



AFROCHAIN

The First Decentralized Blockchain for Africa

|DECENTRALIZED| |ANONYMOUS| |SECURED| |TRANSPARENT|

AFROCHAIN SHORT WHITE PAPER

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WEBSITE

www.afrochain.co

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THIS WHITE PAPER IS INTENDED TO PRESENT RELEVANT INFORMATION TO POTENTIAL AFROCHAIN TOKEN (AFR) PURCHASERS (PURCHASER) IN CONNECTION WITH THE PROPOSED GENERATION AND SALE OF AFROCHAIN TOKEN (TOKEN ISSUANCE), INCLUDING INFORMATION ABOUT THE UNDERLYING SOFTWARE APPLICATION AND BLOCKCHAIN PROTOCOL USED TO CREATE AND DISTRIBUTE AFROCHAIN TOKEN (AFRO SMART CONTRACT) AND THE AFROCHAIN ECOSYSTEM (TOGETHER WITH THE AFRO SMART CONTRACT, THE AFRO PLATFORM). THE INFORMATION CONTAINED IN THIS WHITE PAPER IS NOT INTENDED TO BE EXHAUSTIVE AND THE STATEMENTS INCLUDED IN THIS WHITE PAPER ARE NOT INTENDED TO CREATE A CONTRACTUAL RELATIONSHIP. NOTHING IN THIS WHITE PAPER SHALL BE DEEMED TO CONSTITUTE A PROSPECTUS OF ANY SORT OR A SOLICITATION FOR INVESTMENT, NOR DOES IT IN ANY WAY PERTAIN TO AN OFFERING OR A SOLICITATION OF AN OFFER TO BUY ANY SECURITIES IN ANY JURISDICTION. THIS DOCUMENT IS NOT COMPOSED IN ACCORDANCE WITH, AND IS NOT SUBJECT TO, LAWS OR REGULATIONS OF ANY JURISDICTION, WHICH ARE DESIGNED TO PROTECT INVESTORS. CERTAIN STATEMENTS, ESTIMATES AND FINANCIAL INFORMATION CONTAINED IN THIS WHITE PAPER CONSTITUTE FORWARD-LOOKING STATEMENTS OR INFORMATION. SUCH FORWARD-LOOKING STATEMENTS OR INFORMATION INVOLVE KNOWN AND UNKNOWN RISKS AND UNCERTAINTIES WHICH MAY CAUSE ACTUAL EVENTS OR RESULTS TO DIFFER MATERIALLY FROM THE ESTIMATES OR THE RESULTS IMPLIED OR EXPRESSED IN SUCH.

EXECUTIVE SUMMARY

AFROCHAIN is the first blockchain for Africa. It is the first step toward building a free economy for everyone, giving back the power in the hands of the people of Africa and Africa diaspora. An entire ecosystem is to be built on the AFROCHAIN blockchain. AFROCHAIN native coin is called Afrochain Token (AFR), a Afrochain Token suitable for African-market usage in line with its vision to provide access to financial services for everyone. Users will be able to their own project on the Afrochain mainet. The Afrochain ecosystem will enable users to have access to education, payments, exchange, trading and investing, and lots more.

With about 250 million immigrants in the world sending over \$600bn to support their friends and families back home every year, the remittance business is at the middle of all the transactions, a significant source of funding for many individuals and families across the world. However Immigrants face two significant challenges when executing cross-border and local money transfers:

- Cost

The cost of remittances is punitively high. Transferring money via banks and traditional international money transfers operators could cost from 7-12% of the value transferred.

- Visibility

Over 40% of remittances are intended for specific uses like food, clothing, medicine, school fees or utility bill payments. Senders want to ensure Afrochain platform connects senders directly to the merchants that serve their recipients' basic needs back home. A new token, Afrochain token (AFR) will enable senders to purchase digital vouchers (AfroGifts) that can be delivered to billions of their recipients across the world instantly via SMS or e-mail. These vouchers can be spent directly for goods and services from Afrochain ecosystem of partner merchants within their community. The service will significantly reduce the cost of transfers, while ensuring that the recipient receives the appropriate value as intended by the sender.that their money is being utilized for its intended purpose.

A Distributed payment and trust solution on the Ethereum blockchain, leveraging smart contract technology which will later be transferred to Afrochain platform. The payment solution works flawlessly together with our Distributed trust and reputation system. Merchants will be able to accept Ethereum based crypto currencies and exchange them with traditional (fiat) currencies. Afrochain token (AFR) solution will enable Merchants and customers to participate in global Distributed commerce with total trust.

