, they face a new, disruptive era. Technological innovation—including the adoption of robotics, artificial intelligence, Internet of Things technology, and data analytics—along with macroeconomic trends and changing consumer behaviour are transforming the way resources are produced and consumed.

A McKinsey Global Institute report, “Beyond the Supercycle: How Technology is Reshaping Resources”, focuses on these three trends and finds they have the potential to unlock approximately \$900 billion to \$1.6 trillion in savings throughout the global economy by 2035, an amount equivalent to the current GDP of Canada or Indonesia. At least two-thirds of this total value is derived from reduced demand for energy as a result of greater energy productivity, while the remaining one-third comes from productivity savings captured by resource producers.

Demand for a range of commodities will most likely peak in the next two decades, and prices may diverge widely. How large this opportunity becomes depends not only on the rate of technological adoption but also on the way resource producers and policy makers adapt to their new environment.

World demand for minerals will be affected by three general factors: Uses for mineral commodities, the size of the populations consuming these mineral commodities, and the standard of living that will determine just how much each person consumes. As new materials and applications are found, markets for mineral commodities will expand considerably.

Global mineral reserves are large and seem adequate for the next 50 years or so when considered as a single international statistic. But it is important to remember that these reserves are made up of many separate deposits, all of which have to be considered in a local context. Each of these deposits is subject to geologic, engineering, economic, environmental, and political constraints that undergo continuous change. By 2050, global demand for minerals will be 60% higher than it is today. Will the earth have adequate supply? REE and its partners endeavour to contribute to ensuring it does.



REE Economy

Initial Fund Raising

Amount of Pre-Sale Proceeds: Based on the assumption that all rounds of REE's private and public presales will be fully subscribed, the total amount of gross proceeds are expected to reach up to \$30,000,000⁸.

Total Tokens: A total of 750,000,000 (750 million) REE will be released by Real Earth Elements.

Distribution of REE: Management and employees will own 6% and 2% is reserved for advisors and contracted professionals – These amounts will be locked or staked for a period of 2 years after RealEE.co bulletin board goes live.

Use of Proceeds: A significant amount of all Token Sale proceeds will be used for assets acquisition, maintaining current operations, and price stabilization. Proceeds will be used to fund large-scale test excavation and relocation of ores, element concentration, separation, and refining. Management further intends to acquire strategic assets to stabilize Real Earth Elements' value, and so will, when appropriate, pursue a public coin sale.

⁸ Based on current presale discounts as of 6/28/2021





Staking: Economy of Dividend Incentives

REE Tokens will create an incentive-based ecosystem, promoting price stability through limiting the circulating supply as investors lock-up and stake their REE investment.

“Staking Dividends”: A REE holder who wishes to participate in quarterly dividend pay-outs must stake their REE in the REE wallet. Once staked, pay-outs are determined by and subject to the current terms of the Staking Dividend smart contract. By incorporating these Staking Terms in REE’s algorithm and the ERC-20 smart contract, participants will qualify for passive REE dividends.

Dual-token System

To ensure stability, scalability and compliance we found that it would be beneficial to the ecosystem to introduce a secondary token – REP.

The REP (Pegged) token, will be pegged 1:1 to USDC and will be the mechanism with which dividends are paid out to REE stakers.

REP is a modified ERC-20 token, which is only minted quarterly, to distribute dividends to REE stakers, and is, as such, non-dilutive. REP is non-tradable (aside from the one way redemption-relationship with REE) and the supply of REP is infinite.



The price relationship by which the dividend is paid out; we use a price oracle that uses the 7 days average price of REE prior to the dividend payout to prevent manipulation of price, to try to increase the dividend payouts denominated in REP.

The REP token is merely a mechanism for distribution of dividends, and there may be other utility added to the REP tokens, such as adding further staking bonuses, community incentives, access to other commodities or ecosystem tokens etc. Non-stakers will not be able to attain the REP token at this time.

As the dividend is declared, there will be a cash amount that will be used to buy back REE strategically from the market, to always be able to meet the liquidity demand of redemption of REP to REE in the smart-contract.

While there is currently only plans in place to keep REP to REE a one-way relationship, there may be future changes, where you can convert REE for REP. In that case, there will be a small fee, paid in REE Tokens, which will be burned, making REE deflationary.

Staking Details and Definitions

Total Quarterly Dividend: The full amount of profit from real-world operations that will be available, each quarter, for dividends to REE stakers¹⁰. Dividend percentages, per token, will be in-line with real world commodity stock dividends as determined by the company.

Total Potential Per-Token Dividend: Each token has a potential quarterly dividend pay-out. This can be calculated by dividing the 'Total Quarterly Dividend' by 'Total REE Tokens in Circulation'.

¹⁰ Full Dividend Amounts are calculated based upon the Gross income less REE's portion of operating expenses, capital expenditures are not subtracted from income in the dividend calculation.



