

INTRODUCING
THE KWATT COIN

~ TOKENIZED ELECTRICITY ~

POWERED BY



4NEW

POWER TO THE PEOPLE
LITERALLY



DISCLAIMER

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This document and any other 4NEW documents do not constitute a prospectus of any sort and are not a solicitation for investment. The KWATT Coin does not represent an ownership or share in ANY public or private corporation, or other entity in any jurisdiction. The KWATT Coin is a coin that can be used to purchase goods and services within the 4NEW ecosystem.

Acquisitions of KWATT Coins through the initial coin offering are non-refundable. KWATT Coins are only to be used in connection with 4NEW. Any acquisition and use of KWATT Coins carries significant financial risk, including the use of experimental software.

Except where specifically indicated, the statements and information set forth in this Whitepaper are not intended to recite current or historical facts, and constitute forward-looking statements. Forward-looking statements may include the words “may,” “will,” “could,” “should,” “would,” “believe,” “expect,” “anticipate,” “estimate,” “intend,” “plan” or other words or expressions of similar meaning. These forward-looking statements are based on the current beliefs, plans, objectives, goals, expectations, anticipations and/or intentions of 4NEW with respect to future events. Although 4NEW believes that the expectations reflected in the forward-looking statements are reasonable, 4NEW cannot guarantee the successful establishment or operation of its systems and business or any future results, level of activity, performance or achievements.

Many factors discussed in this Whitepaper or otherwise affecting the matters discussed herein, some or all of which may be currently unknown to 4NEW or beyond 4NEW’s control, will be important in determining the ability of 4NEW to establish and operate its systems and business. Consequently, actual results may differ materially from those that might be anticipated from the statements and information set forth herein. In light of these and other uncertainties, the statements and information set forth in this Whitepaper are for informational purposes only, should not be relied upon in making any purchase or other decision, are subject to change, and are not intended to establish or indicate any representation, warranty, commitment, undertaking, promise or contract made on the part of 4NEW to any person. 4NEW does not undertake any obligation to publicly update any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. **ADDITIONAL RISKS HIGHLIGHTED ON THE WEBSITE.**

Ladies and Gentlemen,

The team at 4NEW is proud to announce the world's first ever coin that embodies electricity. Our product is grounded in necessities, solving two global & social problems; waste surplus and energy shortfall.

Our blockchain platform will be built on top of the underlying waste treatment infrastructure covering the entire supply chain from collection of waste to generation of electricity to application of it within the cryptocurrency transactions processing.

Given the utilitarian nature of our services, it is our belief that 4NEW will successfully integrate the blockchain network within the real world applications of energy consumption by the crypto community leading to widespread mainstream adoption.

Our seasoned management team, with over 300 years of collective experience, brings a vast and diverse perspective that has enabled 4NEW to explore rare and unique opportunities. We are excited to present a solution such as ours that will revolutionize and standardize four industries, Crypto-mining, blockchains, Waste Management and Energy, creating disruptive economies of scale on a global level.

Regards ,

Sandeep Golechha

Chief Executive Officer

PROBLEM

Cryptocurrencies global market capitalization has surpassed \$500 billion USD rising over 2000% in 2017. This trend is expected to continue for the foreseeable future as businesses increasingly embrace the elegant design and transparency the blockchain offers to all.

However, as of December 2017, Bitcoin mining energy intake has officially surpassed the entire energy consumption of Denmark. As the difficulty of mining increases to reflect the influx of miners joining the network, this energy consumption will increase.

The most astounding aspect of this is that the rate of expansion is exponential. At the current rate of consumption, next year Bitcoin mining will consume enough energy to be listed as the twentieth country in the world by energy consumption. The model is simply unsustainable. The world relies primarily on the production of energy from the burning of coal and oil, which not only damages the environment, but the economy as a whole. If Bitcoin has a great enough impact on the world's coal and oil supplies, the cost of a kilowatt will rise globally.

The more valuable one bitcoin becomes, the more energy will be used to mine that coin, therefore with price spikes, come energy spikes. This will go on until energy around the world will cost much more than it does currently, as a result of increased demand from miners globally.

