



# ENERGI

Cryptocurrency for World Consciousness

WHITEPAPER

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## OVERVIEW

Energi is a revolutionary blockchain-based financial technology organization founded on the goal of delivering secure, decentralized solutions that eliminate the need for traditional financial institutions.

After launching NRG in the middle of a bear market as a self-funded cryptocurrency without an ICO or premine, Energi has grown into a global organization of over 60 dedicated team members. Through a governance and treasury model that is unique in the space, Energi is funding and managing the development of innovative blockchain solutions in pursuit of being the first cryptocurrency to drive truly global adoption.

## CURRENT PROBLEMS

Despite the potential for blockchain-based technology to significantly increase the level of financial services available worldwide, adoption remains inhibited due to a lack of governance and user protections. There are also widespread issues with scalability, technological capabilities, and a lack of a reliable incentives system to facilitate all of these.

## THE SOLUTIONS

Energi tackles all the critical problems in the blockchain space at once. While many other cryptocurrency projects have focused on one or two issues, they are often missing critical components to truly be a globally adopted cryptocurrency. What makes Energi unique is that it merges all the critical components of a next-level blockchain into one. In fact, Energi is the only cryptocurrency in the space that unifies these critical features:

- ◆ **Ethereum-Compatible** blockchain with smart contract capabilities to support DApp development.
- ◆ **Funding** provided by an economically-optimized, self-funding treasury to enable the upkeep and rapid expansion of the project.
- ◆ **On-Chain Governance** driven by masternodes to guide strategy and provide user protections.
- ◆ **Speed and Scalability** delivered by a Layer 1 and Layer 2 network that enables sustainable throughput.

## **ETHEREUM-COMPATIBLE SMART CONTRACTS**

The foundation of Energi's entire ecosystem is our Ethereum-compatible platform. With the launch of Energi Gen 3, we developed a blockchain that is highly compatible with smart contracts. With the 0x address format, ETH assets can easily be bridged or mirrored to the Energi blockchain with the same address and private key.

This level of compatibility is integral to our long-term strategy. By incentivizing the development of a thriving ecosystem of DApps on our blockchain, we will generate a variety of use-cases for our currency and drive adoption in the process. In the same way that Windows optimized compatibility to encourage the development of applications and become the dominant OS, we aim to become the logical choice for DApp developers.

With our uniquely Ethereum-compatible smart contract platform, Energi is fundamentally equipped to continue scaling sustainably and to remain adaptable well into the future.

## FUNDING

Energi's funding model is built with long-term sustainability in mind. Instead of raising funds through an ICO, Energi was bootstrapped from day one and has since been funded exclusively by an innovative self-funding treasury. This eliminates the risk of large institutional investors having a disproportionate influence on the project.

This model gives Energi the strongest treasury in the space, with 400,000 coins per month allocated toward the Treasury. The Treasury funds all of Energi's endeavors, incentivizing contributors rather than relying on volunteer work. It's also fully transparent – instead of all the funds ending up in an ICO wallet, funding is built into the cryptocurrency rather than one unaccountable ICO pot. Funds are released in smaller increments in an auditable manner every month.

Crucially, a strong self-funding treasury fuels the development of the project in a stable, sustainable way. It supports everything – from attracting the best talent, to targeted initiatives like the Energi Bureau of Investigations (EBI) and Energi Impact. This ensures that the proper resources will be available to fund the project's growth, and sustain it, for many years to come.

## ON-CHAIN GOVERNANCE

One of the most important differentiators for Energi is our decentralized masternode governance system. Masternode owners are able to submit proposals and vote on them, with consensus required for them to pass. These proposals help to determine our long-term strategy and dictate how our organizational resources are deployed. This ensures that the project is aligned with the interests of our most invested users.

In addition, our on-chain governance also provides our users with a security feature that is unique in the space. With the launch of Energi Gen 3, one of our core goals was user protection. To further that goal, we gave masternodes the ability to propose and vote on freezing the funds of bad actors. This allows for a proper investigation to be conducted and the potential return of funds to users that have been targeted.

