Africa’s Self- Sustainable Web3 Ecosystem

Table of Contents

Introduction

Africa as the second-largest and second-most-populous nation accounts for a accounts for a 2% volume of the world's crypto transaction via CeFi and DeFi platforms recording a 16% growth between July 2021 - June 2022 with Nigeria and Kenya ranking 11th and 19th on Chainanalysis global crypto adoption index. Despite this impressive growth, Africa has no self sustainable ecosystem powering its web3 African market. This is a pointer that Africa is ready for full scale adoption but the Market is underserved.

We have identified some few missing parts responsible for the Market underservice that is resulting in the slow adoption rate of web3 in the continent. Our research also points us to the reasons why there was an adoption in the first place. We will discuss these reasons and how our products and services address them and overall, what makes our blockchain the architecture for Africa's web3 digital economy.

What the Adoption numbers are saying

Africa demography

16.72%
of the world's population

70%
African youth population

42%
Of global youth population

Africa Digital strength
35.3%
Illiteracy rate

31. 8%
do not have smartphones

Crypto Adoption in Africa

2%

Of global crypto transactions
16%

Growth usage between 2021 - 2022
80%
Retail usage in Africa

African Startups
<1%

0.44%
Total funding for startups

there are **18,000+** web3 developers currently contributing to projects.
It is safe that African developers will account for less than 1% of this number.

It is comparatively sad that 8 years after its emergence, the said revolutionary technology is yet to onboard its potential second-largest market. This proves that despite the noise about how good cryptocurrency is doing in the African space, adoption is not scaling as expected.

Reference list

https://www.statista.com/statistics/1233204/adult-literacy-rate-in-africa-by-region/
https://furtherafrica.com/2022/07/19/african-countries-with-the-highest-number-of-mobile-phones/#:~:text=The%20report%20indicated%20mobile%20connections,over%2089%20million%20smartphone%20users.
https://blog.chainalysis.com/reports/2022-global-crypto-adoption-index/
https://techcabal.com/2022/09/15/web3-africa-adaverse-startups/

https://www.pewresearch.org/fact-tank/2022/08/23/46-of-americans-who-have-invested-in-cryptocurrency-say-its-done-worse-than-expected/ 2021 crypto users data
https://www.pewresearch.org/fact-tank/2022/08/23/46-of-americans-who-have-invested-in-cryptocurrency-say-its-done-worse-than-expected/ft_2022-08-23_cryptonfts_01/ 2022 crypto users data
https://earthweb.com/metamask-statistics/#:~:text=How%20many%20people%20use%20Metamask%20in%202022%3F,monthly%20active%20users%20of%20Metamask. Metamask data
https://consensys.net/reports/web3-report-q3-2021/#Web3-Economy other data raised
https://www.surveymonkey.com/curiosity/momentive-study-web3-daos-and-nfts/ DAOs and generation categorization.

The Problem Statement

The task of providing scalable products in a decentralized and permissionless space has its hurdles. While the bulk of it is a result of the fallibility of the adopters presently occupying the industry, few of it can be blamed on the limitations of the technology itself which makes solid regulation almost impossible.

The present web3 adoption is transactional. It is largely a get-rich-quick platform; where the only use case the projects are providing is trading. Africans are into cryptocurrency for retail usage to earn a living amidst high unemployment since there are no useful products that are applicable in the real world.

Aside from the basic components of web3 which includes decentralization, token-based economics and other benefits, we have only tapped into 'investment' and have not had time nor resources to focus on the real use cases that can propagate genuine and organic adoption of web3 in Africa.

Present mainstream platforms do not have Africa in their original plans. They all emanated from their respective continents. While there are no startups pushing for the development of an African ecosystem, there is a general disinterest in Africa startups by most VCs and investors.

{illustration one}

Case study

We discussed and examined the possibilities of employing web3 in current web2 applications. We looked into the legality, ease of use, security and management. All examinations and reviews brought us back to the fact that there is a shortage of web3 developers. However, we will share our observations in this paper.

