



The Safest Blockchain In The World

Where Decentralization Meets Bank-Grade Security

TABLE OF CONTENTS

- 3** - Overview
- 4** - Current Problems
- 5** - The Solutions
- 6** - Ethereum-Compatible Smart Contracts
- 7** - Funding
- 8** - On-Chain Governance
- 9** - Speed & Scalability
- 10** - The Energi Ecosystem
- 11** - Energi Compared To Other Top Projects
- 12** - Energi DeFi
- 13** - Energiswap
- 14** - Energi Defense
- 15** - The Economic Model
- 16** - The Energi Community
- 17** - Staking and Masternode Rewards
- 18** - Roadmap
- 23** - Leadership

THE MISSION

OVERVIEW

Energi was conceived by its founder Tommy WorldPower on the 4th of July 2017 (Independence day in the USA), created with a heart of freedom and liberation for humanity. Tommy's vision for Energi is a self-sufficient and economically-optimized cryptocurrency (via decentralized Treasury and Governance systems), combined with the cutting-edge technology, including Ethereum (ETH) virtual machine (EVM)-compatible smart contracts, high scalability to effectively serve billions of users, user protections, and strong moral leadership.

Unlike most projects, Energi was launched without an initial coin offering (ICO)/Premine, in true decentralized fashion. Energi's coin emission of NRG is used as the primary funding mechanism for fueling its growth. Tommy spent thousands of hours researching the cryptocurrency space and its technologies from a high level since 2013, originally in order to make good investments. Tommy recognized the enormous missed value in the space with respect to the combination of Energi's features, but recognized how difficult it was for other projects to understand his vision, so he created it, and thus Energi was born. Tommy [made a video on his early concept](#), and soon after began working on Energi.

In its first year, Energi was primarily in a development phase and funded solely by Tommy. No money was raised by outside or public investors. Energi officially launched on April 14th, 2018. From that time until now Energi has consistently grown and followed through with its objectives. Energi has adopted and innovated cutting-edge technology from across the crypto space, and at this point is technologically one of the most advanced and well-rounded cryptocurrencies in existence. No other cryptocurrency has Energi's unique combination of critical features (Self-funding Treasury, On-chain Governance, EVM-Compatibility, 2-Layer scaling built in for high transaction throughput, and no one comes even close to our level of user protection, which is extremely overlooked in the space).

Energi currently has over 100 active contributors building Energi and has grown to having one of the most seasoned and powerful tech teams in the space, shipping products, and updates at increasingly fast speeds.

CURRENT PROBLEMS

Despite the potential for blockchain-based technology to significantly increase the level of financial services available worldwide, adoption remains inhibited due to **two major issues:**

- 1) High gas fees
- 2) Lack of user protections

ETH gas fees are on the rise, now costing often more than \$100 per automated market maker (AMM) transaction on Uniswap, Sushiswap, and other top decentralized exchanges (DEXs), which further increases friction on the path to mass adoption.



In addition to rising fees, there has also been a major increase in cryptocurrency crime - especially in decentralized finance (DeFi) and non-fungible token (NFTs) collectibles. In 2021 it was estimated that DeFi users and investors lost in excess of \$12 billion. The ongoing emergence of nefarious actors will continue to be a threat without proper user protection systems. Luckily, Energi has solved this problem, and to-date is the only blockchain that has effectively done so.

THE SOLUTIONS

Energi tackles all the critical problems in the blockchain space with our unique blockchain features.