By combining on-chain governance with true organizational leadership, Energi maintains a robust decentralized structure while remaining focused on high-value goals.

## SPEED & SCALABILITY

The final, critical component to Energi's strategy is our speed & scalability. Too many existing cryptocurrencies focus on the short term when it comes to their technology stack. Energi was founded on the long-term goal of becoming the first cryptocurrency to drive true global adoption. With that goal in mind, we built a fast and scalable blockchain that serves as the foundation for our entire ecosystem.

Every technical decision we make is underpinned by the goal of maintaining world-class speed and stability. This includes implementing a Layer 2 protocol that massively enhances our scalability, as well as Proof of Stake (PoS), unique masternode governance and rewards systems, and Ethereum smart contract compatibility. Using a proprietary codebase, the Energi blockchain delivers unparalleled speed and efficiency. That translates to faster transactions and lower fees, with the ability to maintain that advantage as we scale.

By expanding on the Ethereum blockchain with enhanced speed and stability, we have laid a highly scalable foundation on which to build a diverse ecosystem of financial technologies and decentralized apps.

## THE ENERGI ECOSYSTEM

Energi's value proposition doesn't come from a single proprietary offering, but rather from the intersection of a number of technologies and services. These, coupled with a unique governance and economic model, make up the Energi ecosystem.



## **ENERGI DEFI**

We believe that one of the most critical drivers of mass adoption for NRG will be accessible, on-chain financial solutions. Therefore, developing Decentralized Finance (DeFi) offerings powered by the Energi blockchain has been a goal since day one. This is why we made the move to establishing Energi as an Ethereum-compatible smart contract platform. By eliminating the need for bloated financial organizations playing middle-man, we aim to democratize access to financial technologies and incentivize huge numbers of people to join our ecosystem.

Most recently, we have launched our tokenized NRG (NRGE) on Uniswap and will be launching our own decentralized exchange, Energiswap, in the near future. This will be followed by the upcoming launch of our Energi Synthetic Assets product. These new offerings will expand the use-cases for NRG and generate significant liquidity. With these in place and more to come in the future, we are building the foundation of a fully decentralized infrastructure.

## ENERGI SYNTHETIC ASSETS

At the core of our DeFi growth strategy is the creation of Energi Synthetic Assets. Similar to traditional derivatives, synthetics are crypto tokens that have their value tied to another real-world asset. This enables users to remain in the crypto ecosystem while trading traditional assets like USD, stocks, or gold. By providing a decentralized, globally-accessible way to trade derivatives, synthetic assets have the potential to open up the world's trillion-dollar financial markets, improving security and efficiency for users in the process.

Energi's entry-strategy is to provide collateralized, high-demand synthetic assets that will be tradeable on our Energi X exchange as well as on Energiswap. There is currently ~\$35B tied up in USD stablecoins. Garnering just a fraction of that market share would result in a massive increase in valuation for NRG. Ultimately, the increase in liquidity will be fed back through the system. This will empower our treasury to expand our synthetic asset portfolio, with the end goal of becoming the Wall Street of crypto.

Energi Synthetic Assets will begin by introducing a synthetic version of the DAI stablecoin (eDAI). In the future, users will be able to purchase a variety of synthetic stocks and assets using NRG. They will also be able to collateralize their stablecoins and NRG to mint assets.

The technology that will power Energi Synthetic Assets will be based on an adapted fork of the Synthetix protocol. Additionally, we are developing Energi Oracle, which will serve as a decentralized tool for pulling in live market data. All of the above will be underpinned by Energi's powerful and scalable blockchain, ensuring that we deliver the most stable synthetic asset trading experience on the market.