A ride-hailing company can decide to port the architecture of their offering to web3. This will in turn solve a lot of problems and save a lot of money that would have been spent on transaction fees. For example, in 2017 IPO filings, Uber announced they spent $749m on payment processing fees which can sufficiently scale 749 startups in the United States. Using Web3 technology would have saved up to 99% on these fees because the fee is based on the product of gas limit and gas price, usually $0.001 for EXX network unlike in credit card payment where the fee is based on a percentage of the amount transferred. This enormous transaction fee issue is persistent in all web2 applications that take payments such as Amazon, Netflix etc.

From our research, we concluded that it is indeed wise for these companies to adopt web3 technology due to its privacy, security, decentralisation and affordability. However, we have not made a conducive environment for this. The venture capitalists still have their reservations for African based projects, the developers are not anywhere available, there is no solid regulatory framework, the people do not understand and cannot trust a system where an unknown person can steal hundreds of millions in USD overnight and the team can only negotiate with the hacker for the part of the money to be recovered. We are still limited in the following ways:

Insufficient Web3 talent pool

Web3 suffers from a shortage of talent. Generally, it was reported that there are only a little over eighteen thousand (18,000) developers in web3. Eighteen thousand developers would be nice and manageable. However, our research and experience in this space informed us that only a fragment of these eighteen thousand developers are experienced. Unfortunately, over 80% of these developers have less than 2

years experience and the majority of them are grossly inactive. For billions of potential adopters, this talent pool is marginally insufficient.

- The majority of developers are inexperienced. They mostly copy and paste open source codes and as such, they lack proficient skills.
- The experienced ones are employed and hijacked by fortune 500 and other top companies.
- Most importantly, there have been no enticing models to groom developers for the web3 space.

Poor security

Africans generally have trust issues with funds and capital. Web3 on its own has however brought in a new set of cyber threats that have for so long been web3 media highlights. Three major reasons are found behind these attacks and hacks. They all have to do with developers and their insufficiency. For example, bridges that were 'hacked' in recent times may be due to:

- The implementation of the application is not properly done or fully audited. For example, not auditing all contracts to save cost, not doing proper testing on the interface, database and processes of the application.
- The team hack themselves to get rich quick by deploying and upgrading new versions of contracts different from what was audited. Note that most teams only audit their first contracts and never audit the updates.
- When projects outsource developers, some malicious developers can create ~~a~~ backdoor access which may not necessarily be in the contracts audited.

Unuseful Products

The centralised internet (Web2) has been able to successfully deploy products and services that are useful and appealing to a wider audience. However, web3 products are currently useless at large. They are usually designed with one goal in mind, to trade tokens. In contrast, if we begin to develop solutions for regular user day-to-day activities, then we will be enticing more African users into web3.

- 99% of DApps offer no real-world use case or advantage.
- Even as the users are focused on web3 economic values, we have not fully enjoyed the benefits of token-based economics.
- To make products people need, web3 requires skilled and dedicated developers and we work towards solving this.

Over technical DApps

For a continent where 1 in 3 persons cannot speak nor write, Web3 products and DApps are complicated to use. For mainstream adoption, there is a need for basic training and sensitization of the general public of prospective users because most users cannot comprehend the variables around web3 and its architecture. From research, we deduced that most web3 users / retail investors do not understand token economics or metrics. They outrightly believe that less token supply would mean more profit for them whereas, the return on investment is determined by the market capitulation at which the tokens were bought.

- The ecosystem products are not User Experience Driven.
- Most of the DApps are boring to the new generation of users.

- Current web3 Products are not easy to use and navigate for an averagely educated person.

Solution: EXX Ecosystem

EXX Network:

A network powering Africa's self-sustainable ecosystem for the development of the African web3 market.

It is not a question of if but a question of when. We are sure the future is decentralized and many apps would run on token-based economics; our goal is to ensure we get there faster.
EXX was born out of the dire need for an architecture and framework that eases the speedy growth of web3 in Africa. By the time we build a robust web3 ecosystem that eliminates all the fallibilities, we will attain a considerable surge in web3 adoption.

