



THE ULTIMATE CURRENCY

Apollo. Privacy Mission



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ABSTRACT

Apollo is a new cryptocurrency built off the NXT platform. Apollo has been commissioned to become the most advanced, feature rich currency available. Its main goal is to provide users with an effective all-in-one currency with which they can buy and sell with complete assurance of privacy.

Apollo will be the first cryptocurrency to give users the ability to buy, sell, send and receive invisibly, all while offering significantly more features than its competition. This stealth is accomplished by offering a private transaction option, IP masking, coin shuffling, un-blockable nodes and an integrated decentralized exchange. These features will take possibilities for cryptocurrency to new heights while potentially eliminating the ability for governmental regulation. We foresee rapid, mass adoption of Apollo as on top of offering the fastest, most private transactions, Apollo will boast many capabilities never before combined into one currency.

The crypto world is aching for a universal, all-in-one currency delivering the most coveted features in a single platform. Apollo, with its large community and team of world class professionals will deliver this currency, redefining the industry and raising the bar for what a top cryptocurrency should be.

INTRODUCTION

Over the past nine years, the world has seen many different cryptocurrencies. The creation of Bitcoin, in January 2009, was a timely intervention during a period when investors around the world had lost faith in centralized financial systems. The deep-seated corruption that was unmasked by the 2008 credit crunch, was a warning that we can no longer trust anyone but ourselves with our finances. The continued problem of security, regarding our identities and privacy, has become a hot issue. The last ten years has shown that not even leading democracies can be trusted with our financial liberty.



Apollo offers absolute freedom and total control in an alternative decentralized framework

Harvard Business Review quoted, “To protect the blockchain vision from political pressure and regulatory interference, blockchain networks rely on a decentralized infrastructure that can’t be controlled by any one person or group.” This freedom inspired blockchain is the core vision of Apollo. Unfortunately, as we will lay out in this document, current cryptocurrencies although mostly decentralized, have many flaws that allow for an outside entity to easily control and regulate. Apollo offers a solution indefinitely free from political pressure.

THE PRESENT CRYPTOCURRENCY LANDSCAPE

The goal of Apollo is to replace the great number of niche currencies with one platform combining the best features currently available. An overview of the leaders of the market shows how Apollo will quickly take the lead in terms of superior offerings.

TOP GENERAL CRYPTOCURRENCIES

BITCOIN

Bitcoin is the product that gave birth to blockchain technology. The creator Satoshi Nakamoto could only foresee a certain number of problems that this currency could solve. By 2018, Bitcoin has long departed from its maker’s goal of being the perfect alternative means of exchanging value, to what is now a highly inefficient currency. Bitcoin transactions face the problem of being extremely slow, so much so that a transaction can now take days to confirm, making it unrealistic to be used by businesses. Bitcoin transactions have also become too expensive, as users making small payments often have



to pay transaction fees which can be as much or even more than the monetary amount they are sending. Many cryptocurrencies compare themselves publicly with bitcoin, as it is an easy rival to beat in terms of functionality and features. Instead, we choose to compare Apollo with only the most advanced cryptocurrencies available.

ETHEREUM

Although Ethereum has made tremendous strides since its inception in 2014 (becoming the second largest blockchain based currency), it too comes with innate problems which threaten its ultimate sustainability as a currency. Ethereum is the most used platform for ICO, which now leverages on its infrastructure to offer all kinds of inefficient products. Currently Ethereum's blockchain is not only bloated but suffers from extreme privacy issues, as anyone can access intimate details of your account and transactions, including your IP address (physical location). Furthermore, having experienced major glitches with its smart contract system and transactions, such as the hacked DAO that resulted in the loss of \$75 million usd, it is easy to see how it could be replaced with a more advanced solution.

RIPPLE

Ripple is the third largest cryptocurrency by market share, having an advantage over the previous two when it comes to speed and rate of transactions. However, Ripple is essentially a centralized entity, owned by a U.S. based company, which is doing its best to serve the present banking industries that cryptocurrency was created to replace. These close ties with the banking industry prevent Ripple from being considered the alternative that will provide its users the escape from the current corrupt systems. It gives no regards to privacy and was created to comply with strict monetary regulations, the same as any bank. It has also been proven that the company behind ripple owns more than 60% of the total amount available and the founder personally owns 17%, leaving only a small percentage traded by the public.