KEY NETWORK STATISTICS ¹

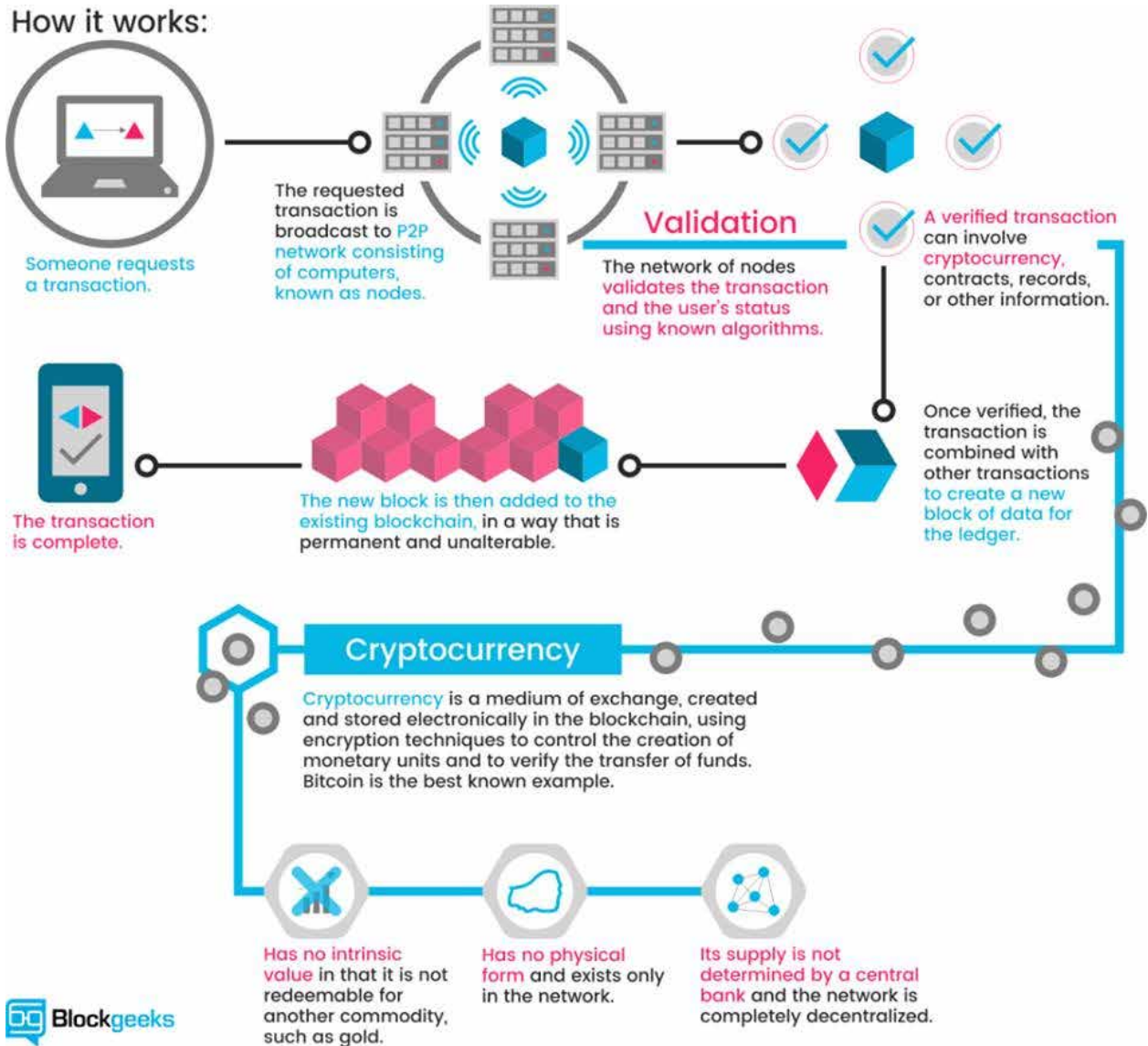
KEY NETWORK STATISTICS	BITCOIN	ETHEREUM
Network's current estimated annual electricity consumption* (TWh)	37.02	10.55
Annualized global mining revenues	\$19,107,870,821	\$7,125,662,989
Annualized estimated global mining costs	\$1,850,968,079	\$1,265,551,175
Country closest to in terms of electricity Consumption	Qatar	Georgia
Electricity consumed per transaction (KWh)	262	33.00
Number of U.S. households that could be powered in a year	3,427,719	976,506
Number of U.S. households powered for 1 day by the electricity consumed for a single transaction	8.85	1.12
Bitcoin's electricity consumption as a percentage of the world's electricity consumption	0.17%	0.05%
Annual carbon footprint (kt of CO ₂)	18,139	-
Carbon footprint per transaction (kg of CO ₂)	128.35	-