Our ecosystem is made up of two components: education which involves developer grooming and infrastructure which includes the blockchain solution and the products built on it. Our focus for the ecosystem is:

{Illustration two}

User Experience Driven

We are laser-focused on the user experience of web3 because we understand that it is important to make this right for us to achieve the adoption we require. Unlike other layer 1 blockchain solutions, Exx blockchain is not on its own; It is released to accelerate web3 adoption and hence, we are providing the services and products to achieve our goals. Our products are built to be easily understood and enticing to users.

Usable Products

Web3 is at the stage where the internet was in the early 1990s, that was the period adoption was low and many people did not think there would be any good from the internet including the tech giants. The speculations were valid because there was a terrible User Interface and Experience. However, following the Hyperlink proposal of Tim Berners Li in 1989 and the subsequent launch of Mosaic browser, the websites hosted on the internet grew from 130 to 100,000 in the space of 3 years, a 1,000,000% (percentage) increase. Exx Network itself is powering a complete ecosystem of DeFi products and services that are applicable for day-to-day use.

ExxDev - Web3 Talent Grooming

As experienced professionals in the web3 space, we have been through a lot of situations, especially at the early stage of our research and idea formation years ago. We have been 'victims' of the inexperienced and under-developed developers who just saw a bubble and decided to become developers overnight. With these developers, a 2 months project will still be pending for 6 to 12 months and eventually come up with a sub-standard implementation. Our program is aimed to provide free comprehensive training for web3 talents. Exx is positioned to be the leader of the talent supply chain for web3.

VC and Investors Pool

For there to be a functional and active ecosystem in Africa and for Africa, there is the need for a strong and reliable network of African-focused Venture capitalists and Angel Investors. We have mapped out strategies, implemented actions and are currently sealing agreements with VCs and investors to fill in this gap to help harness the potentials of web3 in Africa. With this pool, EXX will smoothly foster Africa's self-sustainable and power the influx of innovations and use cases.

Web3 Education

As earlier established, web3 is still a new concept and unknown to many. This moment is similar to the 1900s and 2000s when there are establishments purposely tailored for computer training. We need to establish something of this kind to help people understand what web3 is and how things work within it. Through reward-based initiative, Exx is strategically building web3 ambassadors that are set to spread web3 education to every corner of the continent.

ExxDev - Web3 Talent Grooming

While there are adoption barriers arising from the inefficiencies of developers, there are also the perceived gatekeeping issues wrapped around getting the training, knowledge and education needed to

become a web3 professional. Acquiring the development knowledge can be expensive, tiring and extremely difficult. It requires great and intentional expenses on the part of a willing learner with conditions of access to many resources - expenses on internet access which amounts to money, time and great mental energy, resources on gadgets, uninterrupted power supply, good learning environment and realistic learning hours. Great developers do not just spring up from nowhere. There is a need for mentorship and guidance along the way. Where these blockers of knowledge are unconditionally removed, the ecosystem will have a surplus of competent and experienced professionals.

With a key focus on consistently and constantly supplying the decentralized ecosystem with web3 talents, ExxDev is EXX network's frontline project that educates, trains, develops and deploys web3 professionals. ExxDev is an incubator programme that provides all resources, facilities and materials needed to groom talented individuals to become web3 professionals.

How it works

ExxDev will bridge the web3 talent gap by sourcing talented individuals, and training them for a thorough and intense minimum of 6 months skills acquisition period. The process will begin with an open application. The forms will be carefully sorted with responses taken into consideration and candidates perceived to be intentional will be selected to move to the next stage, which is the Aptitude Test. Following the aptitude test is a live interview stage where successful applicants will be selected to begin intensive and aggressive training for 6 months or more depending on the targets.

With our Blockchain, EXX Network, the talents have a working platform to learn, build and experiment on. Interestingly, EXX will be in agreement and partnership with established startups mainly within our ecosystem to kickstart a deployment program where trained and certified talents will begin an explosive web3 career. The incubator will begin from Lagos, Nigeria, and continually spread all over the world, especially where we can find enough brainpower.