TOP PRIVACY CRYPTOCURRENCIES

DASH

Dash is the most widely used and most valuable privacy-focused cryptocurrency. Dash has been among a few cryptocurrencies which offers users some form of privacy when sending transactions. But, for Dash, this privacy comes with severe limitations and no absolute freedoms. There are limits to the amount one can send or receive with its Darksend feature, which is essentially a simple form of coin mixing. Even then, before a transaction can achieve a reasonable level of privacy, it requires several sessions of Darksend. Your IP address (physical location) is also vulnerable making it an all-around poor choice for a privacy currency.

MONERO

Monero was created with the goal of providing users with a completely cloaked transaction. However, outside of a simple private transaction Monero relies on a bloated blockchain that offers little else in extra features. It does not have the ability to send public transactions, which is critical for mass adoption, and it leaves your IP address exposed. Therefore, failing in its viability as a long-term privacy currency.

VERGE

Verge advertises itself as the alternative that will provide total privacy for its users. Verge is essentially a clone of Dogecoin (initially started as a joke cryptocurrency branding the face of a cartoon dog), which started off with the name Dogecoin dark. This coupled with the fact that it has very few additional features, a small, previously unreliable team and a dated blockchain limits its prospects as a top contender. Verge is a currency that certainly serves a great niche but offers too little to go further than that.



CORE WALLET

	APOLLO	BITCOIN	ETHEREUM	RIPPLE	LITECOIN	DASH	MONERO	VERGE
Private Transactions	✓	✗	✗	✗	✗	✗	✓	✓
Public Transactions	✓	✓	✓	✓	✓	✓	✗	✓
IP Masking	✓	✗	✗	✗	✗	✗	✗	✓
Monetary System	✓	✗	✓	✗	✗	✗	✗	✗
Asset System	✓	✗	✓	✗	✗	✗	✗	✗
Coin Shuffling	✓	✗	✗	✗	✗	✓	✗	✗
Alias System	✓	✗	✗	✗	✗	✗	✗	✗
Multi-Signature Accounts	✓	✓	✗	✓	✗	✓	✗	✗
Encrypted Messaging	✓	✗	✗	✗	✗	✗	✗	✓
Integrated Decentralized Exchange	✓	✗	✗	✗	✗	✗	✗	✗
Decentralized Marketplace	✓	✗	✗	✗	✗	✗	✗	✗
Phased Transactions	✓	✗	✗	✗	✗	✗	✗	✗
Voting System	✓	✗	✗	✗	✗	✗	✗	✗
Allows 3rd Party Plugins	✓	✓	✓	✗	✗	✗	✗	✗
Auhentication System	✓	✗	✗	✗	✗	✗	✗	✗
Balane Leasing	✓	✗	✗	✗	✗	✗	✗	✗
Decentralized	✓	✓	✓	partially	✓	partially	✓	✓
Smart Contracts	coming soon	✗	✓	✗	✗	✗	✗	coming soon
File Transfer	✓	✗	✗	✗	✗	✗	✗	✗
Data Cloud	✓	✗	✗	✗	✗	✗	✗	✗
Transactions Fee Dividends	✓	✗	✗	✗	✗	✗	✗	✗
Safe From 51% Attack	✓	✗	✗	✓	✗	✗	✗	✗
Consensus Mechanism	proof of stake	proof of work	proof of work	consensus	proof of work	POS/POW	proof of work	proof of work
Approx Inflation	0%	4%	15%	12%	10%	13%	8%	13%

PROBLEM STATEMENT

The main problem with cryptocurrencies on the market is that they are built to work within a niche, focused on a few features to offer something slightly different or improved to users. In almost every case these currencies are built using bulky blockchains that cause slower transactions as more users are on the network. These are simply not sustainable for the long term. Even current top currencies offer very limited possibilities. They may have desirable features but limited decentralization and no private transaction option, opening them up to be highly regulated, or vulnerable to an attack on the user's privacy.

Currently governmental regulation, such as the ones imposed in China and Venezuela, are the single biggest threat facing cryptocurrency. Any cryptocurrency which has privacy loopholes, with which governments can leverage, will always be under imminent threat.