NOTE¹ - Data as of December 25, 2017. Data provided by Digiconomist Energy Consumption Index. <https://digiconomist.net>



A CRYPTOCURRENCY TRANSACTION

How it works:



4NEW SOLUTION

4NEW is the world's first eco-friendly, tangible, waste to energy blockchain solution. The concept is quite simple, the process of refining waste product into water and organic materials creates energy and that is then leveraged to either be sold to the national grid or applied to operate mining processes at its onsite mining farm.

The cost to produce the energy is met through the revenue generated from the waste collection services and sale of byproducts facilitating a sustainable operation at breakeven or a marginal profit. Therefore, the energy produced is unencumbered and freely available for utilization or sale to the national grid.

Historically, the price of 1 kilowatt has been very stable for the past fifty years at approximately \$0.15 globally, inflation adjusted. This trend is expected to continue for the foreseeable future in lieu of technological innovations. However, the wild card that no one has truly evaluated is the exponential acceptance of the blockchain worldwide leading to a massive spike in energy consumption by cryptocurrency mining that could drive the price of energy up globally. 4NEW has the unique opportunity to apply this finite lifetime supply of energy to its coin, namely, KWATT. The 4NEW coin symbol is KWATT². Each KWATT Coin embodies within it, 1 kilowatt of electricity for a year.

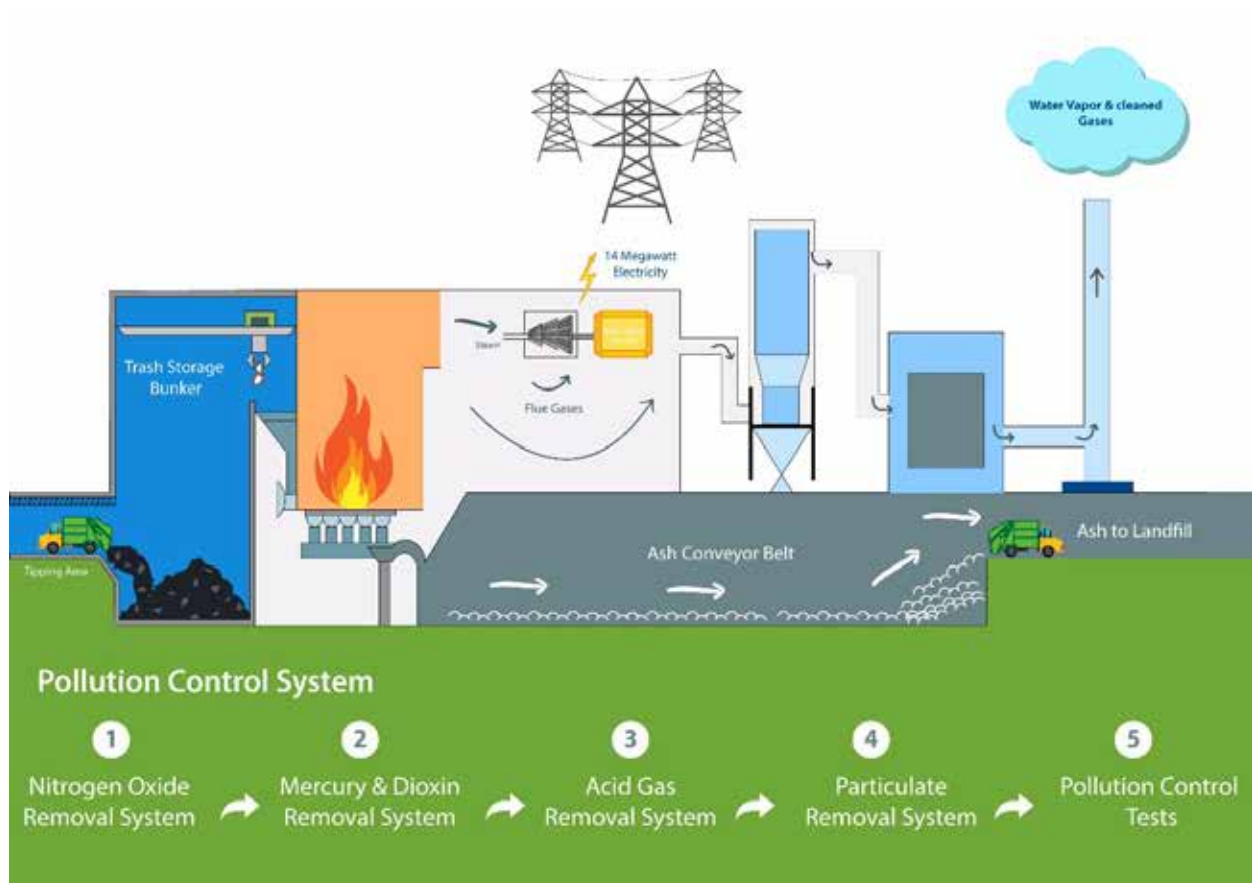
NOTE² - KWATT Coin was formerly named FRNCoin. It is the same coin, just a different coin symbol.