What the Incubator contains

- Physical training hub
  ExxDev will feature a fully equipped physical training center where learners can easily work together and achieve better results in lesser time. This will give them easy access to the facilities needed such as; functioning and efficient computers, uninterrupted power supply, stable internet access, and 1:1 teaching, guidance and directions etc.

- Seasoned and diverse tutors
  The incubator will onboard experienced tutors from around the globe. These tutors will be carefully selected on advice and recommendations based on their backgrounds, projects worked on and their influence in the web3 developer space to teach and guide the learners.

- Learn to Earn
  We are not oblivious to the fact that the learning process can become uninteresting along the line. We plan to employ the carrot and the stick approach. The carrot here is the monthly stipend which will be paid to the talents as a reward for their hard work and motivation to want to continue and something to keep them focused on the task alone.

- Key Performance Index

This is the stick that complements the carrot. Web3 development requires a high level of concentration and performance to build and deliver networks and DApps that work for the betterment of the ecosystem. We will put in place industry standard KPIs to monitor the progress of every talent. Talent will be asked to continue, withdraw, or advised to do better depending on their individual KPIs.

- Deployment for work opportunities
  It is not enough that we train and develop them, we need to see them through gainful employment opportunities that will let them contribute their quota to the development of the web3 ecosystem within and outside Exx Network. We will work with established firms and companies for the supply of these skilled talents as well as outsourcing purposes.

Skill Focus

Ignore the name, it's only aesthetics.

The incubator will focus on all the most sought after web3 professions needed to build an infrastructure that will expedite adoption and establish a competitive web3 ecosystem for global adoption; ExxDev will train:

- Blockchain Developers
- Blockchain Architects
- UI/UX Product Designers
- Full Stack Developers
- Game Developers
- Mobile App Developers

ExxDev looks to bridge the web3 talent gap by providing the actors on which the ecosystem relies to expedite adoption.

EXX Events

Web3 to every corner

During our preliminary research, we deduced that getting into web3 for a beginner requires extra educational efforts. Compared to Web2, the bare terminologies are too technical and not easily understood. Communicating its dynamics, model, and differences poses a great challenge in the industry.

These technical terms will naturally discourage an average adopter who is looking for easier means to transact or use a basic service App.

The solution here lies in Education. Several intentional efforts have been made so far by mainstream companies and firms to educate more users. These efforts are not enough as they are not strategic enough to drive turnover. EXX events is another of the network's initiatives to run web3 education across the world, even to the farther and deepest corners of the world.

Through intentional and comprehensive training programs, EXX will be training ambassadors from different locations across the globe on blockchain education and enlightenment. These are targeted ambassadors selected based on their location and settlements. They will be made to create blockchain communities, and speaking clubs and also organize mini and major blockchain education events in their local settlements. They will be rewarded based on an already-designed reward system.

Key Aims

- Blockchain education to every corner of the world.
- Expediting adoption among the locals.
- Expanding ecosystem job opportunities for Ambassadors
- Promoting and marketing the EXX Network ecosystem.

Who can be Ambassadors?

- Web3 professionals
- Graduates and Undergraduates
- EXX ecosystem team
- Newbies and Novice looking to enter the web3 ecosystem

EXX Network

Layer 1 blockchain powering optimum Usable Products with focus on User Experience

Design Philosophy

With the network's focus on accelerating mass adoption of web3, the Exx network is a layer 1 blockchain for developing user-focused DApps and solutions to accelerate adoption.

Ethereum being the premier web3 platform is the network of choice for deploying DApps and contracts. However, the network consists of many limitations. Exx Network is proposed as the solution that gives builders and developers the flexible framework to explore virtual machines to power the world's most proficient ecosystem for adoption purposes.