- ◆ Firstly, in regard to high fees, Energi's fees are virtually negligible, with swap transactions on our blockchain costing just pennies (which again often cost in excess of \$100 per transaction on Ethereum).
- ◆ In regard to scalability, Energi has first and foremost broken up our blockchain into a consensus layer and storage layer, similar to how computers work. We've had this design for years, but only started publicizing it in December 2021. Interestingly, soon after we did, Vitalik Buterin (the creator of Ethereum) [published an article](#) stating that a system similar to ours would ultimately be needed for proper scalability.
- ◆ Additionally on scaling, Energi is employing a blockchain-of-blockchains scaling solution. See our article about it [here](#) to understand Energi's approach. While most other major projects have opted for a sharding solution, Energi chose not to adopt sharding due to its sub-optimal database scaling outside the blockchain space. Instead, our scaling system will keep all activity on a single blockchain, and essentially turn that blockchain into a block when the blockchain has become heavy (~10 terabytes). In this way Energi retains both decentralization, and a high degree of scalability.
- ◆ In regard to the other significant problem of user protections, Energi has pioneered powerful security protocols tied to our on-chain governance that virtually eliminated crime from our blockchain. We are proud to say that **we have the safest blockchain in the cryptocurrency space by far** and have stopped over 95% of crime on our blockchain.
- ◆ Importantly, note that Energi is an EVM-compatible blockchain, so we benefit from all innovations that occur on the Ethereum blockchain, with complete smart contract capabilities to support decentralized application (DApp) development.
- ◆ Lastly, Energi has an innovative self-funding Treasury which has fueled our growth from day 1. Energi sets itself apart in this manner and has achieved all of our success without conducting an ICO (while also preventing Energi from being classified as a security). We will expand further into these unique attributes in the following pages.

EVM-COMPATIBLE SMART CONTRACTS

The foundation of Energi's entire ecosystem is our EVM-compatible platform. With the launch of Energi Gen 3, we engineered a blockchain that is highly compatible with Ethereum. Using the hexadecimal (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 encourages the development of applications and became the dominant operating system, we aim to become the logical choice for DApp developers.

With our EVM-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. Because of this, Energi has prevented excessive accumulation by any organizations motivated purely by greed or who could have significant impact on the market.

Furthermore, it's important to recognize that Energi has a very powerful Treasury, with over 40% of coins (400,000) 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 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 our security features that are one-of-a-kind in the space. With the launch of Energi Gen 3, one of our core goals was user protection. To further that goal, we granted 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 retaining noble values and ambitious goals.

SPEED & SCALABILITY

The final, critical component to Energi's strategy is our speed and 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 ECOSYSTEM

 ENERGI **NFTs**

 ENERGI **SWAP**

 ENERGI **BRIDGE**

 **NEXUS**

 **METAMASK**





ENERGI COMPARED TO OTHER TOP PROJECTS

														
MARKET CAP	\$83.4M	\$527B	\$63.4B	\$75.7B	\$32B	\$103B	\$53.3B	\$52.8B	\$34.1B	\$12.7B	\$13.4B	\$11.4B	\$16.7B	\$6.9B
AVERAGE TRANSACTION FEE FOR DEX TRADES	\$0.01	\$100+	N/A	\$0.01	\$100+	\$0.20	N/A	\$0.50	N/A	\$0.02	N/A	N/A	\$0.25	\$0.02
ETHEREUM-COMPATIBLE SMART CONTRACTS	✓	✓	✗	✗	✓	✓	✗	✓	✗	✓	✗	✗	✓	✓
ON-CHAIN GOVERNANCE	✓	✗	✓	✗	✓	✗	✗	✓	✗	✓	✗	✓	✓	✓
SELF-FUNDING TREASURY	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗
LAYER 2 BUILT IN (FOR SCALING)	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✓	✗
USER PROTECTIONS THROUGH GOVERNANCE	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
24/7 DEDICATED LIVE SUPPORT	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
DEX	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✗	IN DEV	✓	✓
MAJORITY OF TOP 200 COINS LISTED ON DEX	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
YIELD FARMING	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✗	✗	✓	✓
DECENTRALIZED REFERRAL PROGRAM	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
CROSS-CHAIN BRIDGE	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✓	✓
NO ICO / PREMINE	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗	✗
LENDING	IN DEV	✓	✓	✓	✗	✓	✗	✓	✗	✓	✗	✓	✓	✓
DECENTRALIZED DERIVATIVES	IN DEV	✓	✓	✓	✗	✓	✗	✓	✗	✗	✗	✗	✓	✗
NFT PLATFORM	IN DEV	✓	✓	✓	✗	✓	✗	✓	✗	✓	✗	✓	✓	✓
STAKING REWARDS %	9%	5%	6%	7%	1%	13%	3%	10%	N/A	14%	N/A	5%	11%	15%
MASTERNODE (LAYER 2) REWARDS %	19%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Disclaimer: The features above were live and values calculated as of 11/5/21.