Energiswap is our upcoming decentralized exchange and crypto swap protocol that facilitates automated liquidity provision. Like the protocol it's based on, Energiswap will function as a decentralized exchange for swapping any ERC20 compatible token with any other ERC20 compatible token. Using the constant product equation, Energiswap will manage liquidity pools of token pairs to allow them to be traded. This removes the need for buyers and sellers to generate demand, locking the pair into a price match determined by the available liquidity. Tokens can then be easily swapped directly with each other.

This system also helps to combat the liquidity problem that many decentralized exchanges face. In addition to swapping tokens, users will also be able to provide liquidity to the pool for a token by locking down equal amounts of NRG and the token. As an incentive, liquidity providers will receive a distribution of the fees generated by trades. This ensures that there will always be adequate liquidity in the marketplace.

Energiswap will launch with a limited selection of tokens available for trade: eDAI, eBTC, eETH, and wrapped NRG (WNRG). eDAI is a synthetic version of the DAI stablecoin that maintains a value of ~\$1.00 USD. eBTC and eETH are synthetic versions of BTC and ETH on the Energi blockchain. Users will be able to swap NRG to wrapped coins at a much lower cost than existing decentralized exchanges. These are some of the key differentiators for Energiswap:

- ◆ **Low Fees** Our Gen 3 blockchain will make Energiswap one of the cheapest and most stable decentralized exchanges on the market.
- ◆ **Unrivaled Security** Energiswap will benefit directly from the expertise of our dedicated security team, the Energi Bureau of Investigations (EBI).
- ◆ **World-Class Support** As with all products in the Energi ecosystem, Energiswap will have responsive, knowledgeable support available for all users, 24/7.
- ◆ **Governance** Energiswap will be managed by our unique system of decentralized governance, ensuring that it is always driven by the interests of our ecosystem's most invested users.

# ENERGI X

Energi X is our upcoming cryptocurrency exchange which represents a crucial next-step in our mission to make cryptocurrencies and financial technologies accessible to everyone. Energi X will bring all of Energi's tradable assets into one platform, as well as providing a growing variety of trading pairs. Ultimately, our goal is for Energi X to become the industry-standard exchange.

Featuring an innovative hybrid fee model, Energi X will be a competitive alternative to existing players like BitMEX and Binance. BitMEX alone has a monthly trading volume of ~US\$95.5 billion and charges a minimum of 0.075% in fees per trade. Energi X will offer an extensive portfolio of tradable assets with zero-commission trades on all NRG pairs. For non-NRG pairs, taker fees will be largely offset by negative maker fees. This will make Energi X by far the most cost-effective exchange in the marketplace.

Backed by Energi's dedicated cybersecurity and customer support teams, Energi X will also provide a uniquely secure and user-friendly trading experience. We anticipate that this, coupled with the highly-competitive fee structure, will be a significant incentive for traders to migrate to the platform.

## **ENERGI BUREAU OF INVESTIGATIONS (EBI)**

From day one at Energi, we have sought to differentiate ourselves from our competitors in ways that drive the broader adoption of cryptocurrencies and blockchain technology. A significant barrier to entry for many people when it comes to cryptocurrencies is the lack of a proper security apparatus and a fear of becoming victims of cyber crime.

Our solution for overcoming that barrier is the Energi Bureau of Investigations. The EBI is an elite team of cybersecurity experts. Members hail from backgrounds in corporate cybersecurity and intelligence agencies such as the NSA and CIA. Funded by our unique treasury model, they work constantly to ensure that Energi's platform and community are the most secure in the space. The team regularly identifies scammers and works with authorities to recover stolen funds whenever possible.

## THE ECONOMIC MODEL

Energi's cryptocurrency, NRG, is built on an economic model that is unique in the space. By allocating significant portions of emissions to the self-funded treasury and masternodes, Energi's approach ensures stability and sustainability for the ecosystem.

**1 million NRG are released every month and divided between the Energi Treasury, Masternodes, Stakers, and Backbone.**

The breakdown of the allocations can be viewed below:

**40%**

### TREASURY

Funds from the treasury pay for product development, marketing, merchant adoption, and team growth. In addition, members of the community can submit their own proposals to the treasury.