Current currencies which offer privacy do so in a very limited capacity, utilizing bloated blockchains and very few additional features. Certainly, none that could ever contend with or replace top non-private currencies. Nearly all top non-private and private currencies allow the IP address of a user to be easily tracked, making a user's physical whereabouts transparent. There are no currencies on the market which offer an IP masked, decentralized exchange, giving users the ability to buy and sell a currency using private or public transactions directly from their wallet. Additionally, there is no currency that has added every useful feature from top currencies on a sustainable blockchain and combined those with the best privacy technology. If there was such a currency available, it would have replaced every other coin on the market.





APOLLO SOLUTION

Utilizing a world class team, the Apollo Foundation is offering the all-in-one currency capable of replacing every other on the market.

SOLUTION:



OLYMPUS PROTOCOL

IP Masking

IP masking utilizing advanced technology, including tor, will soon be integrated into the Apollo wallet allowing for seamless, untraceable use of the wallet and all its features.

Public and Private Transaction Options

Perhaps one of the most important features in Apollo is the ability to choose between private transactions and public transactions. This allows any user the ability to send unlimited private transactions that will not trace back to their wallet. Public transactions are also possible allowing for mass adoption.

Integrated Decentralized Exchange

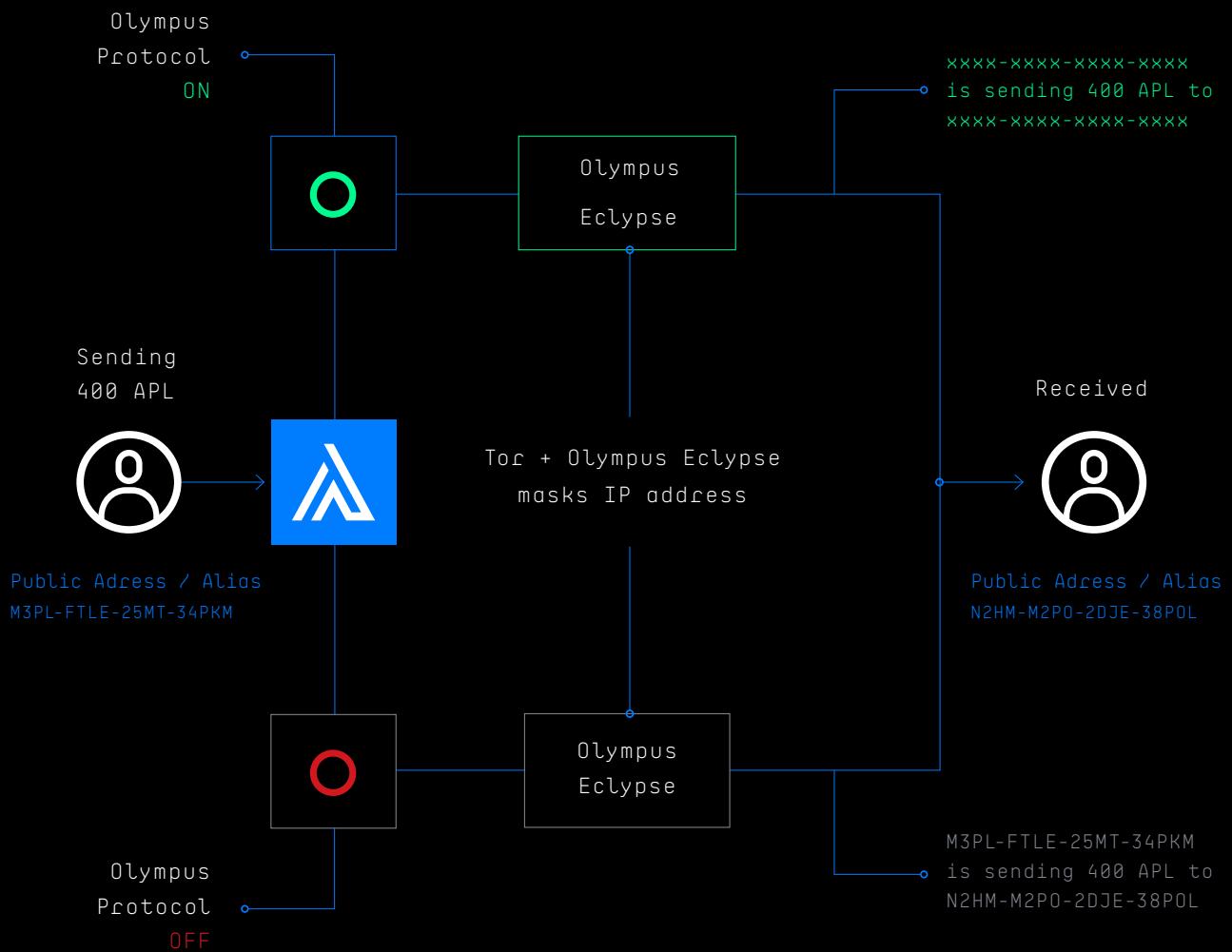
The decentralized exchange integrated into Apollo will allow anyone to buy, sell and trade with absolute secrecy, because the exchange is 100% decentralized and not run by any entity, no identification documents are ever needed and there are no fees. Your IP will also be masked, and you can send private transactions directly from the exchange.