Vision

To use Blockchain Technology to improve the lives of people of Africa and friends of Africa. To Bank the unbanked by giving them access to financial services through Education and equipping individuals and merchants with tools and access to the Afrochain ecosystem.

WHY AFROCHAIN?

Practices and challenges of cryptocurrency in Africa

Large-scale adoption in Africa, however, is still slow. Awareness, education and user experience are some reasons why the take-up is taking time. Switzerland and Singapore are both successful countries with strong currencies, and as such have nothing to lose by embracing Fintech and cryptocurrency. Countries with high inflation and currency controls in place seem to be paranoid about the rise of crypto currency. However, similar to the Internet, it is difficult to ban and/or control.

Afrochain token (AFR) cryptocurrency technology empowers both consumers and producers in all industries with an independent, decentralized banking solution.

Consumer Advantages:

- **Decentralized:**
The servers are decentralized and distributed into various servers which connected to a single network.
- **Anonymous:**
With Afrochain (AFR), you don't have to provide your personal information or credit card info. This secures your privacy rights against the legal whims of future administrations and makes identity theft virtually impossible.
- **Secured:**
Afrochain (AFR) is protected by next generation cryptography - beyond current military standards. This ensures that no one, including state actors, can unilaterally transfer your funds.
- **Transparent**
Everyone can view the transaction history on the AFROCHAIN Blockchain here on the [Etherscan Block Explorer](#) .

WHAT AFROCHAIN OFFERS

AFROCHAIN through its native coin Afrochain Token (AFR) is creating a worldwide, Distributed, trust and reputation solution that shall work seamlessly with mobile money gateways on the Ethereum blockchain riding on the smart contracts technology.

Worldwide transferable trust and reputation system

The Afrochain Token (AFR) system is designed in such a way that whenever a transaction is made, the system, that is, the blockchain, will record aspects of the transaction including time, receiving and sending wallet addresses, warranty conditions, delivery time and such other required information to safeguard the integrity and trust of the system. To achieve this, confidential information will only be available to authorized users in a designed user interface. Based on those facts, Customers and Merchants will be able to register, resolve claims and rate each other, etc. when a transaction occurs, claim recorded, resolved/unresolved based on the purchase details recorded when the purchase was made, review written, etc., the smart contracts will automatically change the trust level for each of the parties involved.

Payment solutions through Mobile gateways

With the aid of the Ethereum Blockchain one can make payments with 1 step & 1 fee, which results in accepting payments at an economical fee. After integration with AFROCHAIN, merchants will be able to: - Use our Distributed trusted and reputable system. Accept Ethereum based tokens. Accept mobile payments. Exchange cryptocurrency to their locally acceptable fiat currency.

To enable African Economies to be blockchain tech equipped.

The Afrochain platform only allows Merchants to engage in a trustful Distributed global economy. It also provides a platform for Merchants to reach the growing digital asset economy through our payment solution. With the growing need for blockchain technology, Afrochain Token (AFR) will be the launch pad for easily accessible blockchain technology that will be easily integrated in both private and government economies in Africa.

Mobile payments: There has been a huge shift in mobile payments.

According to Mobile Payments World, the number of in-store mobile payment users in the U.S. is predicted to reach 150 million by the end of 2020—which will represent 56% of the consumer population at that time. Juniper Research estimates that in 2016, U.S. Consumers bought \$47.6 billion of physical goods

via remote mobile payments. These figures represent countries, which enjoy proper digital infrastructure and monetary stability. The same cannot, however, be the case for the billions of people who live in countries which do not enjoy such infrastructure, and where monetary stability is a problem such as South Sudan, Zimbabwe, Nigeria, Mali, Uganda, and Cameroon and many other African countries. It is then only reasonable to come up with payment systems and solutions for populations who do not otherwise enjoy access to stable environments for financial transactions, otherwise known as “the unbanked people of the world.”

How can the e-commerce industry work around these challenges and get access to this untapped potential?

What are the available technologies that can lead to financial inclusion, change trading habits, and create new exchange dynamics? We believe the blockchain technology and cryptocurrencies can achieve some if not all of that. While multiple options exist in the cryptocurrencies market space, we simplify the overall experience from the point of view of both the buyer and seller. Most online shoppers will be familiar with the clean and intuitive interface. AfroWallet Ethereum wallet will be integrated into its own managed escrow system as a Distributed platform with all listings held on the chain. The AfroWallet never goes offline and there is no single point of failure. Third-party application integration will be added in time, with the goal of creating a full-fledged ecosystem, which prepares a new generation of users for e-commerce.