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 one of the core reasons we made the move to establishing Energi as an EVM-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.



Energiswap is Energi's native decentralized exchange protocol. With Energiswap, users can swap over 180 assets (largely consisting of the most popularly trading crypto assets).

Some of the major benefits of Energiswap include:

Energiswap benefits directly from the speed and scalability of the Energi Gen 3 blockchain, as well as Energi's dedicated cybersecurity and 24/7 support teams. This makes Energiswap one of the most secure, scalable, and user-friendly decentralized trading experiences on the market.

Energiswap features an aesthetic, user-friendly interface similar to Uniswap, with network fees around \$0.01-0.02 per trade.

To recap the key differentiators for Energiswap:

- ◆ **Low Fees:** With network fees around \$0.01-0.02, Energiswap is one of the cheapest decentralized exchanges to use.
- ◆ **Unrivaled Security:** Energiswap benefits from Energi's unique governance system which has earned Energi the title of the safest blockchain the world.
- ◆ **World-Class Support:** As with all products in the Energi ecosystem, Energiswap has highly responsive, knowledgeable support available for all users, around the clock.
- ◆ **Selection of Assets:** Energiswap has a wide selection of assets along with lucrative yield farming programs to incentivize new liquidity to migrate over. We will continue to add the most in-demand cryptocurrencies to our platform as they arise and seek to establish Energiswap as primary trading hub for these new assets.

ENERGI DEFENSE

From the start, 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 cybercrime.

Our solution for overcoming that barrier is Energi Defense. Energi Defense is an elite team of cybersecurity experts. Members hail from backgrounds in corporate cybersecurity and intelligence agencies such as the NSA and CIA. Energi Defense is funded by our unique Treasury model, and empowered by our unique governance model that prevents criminals from immediately sending funds off chain to cash them out.

Our team is constantly monitoring the Energi blockchain and social media channels for malicious activity alerts and works to ensure that our community is safe and protected from bad actors. Our team regularly disables scammers, works with authorities to help bring them to justice, and helps facilitate the recovery process for returning 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, ecosystem 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 premine 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. To date, none of these funds have been sold except for a small portion to fund Energi Impact (our philanthropy).

THE ENERGI COMMUNITY

We recognize the importance of having a strong community of passionate supporters, and realize that having such a group makes all of our long-term goals much easier to achieve. This is part of the reason that Energi's initial coin distribution was done by broadly giving away nearly four million NRG to tens of thousands of early supporters, and done so as fairly as possible with most participants receiving ~100 NRG. We will continue to work on building a healthy, family-friendly community to support Energi's endeavors for the exciting years ahead!