Coin Shuffling

Coin shuffling is an additional privacy feature allowing your Apollo, as well as other currencies held in the account, to be randomly shuffled between user accounts. This allows an account holder to anonymize their funds nearly instantly.

HOW OLYMPUS PROTOCOL WORKS





HERMES BLOCKCHAIN

Sustainable Blockchain

The Hermes Blockchain will make Apollo an incredibly secure, lean cryptocurrency with indefinite stability.

Lightning Fast Transactions

Hermes will take a transaction speed that averages 10 to 30 seconds and make this same blockchain facilitate transactions as fast as 2 to 3 seconds. Utilizing our newest blockchain technology will make Apollo one of the fastest cryptocurrencies on Earth. This will help to establish its dominance as it opens up huge potential in microtransactions, decentralized banking, financial services and more.

CURRENT FEATURES

Monetary System

The monetary system within Apollo allows users to instantly create currencies or tokens that can be traded privately on Apollo's decentralized exchange as well as freely on external exchanges. These currencies can easily be backed by Apollo giving them an instant, tangible value.

Possible use: Crowd-funding, ICO, Finance, Charity, Voter IDs, Escrows, Coupons, Currency, etc.

Asset System

Using the Apollo asset system, a user can issue tokens representing anything from public and private equity to real world commodities. Unlike other markets and cryptocurrencies, users will be able to trade these assets with 100% privacy.

Possible use: Shares, Bonds, Private Equity, Public Equity, Commodities, Derivatives, etc.



Encrypted Messaging

Encrypted messaging on the Apollo blockchain will allow any user to send and receive 100% private, untraceable messages and data files from one account to another. Utilizing the Olympus protocol, the user's IP address and the transaction carrying the message will be invisible.

Possible uses: Untraceable Communication, Untraceable File Transfer, etc.

Blockchain File Storage

The Apollo data cloud allows uploading to the blockchain for storage, retrieval and publishing of information. This gives a user the ability to upload a file to the blockchain, therefore receiving an irrefutable time stamp for that data. This time stamp could be helpful in establishing an absolute date for legal documents such as contracts and intellectual ownership.

Possible uses: Voting, Permits, Evidence, Court Records, Transparency, Death/Birth Certificates, Contracts, Wills, Trusts, Escrows, Maps, GPS Data, Signatures, Medical Records, Arbitration, Delivery Records, Certifications, etc.

Alias System

This system in Apollo can be used to create a unique alias that acts as a representation for a specific set of text. This will encrypt the chosen text into the alias. This text could be your account number, a website, email address, etc.

A specific alias can be claimed only once (like a domain name), therefore it can be sold privately or publicly and transferred to any other account. The most basic use is sending funds to an account number, instead of typing out the entire account number you would simply write in the alias.

Voting System

The Apollo voting system allows users to create public or private polls. Polls can be used to direct and manage funds from an account, elect officials or simply to gauge public opinion. This opens up near endless possibilities for collecting absolute, verified responses from designated sources.



Phased Transaction

Phased transactions are transactions set up to occur after a certain condition is met. This could be after another transaction is sent or received, after a passage of time or after a certain block number is hit.

Multi-Signature Accounts

Apollo supports multi-signature accounts allowing more than one user to control an account.