4NEW

POWER TO THE PEOPLE, LITERALLY.

4NEW'S WTE PLANT PROCESS



4NEW'S BLOCKCHAIN

4NEW is a producer of energy. Consequently, 4NEW enjoys a unique vantage point to apply its energy at a fixed price, inflation adjusted for a significant period of time. This will enable standardization of transaction fees within the crypto community.

This standardization of fees cannot be matched by any other blockchain as they have to purchase their energy from retailers.

Our blockchain will enable payment system platform that can accommodate all utilization of the KWATT Coin in varied and diverse industries.

The 4NEW decentralized, distributed ledger is where all actors in any industry will be able to transact using the KWATT coin. The coins are smart contracts which establish a binding relationship between transacting parties and provide a value for each transaction.

The ledger will provide an immutable and audit-able journal of all transactions related to purchase and sale of goods and services on the blockchain. With all parties to each transaction being able to see the same ledger entry, costs of reconciliation and potential issue of disputes and revenue leakage are controlled to a very large extent. This will standardize three industries of Waste, Energy and cryptocurrencies that are yearning for technological innovation. This will also enable KWATT.

4NEW'S KWATT TOKENOMICS

- KWATT Token currently is an ERC20, Ethereum based smart contract. Upon completion of the blockchain development, the token will be swapped to the KWATT Coin that will interact with our blockchain.
- The total coin offering is for three hundred million coins (300,000,000). This is a hard cap limit for the crowd sale offering.
- Our first plant will launch with a capacity of generating 10 megawatts of power every hour. Upon seasoning the plant operations, our infrastructure will be able to increase output capacity to 40 megawatts per hour. 1 megawatt is equivalent to 1000 kilowatts. 1000 kilowatts powers 1000 households for one day. Peak or off-peak usage of the power at different times of the day can cause this average to deviate.
- The maximum annual output capacity of the plant is 346 million kilowatts per year. Due to maintenance and general down time for repairs to the plant, expected annual output capacity is estimated at 300 million kilowatts per year realistically.
- Each KWATT Coin embodies an annual supply of 1 kilowatt of electricity within it.
- A typical Waste to Energy plant depreciates to its salvage value over 50 years. Regular maintenance and upkeep will allow us to extend life beyond that.
- This means holder of KWATT Coin will be able to apply their energy to one of two places each year for the next 50 years. They can either sell their energy to the UK National Grid or they can choose to apply it towards 4NEW's cryptocurrency mining farm.
- The price of 1 kilowatt for electricity is a very stable metric. Over the past 50 years, the global average retail price is approximately \$0.15 USD per kilowatt, inflation adjusted.
- 4NEW will never authorize any additional coins issuance over and above the three hundred millions coins being launched in this initial coin offering. Therefore, any future growth in 4NEW plant sites will always rely on the supply of the coins being issued in this offering.