Afrochain Specifications:

Token Name
AFROCHAIN

Ticker
AFR

Max Supply
75,000,000 AFRs

Total Supply
26,250,000 AFR (Private Sale & Public ICO)

HARDCAP
\$ 5,625,000

SOFCAP
\$ 1,875,000

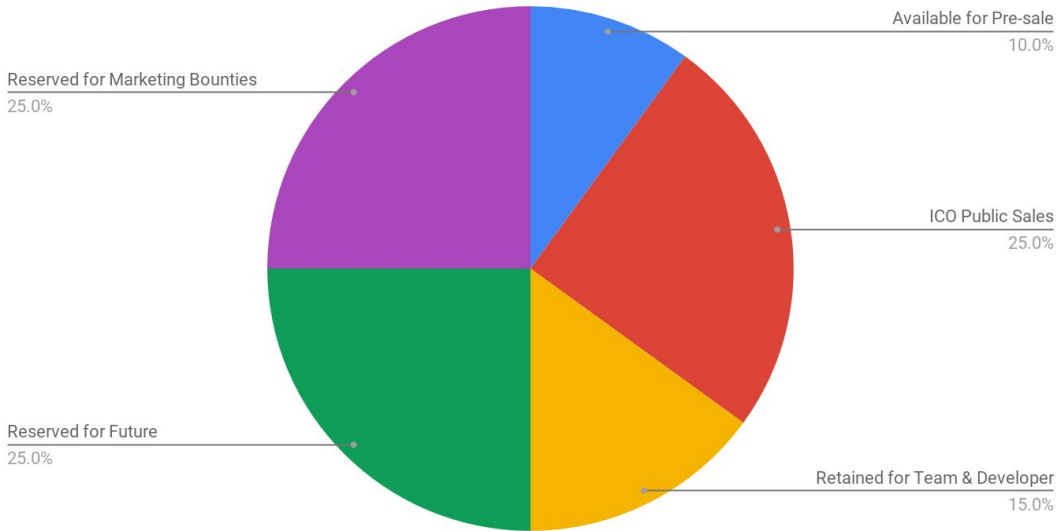
Exchange rate
1 AFR = \$ 0.1 (Private Sale)

Target Price December/2018
\$10 /AFR

Project protocol
ERC20 ETHEREUM Platform

Afrochain Distributions:

Available for Private Sale	:	7,500,000 AFR
ICO Public Sale	:	18,750,000 AFR
Retained for Team & Developer	:	11,250,000 AFR (Locked)
Reserved for Future Development	:	18,750,000 AFR
Reserved for Marketing Bounties	:	18,750,000 AFR
Total Token Available	:	75,000,000 AFR





AFRO ECOSYSTEM

- AfroPay
- Afro-DEX
- AfroStaking
- AfroBank
- AfroMarketPlace
- AfroNetwork
- AfroEducation
- AfroEntertainment
- AfroSmart Land

Afrochain – Building a new Africa

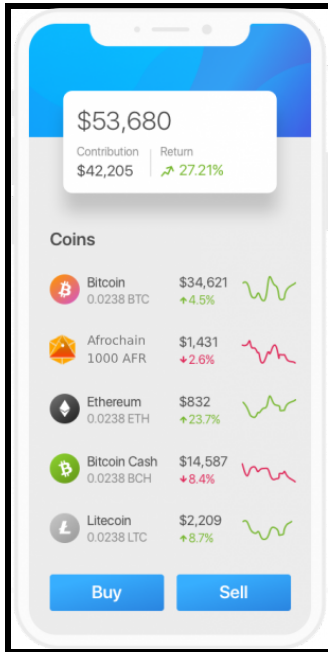
- Will have its own ecosystem (NileChain foundation)
- Will help Africa in term of free commerce
- Will bring financial Education to the masse
- Building infrastructure of the African continent
- Water projects
- One currency for all
- FairTrade
- Banking for the unbanked
- Investors will have tokens to participate
- Money will be use to implement the project
- Payments solutions
- Remittances for the diaspora
- Agriculture, farmers to be able to do transactions
- Equip the African population with the Blockchain Technology
- Smart contracts – Land protection
- Social housing and more...