Decentralized Marketplace

The Apollo decentralized marketplace allows users to buy, sell and trade physical and digital goods using the Apollo currency. Users can list goods to be sold locally or even worldwide. Trading will be decentralized and untraceable allowing the free trade of any item. Future updates will include a review and reputation system aiding sellers in building a positive reputation based on experiences.

Advanced Account Control

Accounts can be created in a way that allows group control. Utilizing the Apollo voting system, a group can be granted the ability (via initial ownership or ownership of a specified token or asset) to vote on the transactions that are spent on the account.

Possible uses: Private Investment Fund, Private Insurance Fund, Charity Fund, Decentralized Autonomous Organizations (DAO)

Authentication System

The Apollo authentication system allows users to authenticate an account using the blockchain to prove that they are the overseer of an account.

Leasing

The account leasing option allows the user to lease the forging power of their account to another user. This allows for the creation of forging pools, increasing the chances of generating a block, as well as generating an income from transaction fees.



OUR SECURE, STATE OF THE ART WALLETS

The screenshot shows the Apollo Wallet dashboard with the following key metrics:

- Available Balance:** 37,000,000 APL
- Assets Value:** 15,000 (5 assets)
- Currencies Value:** 119,000 (7 currencies)
- Transactions:**
 - 15:00, 12 dec 2018 → 75,000 APL-NZKH-MZRE-2CTT-98NPW
 - 12:00, 12 dec 2018 ← 150,000,000 APL-NZKH-MZRE-2CTT-98NPW
 - 15:00, 12 dec 2018 → 75,000 APL-NZKH-MZRE-2CTT-98NPW
 - 12:00, 12 dec 2018 ← 150,000,000 APL-NZKH-MZRE-2CTT-98NPW

Other sections include Asset Portfolio (Bitcoin 81%, Creed 12%, MarioCoin 7%), Send Apollo, Receive APL, Secure Messages, Coin Shuffling, Secure Aliases, Data Storage, Decentralized Marketplace (5 purchased products, 1/2 sales), Active Polls, and Apollo News.

- **LINUX WALLET**
In Progress
- **WEB WALLET**
Deployed
- **WINDOWS + TOR WALLET**
Deployed

- **OSX WALLET**
Deployed
- **OSX + TOR WALLET**
In Progress
- **WINDOWS WALLET**
Deployed



THE VISION

Utilizing a community of world-class developers, managers, marketers and researchers, the Apollo community, backed by the Apollo Foundation, has set out to accomplish the goal of making Apollo the most technologically advanced, feature-rich currency on the market.

The Apollo Foundation understands the demands of a top tier cryptocurrency and they believe they can create a coin that will integrate everything necessary to replace the current currency options. As they develop and improve Apollo, the Apollo team will strive to develop features which have not previously used in cryptocurrency.

The primary goal of the Apollo foundation is to create the first all-in-one cryptocurrency, innovating and incorporating every ability that could be beneficial in a digital currency, all in a single decentralized platform. The first major update, Olympus Protocol, puts mass adoption-proof privacy at Apollo's core. This is because the Apollo Foundation knows the ability for a user to buy, sell, trade and send in absolute secrecy is vital in an industry that could be moments away from intense regulation.

The Apollo team is here because they believe the only person or entity that should be in control of your funds is you.

WHAT IS APOLLO?