48K

TWITTER

43K

DISCORD

38K

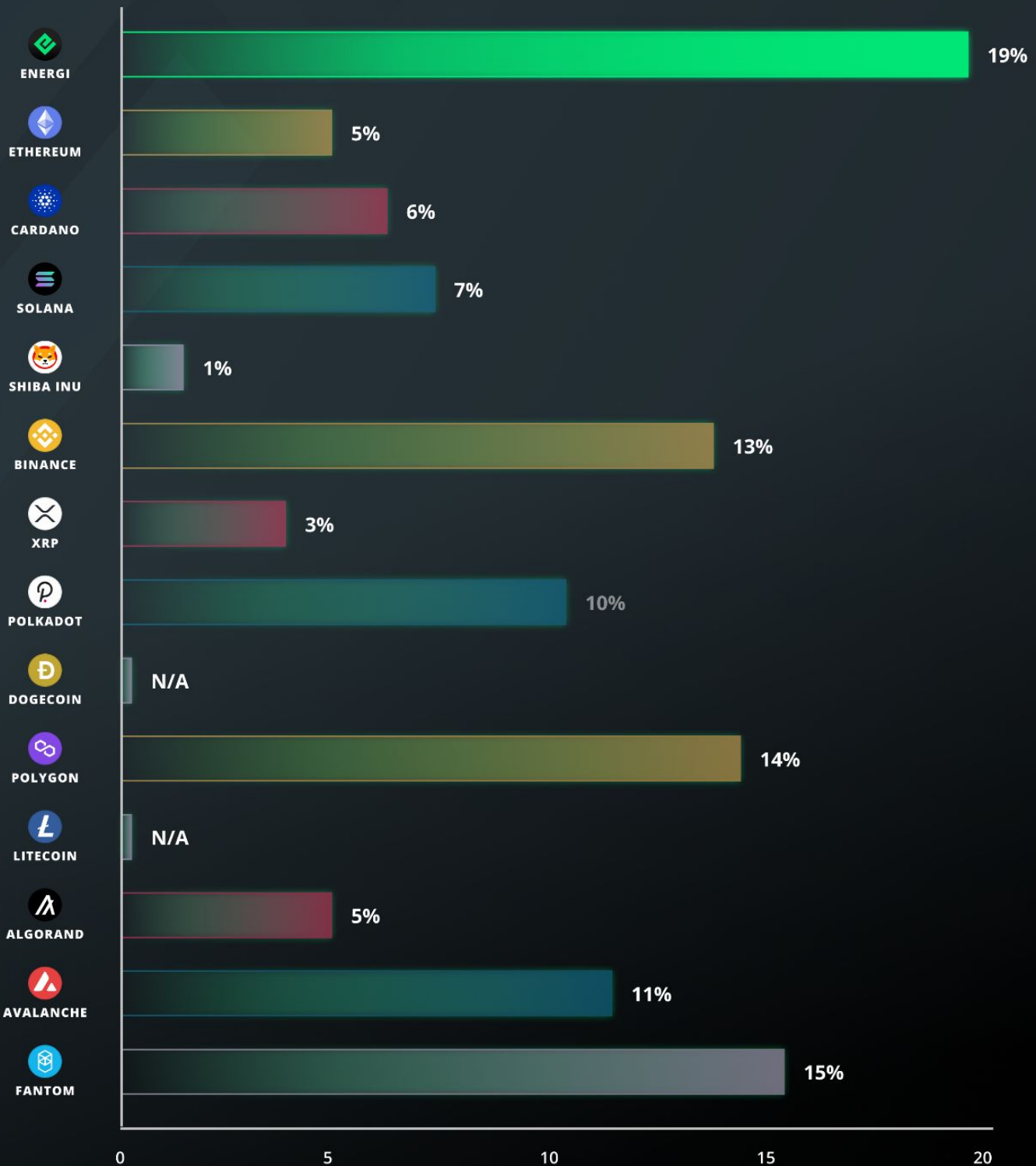
FACEBOOK

17K

INSTAGRAM



STAKING / MASTERNODE REWARDS



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.

Eardrop 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.

◆ Q2 2020

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

◆ Q3 2020

Energi begins work on Energiswap, Energi's first move into DeFi with our decentralized exchange.

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 NRG collateral. Combined with Energiswap, 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 enabling the trading of NRG on the Ethereum blockchain.

◆ Q1 2021

[Energiswap](#) is launched! Energiswap is our Uniswap protocol port backed by Energi's on-chain governance, user protections, 24/7 support and stability of the Energi blockchain.