- Each year management will apply 35% of its net profits towards a reinvestment strategy to enable future development of plants. This will ensure longevity and scalability to 4NEW over a sustained period of time.
 - 4NEW Insiders and Founders will be restricted from selling any coins until January 1st, 2019.
 - Any KWATT Coins not sold in the offering will be burned. For the avoidance of doubt, all burned coins will release the supply of the energy that was embodied within the coin, allowing that unencumbered energy to be freely sold to the UK national grid or applied towards the mining farm at management's discretion.
 - At the start of each year, KWATT Coin holders will be able to choose a desired application of their energy the coin holder owns as represented by the total amount of KWATT Coins in their control at the time of this election. Therefore, if the coin holders desire to sell their energy to the UK national grid then the respective option can be selected. Alternatively, if the coin holder were to select the mining farm then the energy will be applied to the mining farm.
- Any decisions not made within the allotted time frame at the start of each year, will leave the management the right to determine the allocation of the energy at its discretion.
- Management, at its sole discretion, may decide to extend the ICO ending date to an uncertain end date.
 - This document and any other 4NEW documents do not constitute a prospectus of any sort and are not a solicitation for investment. The KWATT Coin does not represent an ownership or share in ANY public or private corporation, or other entity in any jurisdiction. Acquisitions of 4NEW through the initial coin offering are non-refundable. KWATT Coins are only to be used in connection with 4NEW goods and services within its ecosystem only. Any acquisition and use of KWATT Coins carries significant financial risk, including the use of experimental software.

4NEW'S KWATT COIN FEASIBILITY

The KWATT Coin will represent a certain hashing capacity per coin. This concept is not new; Companies such as Giga Watt have offered similar mining items for lower costs, however, KWATT Coin is extremely unique in scope. We do not charge energy fees for mining, the only cost to a coin holder is the cost of the coin. This means that a coin holder will be able to mine all cryptocurrencies for the lifetime without spending an additional penny for their energy bill. The energy is free to us, so it is free also to the coin holders.

[How does 4NEW Sustain Itself?](#)

The concept of 4NEW relies upon the waste to energy model. In this model we are paid for the waste that we process, and the sale of byproducts such as fertilizer, organic materials and clean water. The start up costs to this mechanism are funded by the coin sale, and the plant's overhead is funded by cash flow generated from collection of waste and revenue from sale of byproducts. Additionally, 4NEW, and the 4NEW team will retain a portion of the KWATT Coins (and their associated mining capacity) which will provide an additional revenue stream moving forward.

[The Mining Capacity of a KWATT Coin](#)

The most difficult part of the KWATT Coin design has been determining a model to correlate with the increase in mining difficulty. We understand that one hash today can represent half of its mining power a month from now. To solve this issue, we have decided to have the coin represent a fraction of the total mining capacity of the 4NEW network rather than a fixed mathematical rate. This concept allows 4NEW to expand their mining capacity to match a competitive rate on the network. This rate of exponential expansion will be a predetermined reinvestment strategy of the funds received through 4NEW's own mining portfolio, in addition to the profits from the other revenue streams. This model not only guarantees the longevity of free energy, but the longevity of competitive mining practices.

Portfolio Customization

Users will have the ability to decide which coins or coins they would like to put their KWATT Coin power towards to mine. The options will consist of the top twenty minable coins, this decision will automatically point the necessary amount of hash rate towards mining that coin, and the yield will be transacted to the account associated with your 4NEW Wallet.

Proof-of-Work / Proof-of-Stake

In recent months, Ethereum has taken steps towards a Proof of Stake system that will be fully implemented sometime in the following years. At 4NEW we fully support these steps and understand that more efficient systems are necessary for the sustainability of cryptocurrency in the long term. Yet, we also understand that Proof of Work will not likely be fully removed from cryptocurrency within the next decade. For this reason, additional precautionary steps must be taken to reduce the economic and environmental effects of the inefficiencies associated with Proof-of-Work mining, and our mission is to be on the vanguard of these efforts. Even if Proof of Work was completely removed and Bitcoin mining non-existent, the energy embodied within the coin can still be either applied to the Proof of Stake mining operations or the national grid, given severe energy shortfalls already prevalent within the world.