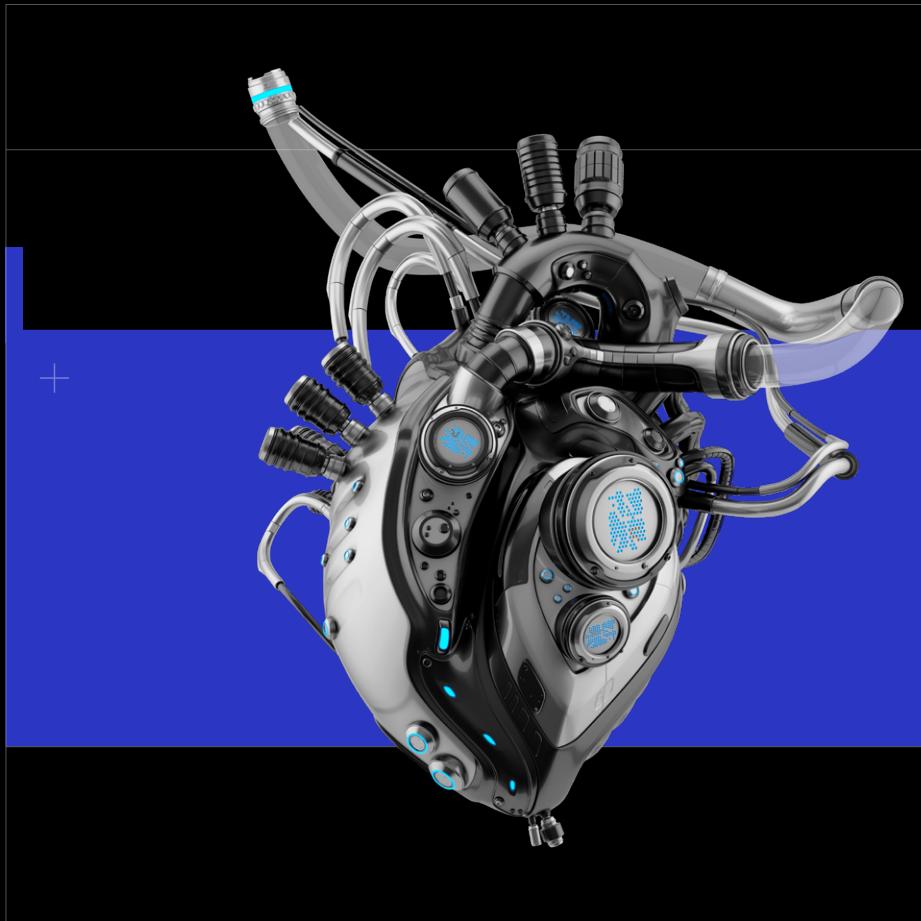
Apollo is an all-in-one currency offering its users endless possibilities that go beyond making secure payments for goods and services. Apollo is a universal currency that can be tailored to use in almost every sector of life and business. From the creation of token shares for corporations, to the founding and management of highly secured decentralized organizations. The full potential of blockchain technology will be pushed to its limits within Apollo.

COIN DISTRIBUTION EVENT

Unlike an ICO, Apollo is not simply an ERC20 token that was printed instantly. Apollo is its own cryptocurrency with many usable features and many new features being developed. This event was not set up with the goal of raising money for a project that had not been started. The only goal of the coin distribution event was to distribute Apollo into as many hands as possible, as quickly as possible.

INITIAL AIRDROP

At Apollo's creation, 10% of the total supply was allocated to holders of NXT. Anyone holding NXT at block height 1661331 are entitled to a portion of this 10%. To claim, simply login to the Apollo wallet with your NXT credentials.