◆ Q3 2021

[Energi Bridge](#) has been released, which connects the Energi and Ethereum blockchains. This allows users to bridge assets from one chain to the other, providing a significant new on-ramp to the Energi Ecosystem and Energiswap.

◆ Q4 2021

Liquidity farming on Energiswap has begun, enabling users to mine rewards by providing liquidity to pools on the exchange.

Energiswap referral program is launched! Users can earn rewards for referring other users to Energiswap.

ENERGI ROADMAP 2022

◇ Q2 2022

Tentative launch time frame for Energi NFT marketplace. We seek to become a dominant NFT platform in the crypto space.

◇ Q4 2022

Tentative time frame for the Energi Masternode network upgrade enabling instant transactions. This will result in confirmations on Energi happening within seconds, making Energi one of the fastest cryptocurrencies in the space while retaining a highly decentralized blockchain with thousands of nodes.

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

◇ AND BEYOND

Energi will continue expanding our ecosystem and partnerships, establishing ourselves as the most secure platform for DEX's, lending, derivatives, NFT trading, and other high-demand applications

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.

THE LEADERSHIP TEAM



TOMMY

CEO & CHAIRMAN

TommyWorldPower, on YouTube and Twitter, is a respected thought leader in the space. His understanding of the technology, economics, and value proposition of blockchain is the foundation of Energi's vision to become the first mass-adopted cryptocurrency. He has built a self-funding, selfgoverning, globally-distributed team to make this a reality.



RYAN

PRESIDENT

As the President, Ryan oversees all day-to-day operations. His strong background in software development provides a solid foundation for leading a technology organization. He always leads by example and is passionate about building a powerful culture. He directs Energi with the discipline of traditional business leader but with the drive of a technology startup founder.



OMER

SENIOR DIRECTOR, OPERATIONS

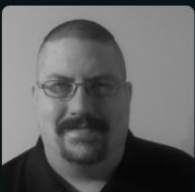
After graduating from business school, Omer worked as an IT Business Consultant for several large organizations such as Exxon Mobil, Verizon, and Pfizer before becoming part of the blockchain revolution in early 2017. Omer is now dedicated to guiding the Energi project in a strategic change management role.



LEON

DIRECTOR, TECHNOLOGY

Leon had a passion for cryptography and steganography from a young age. He began working for various IT companies after studying Computer Science in high school. While building small scale financial solutions for companies, he grew an interest in cryptocurrency. His interest turned into a dream of helping educate people on the importance of their financial sovereignty, which led him to join Energi as a developer.



BROCK

DIRECTOR, COMMUNITY MANAGEMENT

Utilizing over 20 years of customer service, technical support and marketing experience, Brock is currently applying his expertise towards managing the Energi community across all chat and social media platforms. He oversees all aspects of Energi's community management and customer support services.

DISCLAIMER

To the maximum extent permitted by applicable laws, regulations and rules, Energi's founders, team members, and contributors are not liable for any indirect, incidental or consequential damages whatsoever related to Energi. This document contains information from a variety of publicly available resources and research conducted within the Energi project. While this information is generally considered reliable and accurate at the time of writing, it is subject to change and potential inaccuracies. No information contained in this document should be considered business, legal, or financial advice. All information contained on Energi's website, social media accounts, or any of our platforms, or in our Whitepaper, or any other documents is provided as a best practice and is not binding. This document contains information in regards to R&D and business planning for Energi. Energi does not assume any liability for the information contained herein. Before taking any actions based on the contents of this document, you should seek advice from a financial, legal, or tax liability expert. Statements made in this Whitepaper are, except where otherwise stated, subject to changes without notice. As with all nascent technologies and financial investments, cryptocurrencies, and the buying or selling thereof, carry inherent risk. Energi accepts no liability for financial or other losses incurred through engagement with our platforms, cryptocurrencies, or community. Protecting yourself against risk, both financial or otherwise, is wholly your own responsibility.

Find out more:

www.energi.world

Contact us:

contact@energi.team