Management and KWATT Coin Holder Interests aligned

Given that the Waste to Energy plant will sustain its operations at breakeven from revenue generated from the sale of waste collection services and byproducts, the energy produced is free. This lifetime supply of free energy is being purchased by the coin holder in this crowdsale. Any revenue generated from the administrative and facilitation fees the company will charge to either sell the energy to the national grid or apply it to the crypto-mining farm on behalf of the coin holders will allow for future growth and expansion strategy. Therefore, increasing the overall demand for the coin. With three plants, the total output capacity rises to roughly 1 billion kilowatts per annum. This will enable a market capitalization of the coin to rival most successful cryptocurrencies.

4NEW'S KWATT COIN ADDITIONAL UTILITY

Please note, the utilization of the KWATT Coin referenced below is in addition to the energy applications of the coin within the waste to energy and the crypto mining industry.

Our blockchain will be under development starting 2018 as per our roadmap. 4NEW has received significant interest from other institutions in diverse industries to integrate the KWATT Coins within their services.

Upon attaining critical mass with Business to Business adoption, KWATT is positioned to be the next Bitcoin. Starting 2018, KWATT Coin holders will be able to use their coins for the following services as a payment tender for respective services. Beta testing will initiate in 2018 for the following businesses:

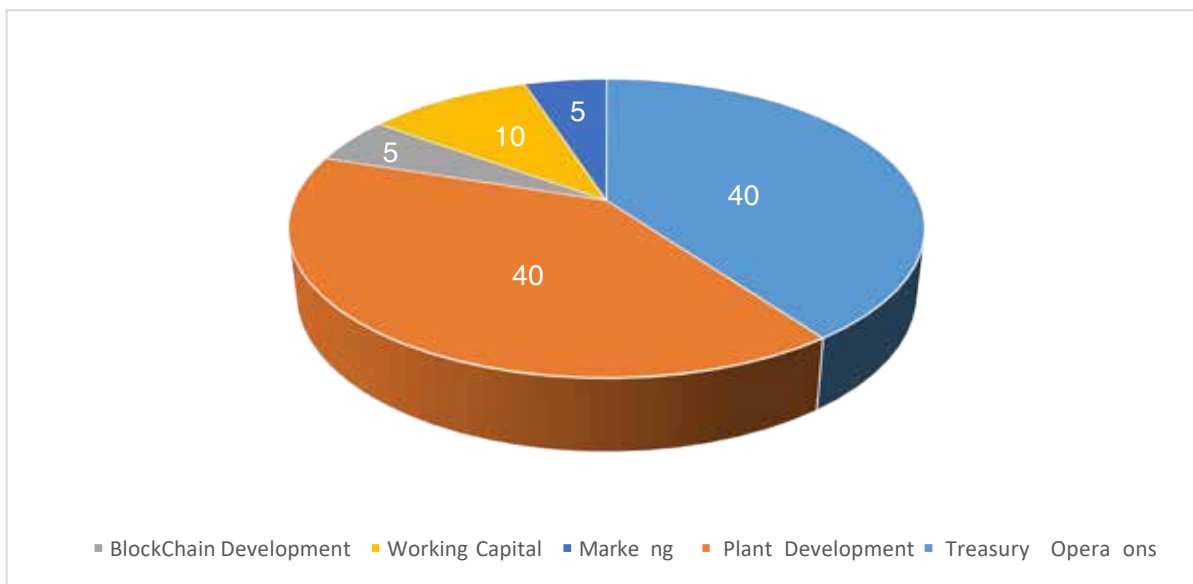
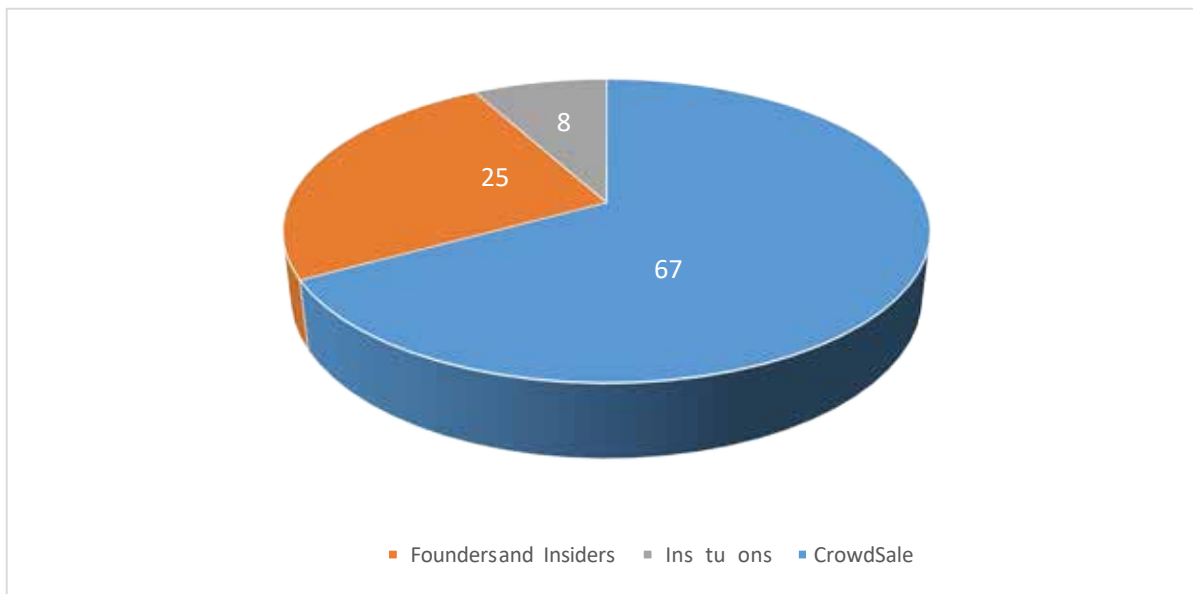
- **Mining Farm** - 4NEW's mining farm will be onsite of the WTE plant. The KWATT Coin will interact with the miners to enable them access to the blockchain in order to mine currencies of their choosing.
- **Money Transfer company** - Two licensed operating global money transfer companies with a collective monthly money transfer turnover of over \$25 Million USD in 15 year track record. This coin utility will enable KWATT to operate as a store of value allowing individuals to transfer funds globally using the KWATT Coin as a vessel.
- **Licensed Pharmacy** - A licensed pharmacy with over USD \$24 Million in sales in the United States and 18 year track record. Upon completion of beta testing in March, individuals globally will be able to purchase their medications using the KWATT Coin from a fully licensed pharmacy online.
- **Insurance Company** - In 2018 we will initiate beta testing of the utilization of the KWATT Coin as a payment system for a 1.5 billion dollar healthcare insurance company with over 8 year track record. With over 90,000 members covered under their policies, anticipation is that the KWATT Coin will break critical mass and enter main stream utilization.