ORIGINAL ALLOCATION

Apollo is available on cryptocurrency exchanges World-Wide

Ticker
APL

Total Supply
21 Billion APL

Circulating Supply
15 Billion APL

Consensus
Proof of Stake

Mining
Pre-Mined

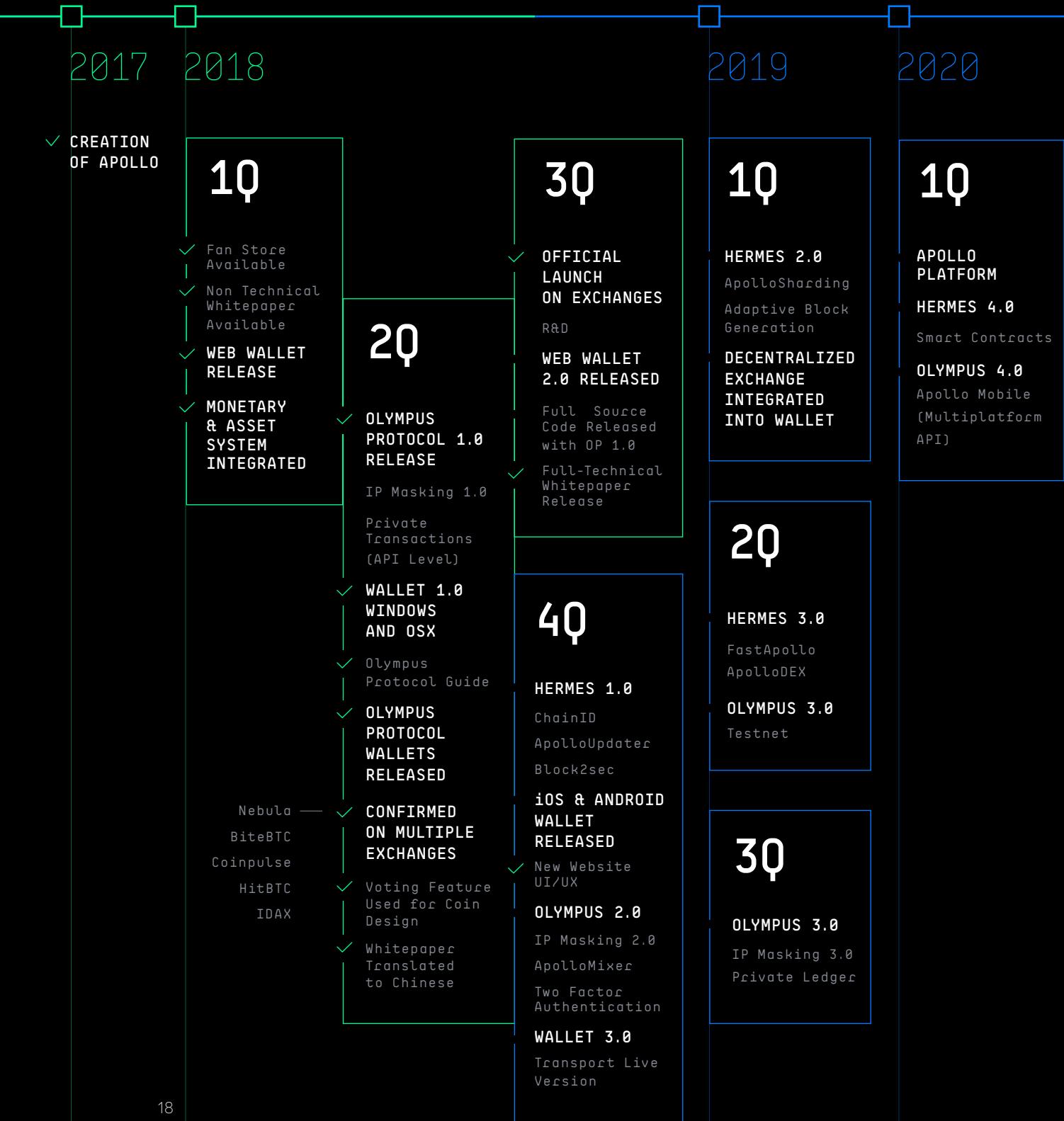
Inflation
0%





APOLLO MISSION ROADMAP

Key Milestones



NOTABLE OPERATIONS TEAM



VICTOR KONOVALOV
DIRECTOR

Viktor has turned ideas into reality for many companies starting with Brand Live, which was acquired by Microsoft, Green Battery LTD, and most recently investing and helping growth blockchain projects such as Kuna exchange, DMarket, Kickico, Anzyze, Hacken, Veda and Emotiq.



STEVE MCCULLAH
PR DIRECTOR

Utilizing his extensive knowledge in technology development Steve has served as CEO of McCullah Technologies and has had the opportunity to work with the U.S. Military, Homeland Security, celebrities as well as many major retailers.



SERGEY ROKHVARG

CTO

Sergey is a gifted software engineer that is using his extensive experience in advanced cryptography, military grade security and software architecture to advance development of Apollo.



KACPER GAZA

CHIEF PRODUCT OFFICER

Kacper is a leading software engineer that has used his experience and masters in software engineering to propel research and development at Samsung as well as his own software company where he heads a team of more than 60.



ALEXANDER MORA

MARKETING

Alexander has used his marketing and creative experience to work miracles for Disney, Verizon, ESPN Deportes, NASCAR, Sears, XM Radio, General Motors, and Jack Daniels while working with agencies that represented these clients. He is now using this magic to promote Apollo.



KATHERINE MANNING

MARKETING

Katherine has proven her marketing genius over and over while working at tech industry behemoths such as IBM, Microsoft and Red Hat. She is dedicated to using this same talent to taking the Apollo project to new heights.