Producer Advantages:

- **Mobile Payments:** Pay with the comfort and convenience of a dedicated mobile wallet, the AfroWallet.
- **Borderless Payments:** Afrochain (AFR) uses decentralized technology, meaning that there is no difference in fees or limits. Whether you're supplying to the distributor next door or on another continent, your transactions cannot be censored and will complete near instantaneously.
- **No Compliance Required:** Receiving credit card payments online, especially in evolving legal environment like the marijuana industry, can be an insurmountable hurdle for small local businesses. With Afrocoin (AFR), there are no PCI standard or any other compliance requirements.
- **Zero Transaction Fees:** Decentralized blockchain technology makes zero cost transactions possible, with an option for including a "mining fee" to complete your transaction at a prioritized speed.
- **Protection Against Fraud and Chargebacks:** Unlike PayPal or other popular methods of online payment, Afrochain (AFR) is immutable by design and transactions are final and irreversible. By eliminating the business cost of chargeback fraud, your lean operation can focus on being more competitive.

Revolutionary Ecosystem for Seamless Crypto and Investments.

INTRODUCTION AFROPAY



Afropay is Digital Cryptocurrency Payment Gateway.

AfroPay is a unique payment solution for easily accessing and transferring funds electronically.

Accessible from any location in the world, the world-wide payment network, proprietary payment platform and global payment solution ensures payees that they receive their funds in a timely and cost-effective manner.

AfroPay is a trusted payments technology and a service provider to top-tier organizations across multiple industries.

Payees enjoy the benefits of quickly receiving their funds and the ability to choose payment methods that are most convenient for them,

including local bank direct deposit, branded prepaid cards and more.

Zero Transaction Fees, Decentralized blockchain technology makes zero cost transactions possible, with an option for including a "mining fee" to complete your transaction at a prioritized speed.

INTRODUCTION AFRODEX

AFRODEX is Decentralized Exchange.

AFRODEX Using decentralized "0X-Protocol" You can Exchange any ERC20 Token with AFRODEX Decentralized Exchange.

AFRODEX Decentralized Exchange to Create wallet we Using Myetherwallet API, our platform support Metamask Google Chrome extension and Ledger Nano's.



Warning!: *AfroDex does not Keep Your Personal Private Key, You are Owner of your Your Wallet.*

INTRODUCTION NILECHAIN FOUNDATION



About NileChain Foundation

The NileChain Foundation is a private exempted company incorporated and is intended to become a fully decentralized autonomous organization (DAO). The NileChain Foundation will issue a new Cryptocurrency, Nile, to enable a decentralised financial system for Africa emerging market consumers. However, due to the infancy of the crypto governance space, the NileChain Foundation will assist with providing a governance forum, administer and maintain the Nile token economy and its ecosystem in the short-term.

The Nilechain project will be built on the Afrochain mainnet and will be home to an entire ecosystem that will change the live of African people and create wealth for all.

The Real Estate Industry

“A House for everyone in Africa”

Nile Foundation is charity leveraging blockchain technology to build a decentralized real estate and rental ecosystem that will develop quality affordable houses and use blockchain technology (Nilechain) to make buying, selling and rental process of properties less costly and more convenient and secure.

Housing Problems in Africa

According to a research carry out by UNICEF in 2017, Over the next 15-20 years, Africa's population will grow by 40%.

Millions of Africans will need shelter – a roof over their heads.

This huge population boom is the strongest underlying reason for the huge demand for accommodation and real estate properties across Africa.

According to the world Bank, an estimates of over 16 million new houses need to be provided to solve Nigeria's serious housing problem alone, and the estimated cost of providing these homes stands at a whopping \$350 billion! That's too much for any one government to handle!

Solutions

NileChain platform will allow end users to use the NileChain tokens to buy, sale, rent, manage properties and ultimately pay rent and utility bills.

Bridging the huge housing gap for over 100Million people in the continent living in temprory structures - through developemnt of affordable building at affordable cost.

The international investors will be able to access the Huge African real estate market through the HouseAfrica platform property portfolio, they'll also be able to buy, sell and manage properties from anywhere in the world.

Water Project

PROBLEM: Some sources estimate over 1 billion people, or about one-sixth of the world's population, do not have access to fresh water. The lack of access to fresh water has negatively affected education, sanitation, and health.

443 million school days are lost each year due to water-related diseases.

In developing countries, as much as 80% of illnesses are linked to poor water and sanitation conditions.

695 million, of a global 2.4 billion people living without improved sanitation facilities, live in Sub-Saharan Africa.

Exposure to unsafe drinking water, inadequate sanitation and poor hygiene is a leading cause of cholera, and a variety of infectious and tropical diseases in the African Region.

Half of the world's hospital beds are filled with people suffering from a water-related disease.

Nearly 1 out of every 5 deaths worldwide, under the age of 5, is due to a water-related disease.