REE Stake Level Dividend: The percentage of the 'Total Potential Per-Token Dividend' paid on each token staked.

REE Stake Levels: The amount of REE being staked at the time of dividend pay-out determines the REE Stake Level and percentage of dividend percentage (for this purpose, REE is calculated in USD).

REE Stake Levels				
\$1,000+	\$10,000+	\$30,000+	\$100,000+	\$400,000+
20%	30%	40%	55%	75%

(e.g., a qualifying staking of \$30,000 and \$100,000 on month-to-month term would receive a REE Stake dividend of **40% of the potential dividend**, per qualified quarter, of the total potential dividend).

REE Stake Bonus: An additional percentage added on top of the REE Stake Level (e.g., 3-month will add 3% on top of the REE Stake Levels Dividend)

REE Stake Bonus ¹¹				
M-to-M	3 month	6 month	9 month	Annual
0%	3%	8%	15%	25%

(e.g., a qualifying staking of between \$100,000 and \$400,000 on an annual term would receive a REE Stake dividend of **80% of the potential dividend** (55% for the REE Stake Level + 25% for the term) on the staked amount, per qualified quarter, of the total potential dividend).

Stake Batch: Each group of staked REE is locked-in for the duration determined at the time of initiating each specific Batch. Additional REE acquired as dividends or through purchases cannot be added to the previous Lot or Batch until that Batch's staking period has ended.

Qualifying Stake: To Qualify for REE Stake Level dividends a qualifying number of tokens, as determined by the then published REE State Level table (at RealEE.co), must be staked in the REE app at least 45¹² days prior to the close of the following quarter. To Qualify for REE Stake Bonus, the REE must be staked for the published Terms (currently from 3-12 months).

Stake Renewal: Unless the REE wallet holder intervenes and selects a different option, all batches will automatically renew at the previous batch size and staking term.

Rewarding REE Token stakers incentivizes long-term holding, which will provide stability that is not present in most cryptocurrencies. Hence, REE believes staking will reduce instability and give investors with a long-term vision, a favourable outcome over investment in other cryptocurrencies.

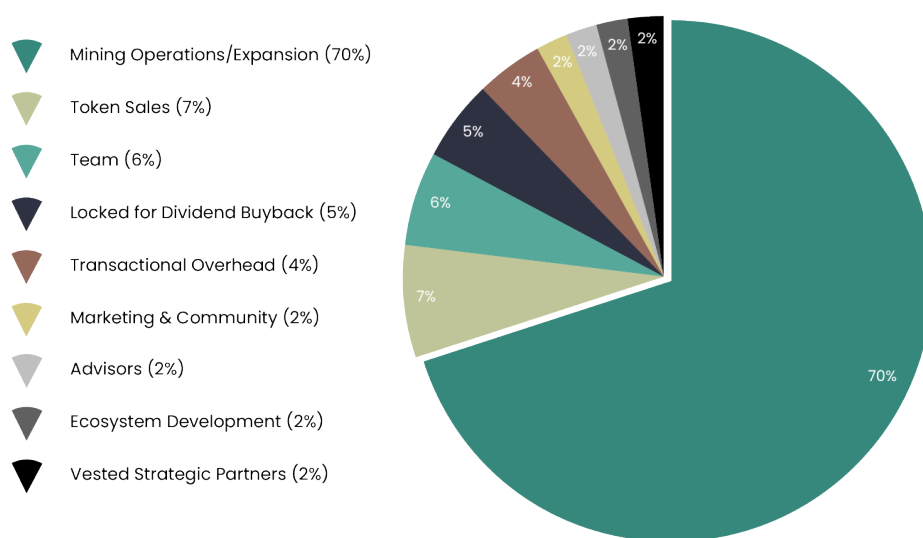
¹¹ Subject to change.

¹² Subject to change.