ALESSANDRO MAZZI

LEGAL

Alessandro is a legal advisor with extensive knowledge of blockchain and the legalities related to token sales. Alessandro has worked with leading international corporate law firms such as Minter Ellison, the HKIAC and Yingke Law Firm.



KYLE HORNBACK

MANAGEMENT

Kyle is a business professional that has worked as an executive at Skylark inc., as well as built and ran a highly successful services business. Kyle lends Apollo his superb ability to organize and manage teams effectively.



DANIEL KOROGODSKI

BUSINESS DEVELOPMENT

Daniel offers Apollo his extensive experience organizing and equipping teams for complex projects. During his time as acting CEO of First Bridge, Daniel has overseen as many as 50 professionals working on a multitude of projects in the technology sector.



SASHA ANTROPOV

BUSINESS DEVELOPMENT

Sasha is the representative of the Apollo project. He is responsible for business contacts and promotion of the Apollo project for the MENA region.



MICHAEL TROUNG

RESEARCH

Using his acute attention to detail, Michael has worked for fortune 500 companies overseeing research, development, engineering and logistics. He will use this experience to further Apollo's capabilities.



QUICK INFO

EXPLAINER VIDEO: youtube.com/watch?v=abHv6PxibL0&t=1s

PROMO VIDEO: youtube.com/watch?v=Th1W_6E3irY

WEBSITE: apollocurrency.com

WEB WALLET: apollowallet.org

TWITTER: twitter.com/apollocurrency

TELEGRAM: t.me/apollocommunity

CONSENSUS: Proof of Stake (forging for transaction fees)

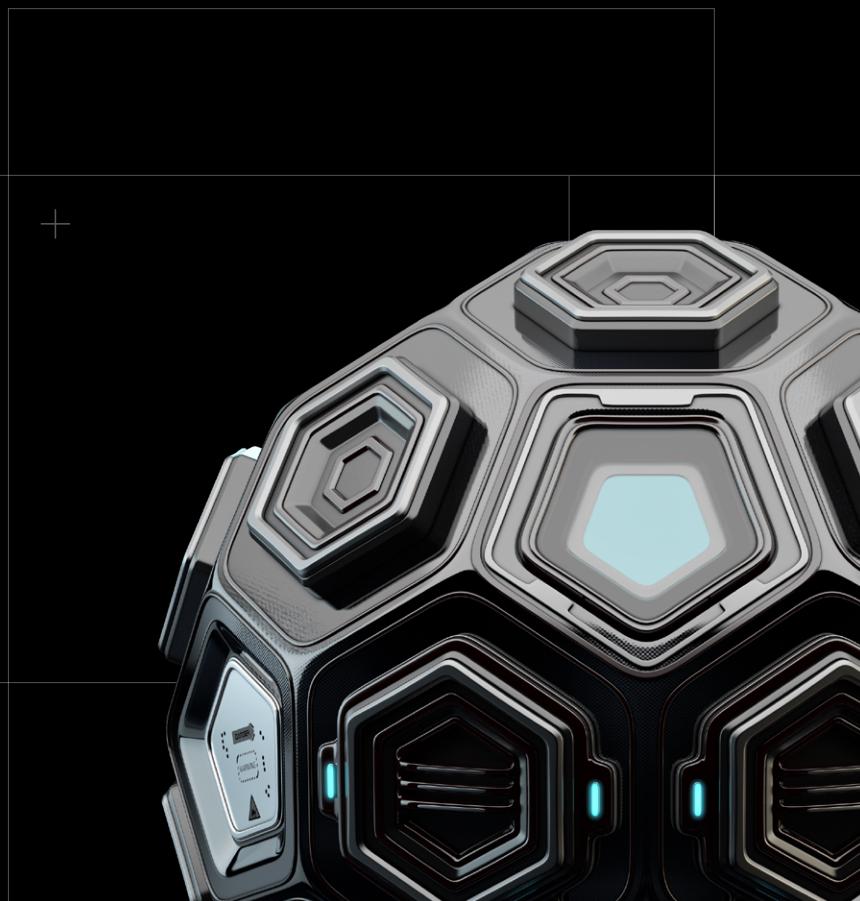
MINING: Pre-Mined

TOTAL SUPPLY: 21 Billion

CIRCULATING SUPPLY: 15 Billion

INFLATION: 0%

+





apollocurrency.com