**40%**

### MASTERNODES

The primary role of masternodes is to provide stability for the network by validating transactions. Their secondary role is to provide governance by submitting and voting on proposals that dictate the long-term strategy and resource allocation for Energi. Masternode owners are awarded a larger portion of staking rewards as an incentive.

**10%**

### STAKING

Staking enables users to 'stake' their NRG on the network; that is, to validate the transactions required to make a new block. Staking creates a simple, easy way for users to take advantage of the Proof of Stake mechanism and get rewarded for doing so.

**10%**

### BACKBONE

Instead of issuing a pre-mine or holding an ICO, Energi's founder chose to take distributed compensation over time. This ties his financial rewards from the project to Energi's long-term success and sustainability.

## THE ENERGI COMMUNITY

The final piece of the Energi ecosystem is our community. Without a strong community of early-adopters, none of our long-term goals would be possible. From the start, we have recognized the importance of cultivating genuine trust with our users. Our Energi Support team plays a vital role in these efforts, establishing open lines of communication between our users and our technical and security teams. By being transparent about our goals and decision making, we aim to build a strong community that will continue to serve as a foundation for long-term growth and widespread adoption.

**46K**

**TWITTER**

**43K**

**DISCORD**

**40K**

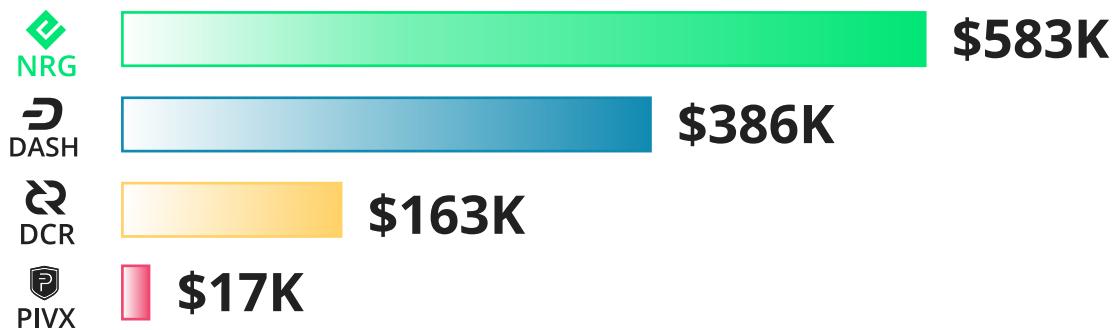
**FACEBOOK**

**18K**

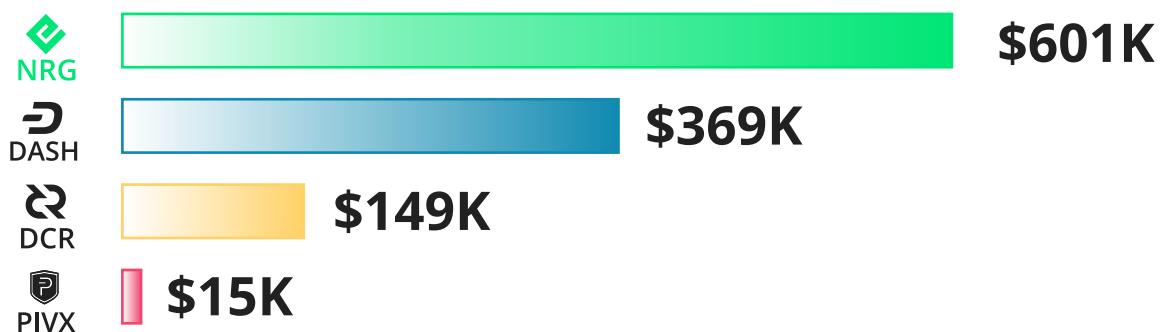
**INSTAGRAM**

# TREASURY

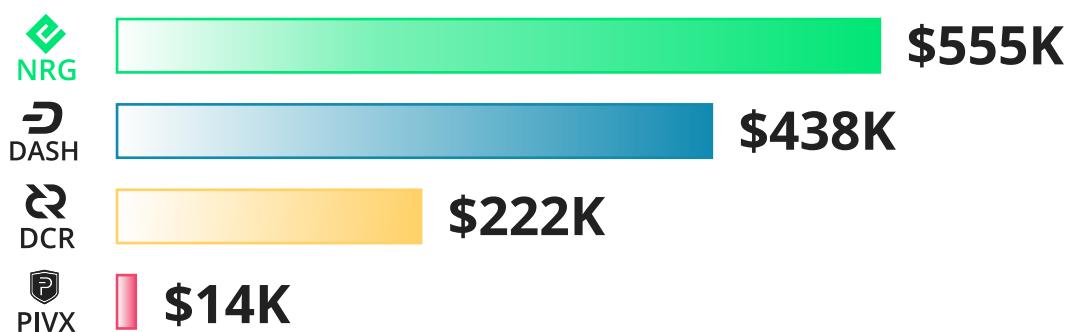
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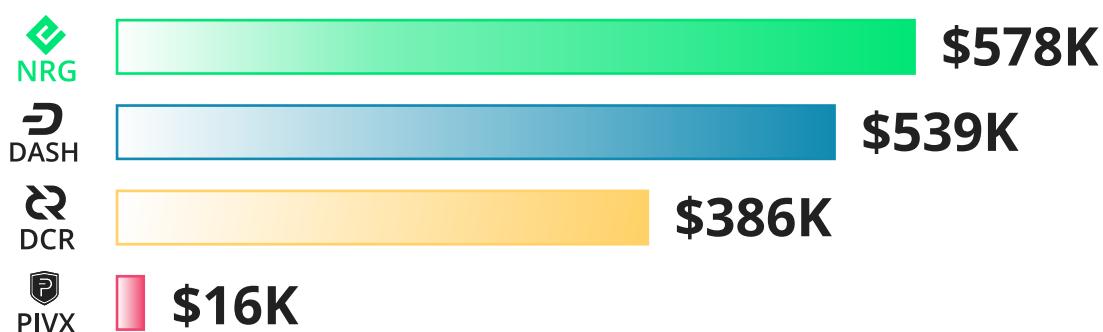
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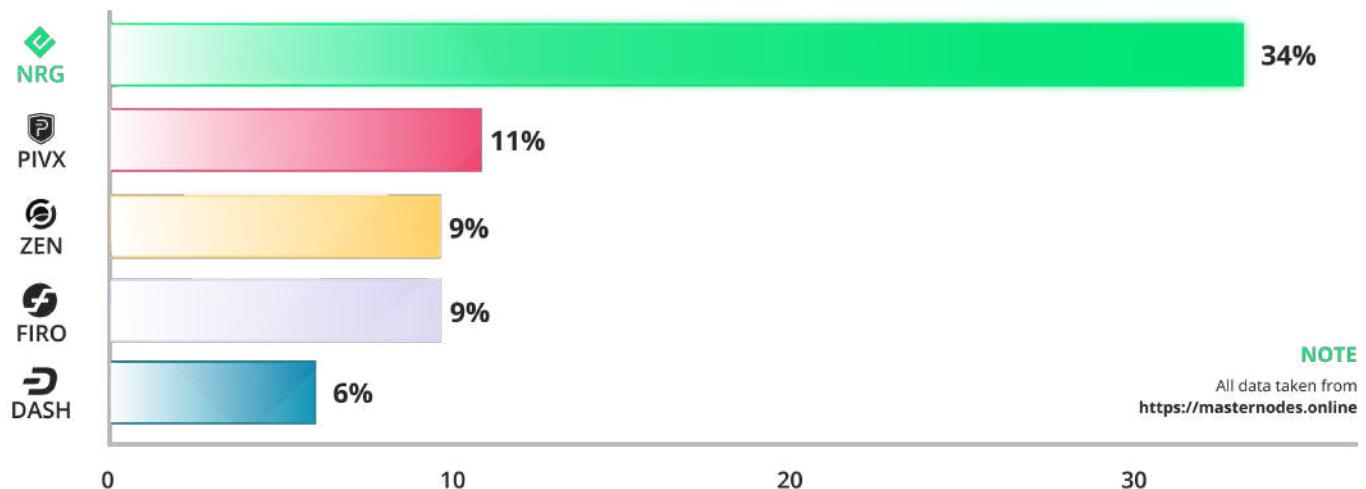