SOLUTIONS: Nile Foundation is creating the decentralised water funding with the help of blockchain technology and leading water innovators, to dramatically improve the quality of water worldwide. Money raised through the Nile Foundation will help build water pump projects to enable access to water, where it is most needed.

Bill Payment:

Pay bills and school fees in the Nilechain Market for free. The Nilechain Platform will allow cashbased consumers into the digital financial economy. The Nile token is fractionally divisible and more isolated from the volatility of local currencies and global cryptocurrencies. Consumers will be able to engage in the Nilechain ecosystem by making transfers using their own token wallets, via the Nilechain Platform, or through other partner applications that make use of the Nilechain API. Upon launch, the Nile token will have immediate utility within the Nilechain Financial Platform where a user can transfer Nile token to other Nile users for free, remit across borders, and redeem Nile for airtime, data, and other value-added services.

Transportation:

Nile Foundation will facilitate the building of road in Africa

Supply chain:

Can we improve current supply chain systems?

Organisations do not entirely trust each other meaning that they can modify their own database which contributes to the loop of dishonesty. However, by applying a blockchain solution, organizations will be forced to reach a consensus for every modification and/or transaction they do which will be seen by all of them in this public database. Hence, this might increase productivity given that issues such as frauds will disappear leading to a sustainable growth while maintaining the quality of the product. Ethiopia is a suitable example of this blockchain solution given that farmers frequently have issues for knowing whether the product arrived, the customer paid or a possible case in which the product has been lost. As such, a shared database will allow farmers to trace products and record all transactions.

Education:

By providing the educational tools that simplify and demystify digital currency, we help individuals and merchants to understand and use the cryptocurrency.

according to experts, the following process is used to implement blockchain in developing countries:

- 1) Beginners mind: one assumes that one has no knowledge leading to learning as much as possible
- 2) Team: finding the right people is a vital step. Partnering with universities and ministers of science and technology might be optimal. Once one partners with them, it will become easier to ask for the most educated individuals.
- 3) Teach uneducated people: ask the team to teach people from developing countries all they need to know about how these technologies work.
- 4) Analyse problems: after providing the knowledge to the local people, it is important to discuss with them the problems that they are facing in a daily basis with the aim of seeking solutions by applying these technologies.

Nile foundation is on a mission to bring blockchain education in the whole of Africa. This will be done through events, seminars, workshop and conferences. Nile Foundation will partners with schools, businesses and government agencies in order to make this possible.

OUR FUTURE PARTNER



WALLET SUPPORTED



Metamask



Myetherwallet



ROADMAP

Q 2 - 2018

- Recruitment.
- Feasibility Studies to help teams connect to exchange information on a PoS network.
- Whitepaper preparation. Website & wallet development.

Q 3- 2018

- Launch AFROCHAIN Website, DdoS Attack Protection.
- Presale Program 7,500,000 million coins will be sold.
- Marketing push & technical support, Development Security improvement.

Q 4 - 2018

- ICO Program Initial Coin Offering (ICO): 18,750,000 million coins will be sold.
- Launch AFRO-DEX Platform Development (AFRO-DEX is Decentralized Digital Asset Platform for ERC20 token Exchange.)
- Launch AFRO STAKING Platform, AFRO Staking Platform is New Ecosystem for Increase Value and Demand of AFROCHAIN Token. Get 10% Affiliate Bonus, 10% Staking Bonus every 15 Days, it mean your passive profit is 20% monthly.

Q 1 - 2019

- Processing Listed on external exchange and Coinmarketcap.com Development of a prototype device & Preparation for card issuance
- Launch Afro Marketplace
- Configuration and support customer helpdesk

Q 2 - 2019

- Start Development of Nilechain on the AFROCHAIN blockchain. Nilechain is an ecosystem that will be focus on improving the quality of life of African communities and its people. Through the Nilechain foundation, funds raise will help build water projects all across Africa, Solar electricity for all, bringing clean water to homes, and building Schools and Shelters.
- Launch Nilechain Foundations. Building infrastructure of the African continent, Water projects.
- Technical and legal fulfillment of the project, as well as creating partnerships with business partners.
- Target Asian, Europe, Africa market, Korean, Japan, Thailand, Malaysia, Russia, Greece.

Q 3 - 2019

- Launch AFROPAY, Payment platform
- Start Developing the interface for Web Wallet, Android and IOS on the AFROCHAIN Mainet.

Q 4 - 2019

- Launch of AFROCHAIN Mainet.

2020 - 2022

- Improve on Network security, New website Design. New age of the AFROCHAIN Blockchain.



WEBSITE

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