4NEW Management will continue to work with operators in various industries to facilitate widespread adoption and utilization of its coin through 2018.

THE 4NEW ROADMAP

OCTOBER 17, 2017	Pre-Sale Round 1 Launch of the KWATT Coin
NOVEMBER 14, 2017	Closing the Pre-Sale Round 1
NOVEMBER 15, 2017	4NEW Pre-Sale Round 2
DECEMBER 15, 2017	Closing of Pre-Sale Round 2
JANUARY 1, 2018	4NEW Initial Coin Offering Live
JANUARY 31, 2018	4NEW Initial Coin Offering Closing
FIRST QUARTER 2018	<p>Complete purchase of 4NEW plant sites with planning permissions & regulatory licenses in place already identified:</p> <ol style="list-style-type: none">1. Sheffield, UK - 30 Acres2. Hertfordshire, UK - 10 Acres3. NewCastle, UK - 5 Acres <ul style="list-style-type: none">- Initiate development of blockchain platform- Initiate 4NEW Smart Meter approval process with the UK SMETS 2 protocols- Beta Testing KWATT Coin utility with service providers
SECOND QUARTER 2018	<ul style="list-style-type: none">- Begin installation of Waste to Energy Plant on all three sites- Complete Blockchain platform integration with 4NEW Smart Meter- Market trial and testing of 4NEW Smart Meter system with Blockchain integration
THIRD QUARTER 2018	<ul style="list-style-type: none">- Marketing efforts to build community awareness of 4NEW Services- Develop and initiate relationships with key aggregators with access to wholesale quantity of waste- Stress test or beta test blockchain platform prior to going live
FOURTH QUARTER 2018	Installation of Waste to Energy Plants complete and facilities will be operational

4NEW ALLOCATION DISTRIBUTION



THE KWATT COIN VALUATION

DISCOUNTED CASH FLOW ANALYSIS

ASSUMPTIONS:

DISCOUNT (INFLATION) RATE: 2%

EXPECTED ANNUAL CASH FLOW: \$0.20

NUMBER OF PAYMENTS: 50

$$NVP = -C_0 + \frac{C_1}{1+r} + \frac{C_2}{(1+r)^2} + \dots + \frac{C_T}{(1+r)^T}$$

$-C^0$ = Initial Investment

C = Cash Flow

r = Discount Rate

T = Time

NET PRESENT VALUE (NPV) = \$6.26

Please note, the Net Present Value calculated above is simply the present value of all future cash flow anticipated from the energy produced over the lifetime of the plant on a per kilowatt basis. This is not a representation of the value of utility coin. External influences may cause the coin to be priced higher or lower than these projections. Valuation analysis is not a guarantee of any returns or results. Also, FX conversion rates could cause the value of cash flow assumption to change with changes in the market.

THE KWATT COIN PRICING

Each KWATT Coin is equal to 1kW of electricity.

Global average retail price per kW of electricity is \$0.15.

Global average wholesale price per kW of electricity is \$0.05.

4NEW mining operation will pay \$0.20 per kW. Therefore, each coin represents an intrinsic value of \$0.20 per 1 kW of electricity.

All energy generated by the plant will be owned by the KWATT Coin holders.

KWATT Coin holder can either sell this power to the UK national grid or apply it to 4NEW's mining farm.

Net revenues, after administrative and facilitation fees, generated from the sale of the energy to the crypto mining farm will be distributed to the coin holder annually in cryptocurrencies.

Net revenues, after administrative and facilitation fees, generated from the sale of the energy to the UK national grid will be retained for future plant build out leading to additional KWATT Coins being delivered to the coin holder.

Revenue distribution will initiate 24 months after the completion of the Initial Coin Offering. The first 12 months will be plant buildout period and the second 12 months will be reserve build up period. Distribution will be annually thereafter.

MINING CASE STUDY³

BITMAIN CASE STUDY

The energy efficiency of Bitcoin mining is significantly worse than initially anticipated, and the associated carbon footprint is worrisome. One test case of cryptocurrency mining is Bitmain. Bitmain's mining operation consists of 25,000 units in total, seven buildings onsite that contain 21,000 ASIC Bitcoin rigs, and one building contains 4,000 Litecoin rigs all producing around \$200,000 profit daily after paying for 40MW of five cents per kilowatt-hour coal-powered electricity at around \$40,000, and 50 salaried employees.

One of the biggest liabilities of such a large mining operation is heat. As the temperature outside rises, the 5,000 BTU per hour producing mine begins to malfunction at a much higher frequency than typical. To counteract this heat, the hot air is pumped from the facility and the machines themselves are cooled with evaporative coolers. These systems collectively consume about one fifth of the total power consumption of the mining facility.

The total footprint of the mine is estimated to be around 24-40 tons of CO₂ per hour. Assuming an identical energy efficiency, which is quite generous, this means the total energy consumption of the Bitcoin network processes about 200 tons of CO₂ per hour. However, this footprint could be significantly reduced if the source of energy is substituted for a greener method.

This mining farm commands approximately 5% of the global bitcoin mining market share.

Ironically, Bitmain's plant consumes 40 megawatts per hour, which happens to be the output capacity of the 4NEW plant. Therefore, it would be reasonable to envision our operation similar in scale and scope to Bitmain's. This is why we felt it prudent to share this case study with you.

NOTE³ - Case Study conducted by Digiconomist. <https://digiconomist.net>

COMPLIANCE

ACCOUNTING

4NEW's accounting financial statements will be maintained at Zucker Forensics P.A. Zucker Forensics is a credentialed forensic accounting firm with accredited US Certified Public Accountants. With over 35 years of forensic accounting experience in identifying fraudulent accounting practices, the management at 4NEW deemed it necessary to retain such a capable team to manage its books and records.

INDEPENDENT AUDITOR

4NEW's independent auditor is Daszkal Bolton LLP. Founded over 26 years ago, Daszkal Bolton maintains an illustrious track record of thorough audits of high growth companies in every sector. In an effort to abide by the highest ethical standards, 4NEW Management will submit to annual audits to help secure our investor's trust and confidence.