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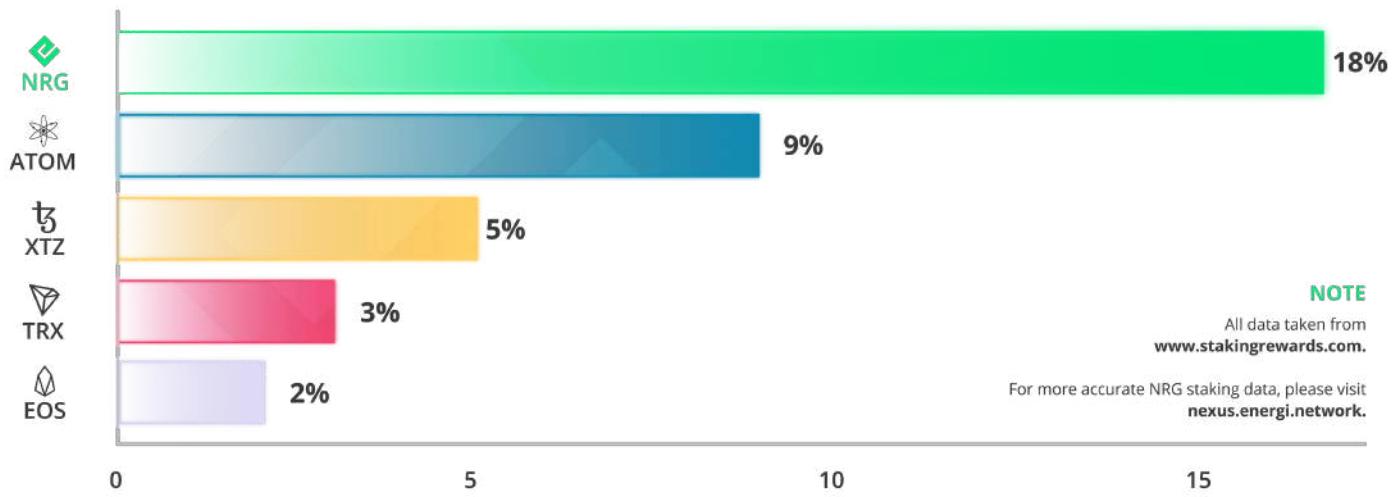


# STAKING AND MASTERNODE REWARDS

## MASTERNODE REWARDS



## STAKING REWARDS



\* All masternode and staking rewards data calculated in Jan 2021

# ENERGI ROADMAP 2017 - 2018

## ◆ Q3 2017

Pre-development: Engineered coin emission and allocations to miners, masternodes, and the treasury, along with other fundamental designs.

Development began in July 2017.

## ◆ Q4 2017

Implemented EnergiHash (ASIC-resistant hashing algorithm)

Implemented Treasury and Backbone systems.

## ◆ Q1 2018

Testnet and Block Explorer went online.

Optimized and improved numerous technical and economic aspects of Energi.

## ◆ Q2 2018

Implemented our masternode and governance systems.

Energi Gen 1 launched on April 14th, 2018 as a Proof of Work blockchain, initially adapting the code of Dash.

## ◆ Q3 2018

Masternodes went live. Masternode rewards began on September 18th, approximately 5 months after launch to ensure fair distribution and giving community members plenty of time to accumulate.

Earndrop Round 1 completed. Over **1 million NRG** distributed, achieved combined social media following of over **70,000**.