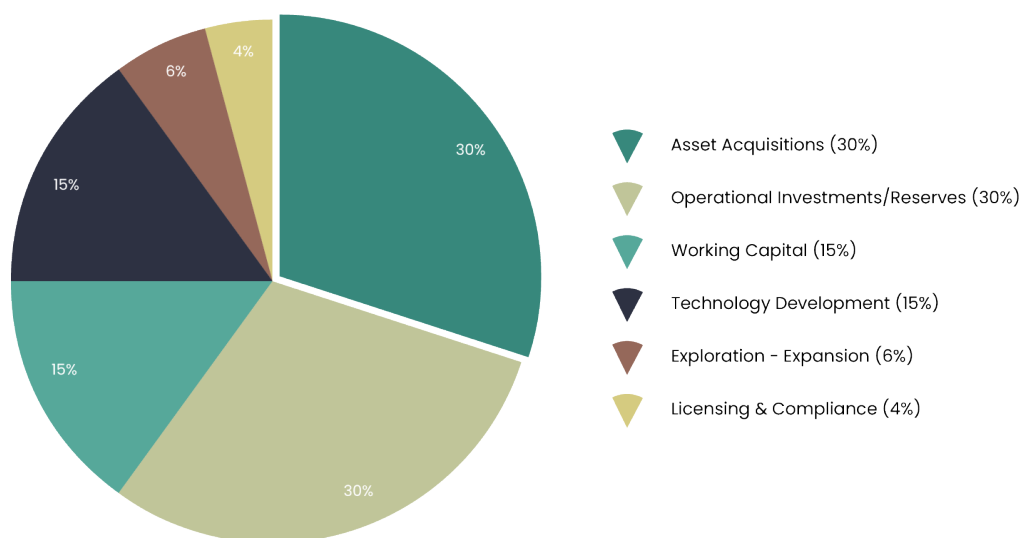


Tokenomics

Token Allocation

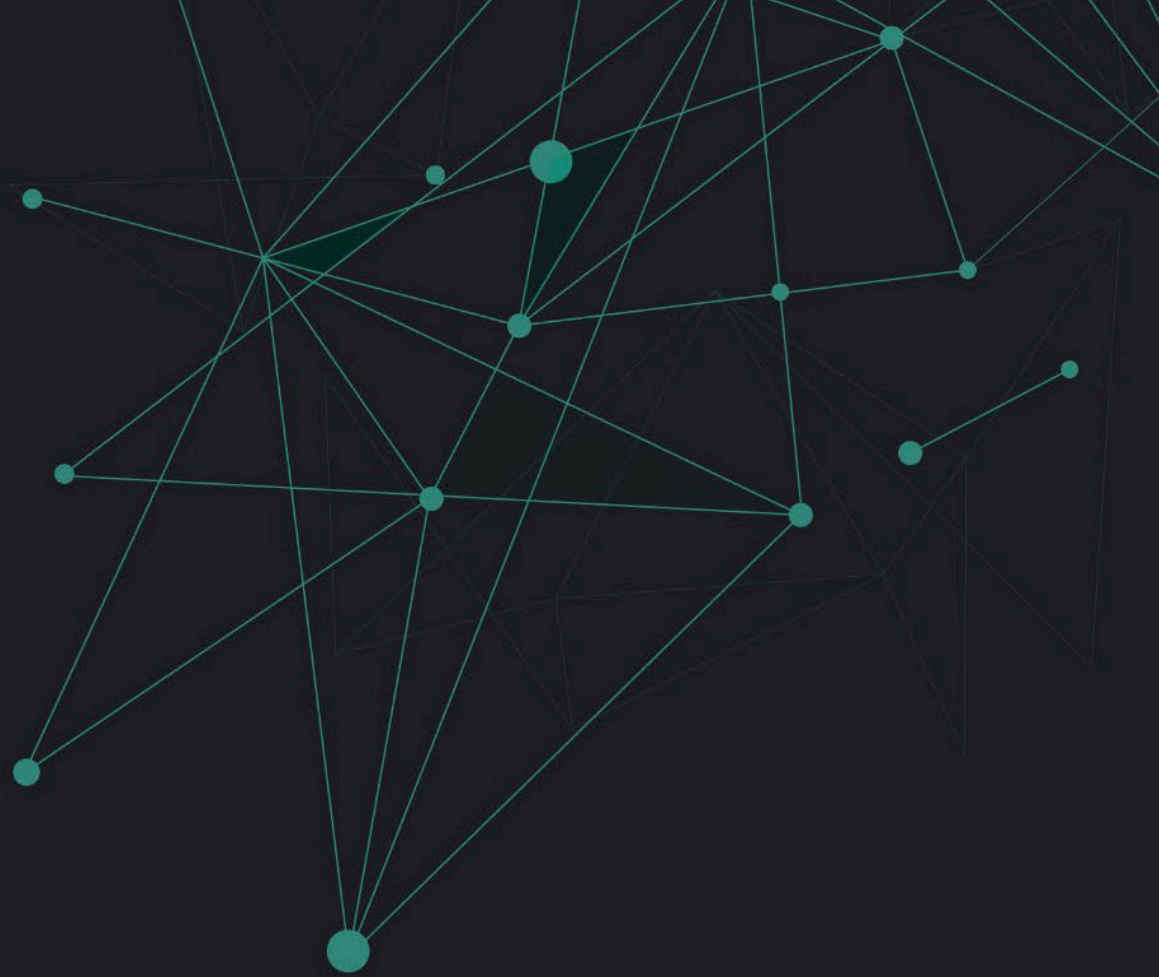


Use of funds



* Please note: REE will dedicate a certain percentage of dividend buybacks to ecological and human environmental initiatives related to partner mining operations.





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