# ENERGI ROADMAP 2018 - 2019

## ◆ Q4 2018

Optimized GPU miner and mining pool software.

Earndrop Rounds 2 and 3 kicked off.

Energi Gen 3 began development.

## ◆ Q1 2019

Energi Gen 2 completed with the transition from Proof of Work to Proof of Stake.

Launched the Energi Bureau of Investigations (EBI), which has protected our community and prevented thousands of attempted scams and hacks to date.

## ◆ Q2 2019

Energi Impact is launched, the world's first self-funding charity funded by our cryptocurrency.

Energi Core began working on Energi X, an exchange featuring commission-free trades on NRG pairs.

## ◆ Q3/4 2019

Expanded marketing efforts to increase awareness about Energi and broaden the community.

Completed one of the largest airdrops in the space, giving away **3.8M NRG** (valued at more than US\$6.5M) to over **45,000** individuals.

Energi Gen 3 began public testing, featuring major additions to Energi's capabilities.

# ENERGI ROADMAP 2020 -2021

## ◆ Q1 2020

Energi Gen 3 is released, upgrading our blockchain to a smart-contract platform adapted from Ethereum. This major update enables virtually all of Ethereum's capabilities while incorporating our treasury, masternodes, and governance systems, all-in-one.

Energi began adapting existing Ethereum infrastructure. This upgrade also enabled DApps to migrate to the Energi ecosystem. By doing so, they will benefit from EBI and other expanding services.

## ◆ Q2 2020

Our reserve reaches over **4.7M NRG** (valued at the time at over US\$10M), which represents the industry's strongest and most sustainable treasury model.

Our talented global team grows to over 60 people on our payroll in less than two years.

Energi is listed on eight reputable exchanges.

## ◆ Q3 2020

Major focus on developing our exchange Energi X, which will be the main driver of future demand for NRG.

Energi begins work on synthetic assets (similar to the Synthetix project, but built on Energi). This will allow synthetic assets to be created from Energi's locked up masternode collateral with an approximate 5:1 collateralization ratio. Combined with Energi X, this will be a major demand-driver for NRG.

Energi Arcade is released! Energi Arcade is the new and improved version of the former "Energi Rainbot." It's designed for community members to build their stash of NRG while having fun hanging out in our Discord channel.

Energi Impact continues to build and expand our education platform and continuing humanitarian and environmental efforts. We also planted over 5,000 trees through our reforestation campaign.

# ENERGI ROADMAP 2020 - 2021

## ◆ Q4 2020

Tokenized NRG (NRGE) launches on Uniswap, creating a bridge between the Ethereum and Energi Blockchains and allowing users to provide liquidity on Uniswap.

## ◆ Q1 2021

Tentative launch time frame for Energiswap, our Uniswap protocol port backed by the on-chain governance and stability of the Energi blockchain.

## ◆ Q2 2021

Tentative time frame to start public testing for Energi X, our upcoming cryptocurrency exchange with commission-free trading on all NRG pairs.

## ◆ Q3 2021

Tentative launch time frame for Energi Synthetic Assets. Energi Synthetic Assets will allow a variety of synthetic cryptocurrencies, stablecoins, and other assets such as gold and silver that are in demand to be traded.

With Energi X and Energi Synthetic Assets now up and running, Energi will be strongly capitalized to begin implementing the most powerful blockchain features and DApps. This includes cutting-edge scaling solutions utilizing our existing layer 1 and layer 2 architecture and oracles (built on top of our masternodes).

## ◆ Q4 2021

Tentative launch time frame for Energi X.

Energi will continue expanding our DeFi ecosystem, including lending, derivatives, and other high-demand applications.

## AND BEYOND

In the coming years, Energi seeks to retain thousands of full-time contributors and function as a powerful global organization unlike anything seen in the cryptocurrency space.

Energi will continue expanding and improving on marketing efforts, development, and ease of use to rapidly increase demand and adoption.

\* All future launch/release dates are subject to change

# THE LEADERSHIP TEAM



## **TOMMY** CEO & CHAIRMAN

TommyWorldPower (on YouTube & Twitter) is a respected thought leader and educator in the blockchain and cryptocurrency community. He has educated hundreds of thousands of people in cryptocurrency, with his honest, generous, and user-friendly guidance proving to be a trustworthy source for many new and established investors.

Tommy's understanding of the technology, economics, and value proposition of blockchain technology is at the foundation of Energi's vision to become the first mass-adopted cryptocurrency. He has built a self-funding, self-governing, globally-distributed team to deliver Energi and support its adoption.



## **RYAN** PRESIDENT

As the President of Energi Core, Ryan oversees all day-to-day operations. With over a decade of experience in software engineering, enterprise search, and machine learning for organizations across the United States, he is uniquely positioned to successfully lead a technology organization.

Ryan believes that Energi is a people-first approach to cryptocurrency. He leads by example and is passionate about building a strong culture within Energi, where the team has all the tools they need to be self-directed and successful. Ryan directs Energi Core with the pillars of a traditional business organization in order to enable consumer trust and credibility.



## OMER SENIOR DIRECTOR, OPERATIONS

Omer is Energi's Director of Operations. As such, his role is to coordinate all parts of the Energi project: from securing strategic partnerships to planning out the long-term product pipeline. He's dedicated to delivering the tools and resources the team needs to achieve Energi's goals.

Omer brings over six years of experience in IT consultancy and business intelligence for organizations as diverse as Pfizer, Verizon, and ExxonMobil. He first discovered blockchain in early 2017, recognized its potential, and immediately joined the industry. He's passionate about building an organization that competes at the highest level – and one that delivers on the original promise of blockchain technology.



## LEON ACTING DIRECTOR, TECHNOLOGY

Leon is Energi's Director of Technology. His responsibilities include leading a talented tech team and guiding every step of blockchain development to achieve Energi's ambitious roadmap. Whatever the challenge, he's committed to delivering those milestones to the highest possible industry standards.

Leon brings over a decade of experience in software development and leadership, building products for startups and organizations across the globe. He's always had an interest in cryptography and steganography, which eventually led him to cryptocurrency. Leon's goal is to inspire others to discover and harness this emerging technology.



## EMRE DIRECTOR, MARKETING

Emre is Energi's Marketing Director. He leads the marketing team, overseeing all of Energi's communications and marketing strategy. Emre brings over ten years of real-world business experience gained in industries as diverse as sales, supply chain management, and business development.

He's previously worked for sales organizations across the United States, the Turkish Armed Forces in Cyprus, as well as building his family's manufacturing business in Turkey. Before joining Energi, Emre was a full-time cryptocurrency trader. He's in charge of taking Energi's brand to the next level and growing its global community.



## **BROCK DIRECTOR, COMMUNITY MANAGEMENT**

Brock is the Director of Community Management at Energi. He leads the community management team, which is responsible for all of Energi's customer support and social media interactions. Brock is dedicated to providing the Energi community with a dependable resource they can always turn to.

With over two decades of experience in customer service and technical support, Brock has assisted consumers and trained representatives for numerous Fortune 500 companies. He's previously worked for organizations such as Sprint, AT&T, Verizon, Oracle, and Yahoo. Brock is committed to building a support network that provides the highest level of customer care to the emerging cryptocurrency industry.



## **PARKER DIRECTOR, ENERGI IMPACT**

Parker is the Director of Energi Impact. He leads the development of the world's first self-funded charity – an education platform that inspires people to heal themselves and the planet. He's passionate about helping people change the world around them by exercising their conscious choice in the currency they use.

Before Energi Impact, Parker managed hospitality businesses in the United States. He's now leading the Impact team as they make a difference to the world's most significant issues: from wildlife conservation and environmental protection, to mental health and well-being. Parker is making his impact on our planet and is encouraging others to do the same.

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Find out more:  
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