{Illustration 3}

Exx Network comprises the most in-demand web3 functions for the development of a community-centric and open-source ecosystem. As a result, these are what make up the Exx design philosophy:

Consensus Mechanism

Exx Network uses the strategy of Proof of Staked Authority to achieve consensus on transactions. Proof of Staked Authority provides a defense to 51% attack, with better effectiveness and tolerance to specific levels of Byzantine players (malicious and hacked).
The consensus protocol goals are as follows:

- It allows modern proof-of-stake blockchain network governance.
- It is compatible with the Ethereum network as much as possible.
- There is no inflation of native tokens.
- Block time will be shorter than the Ethereum network, e.g. 0-4 seconds or shorter
- Limited time to confirm the finality of transactions

Validators and Validator Mechanism

EXX is the native token used to stake on EXX Network.

In the genesis stage, a few trusted nodes will run as the initial Validator Set. After the blocking starts, anyone can compete to join as candidates to elect as a validator. The staking status decides the top 21 most staked nodes to be the next validator set, and such an election will repeat every 24 hours.
EXX network validators and validator mechanism goal follows:

- Blocks are produced by a limited set of validators (21 in total)
- Validators take turns to produce blocks in a PoS manner
- Validator sets are elected in and out based on a staking-based governance

Validators and Delegators

A validator is someone or in this case, a system who is responsible for verifying transactions by committing new blocks in the blockchain. They participate in the consensus protocol by signing blocks collectively using each of their private keys. The validator set is determined by the Validator Staking Module (VSM) built on top of the blockchain.

A delegator is someone who has contributed their EXX tokens to a validator's pool of tokens to increase his validator strength and reward.

````
      Reward
      A validator's reward comes from transaction fees from blocks signed and
commission fees taken from delegators.

      Given that the reward for a certain validator (with 30% self-bonded EXX) in a
block is 10 EXX and there is a 10% commission fee for its delegators. The reward is
shared among the validator and delegators according to each of their stake in the
following manner:

      ### Commision
      Amount of fees paid by the delegators to the validators


      ```js title="Commission (Delegator Fee) Calculations"
      // Pool total - Self-bonded (validator)
      100 - 30%
      Delegator share = 70%

      70% * 10 = 7

      // With 10% Commission fee,

      7 * 10% = 0.7 EXX

      // Commission of 7 EXX is collected from delegators and given to the validator.
      ```
````

```
### Validator Reward
Amount in EXX received by the validator.

```js title="Validator Reward"
// Total reward * validator percent + commission

10 * 30% + 0.7 = 3.7 EXX

// Validator gets 3.7 EXX.
```

Delegator Reward
Amount in EXX shared among the delegators.
```js title="Delegator Reward"
// Total reward * delegator percent - commission

10 * 70% - 0.7 = 6.3 EXX

//Validator gets 6.3 EXX.
```
```

Validator Risk

There are some punishments designed for validators who try to cheat the system or act contrary to the specifications of the validator requirements which includes going offline.

A validator risks losing his staked tokens to the system through a process called slashing if any fault is found.

Burning Mechanism

Burning of tokens are useful for sustainability and to ensure deflation which in turn promotes scarcity of tokens. We are implementing two clear means of burning EXX tokens:

1. Manual burning from a growing vault.
2. Automated burning from transaction fees.

The manual burning occurs periodically once at a time that we set and announce.

The fees collected on every transaction are distributed as follows:

90% to validators and block producers
10% to be burned

Native Token

EXX is the native token and will run on the EXX Network. The EXX Token will also be used to:

- Pay transaction fees to deploy smart contracts on the network

- Stake on selected EXX validators, and get rewards
- Perform cross-chain operations, such as transfer token assets on EXX and other networks

Features

EVM Compatibility
Ethereum remains the premier network with which decentralized Dapps, products, and solutions are developed. EXX is compatible with Ethereum to give room for flexible options for developers and users and support cross-chain and multi-chain ~~multichain~~ communication. It uses Industry dominant tech stack and language used by most developers.

Scalability
Compared to Proof-of-work systems, the Proof Of Staked Authority consensus algorithm enables better network performance; faster blocking time, and higher transaction capacity. With a very limited number of validator sets, it is an algorithm with an advanced scalability solution.

Security
EXX is a non-compromising blockchain architectural algorithm for reliable transactions backed by validators. The network employs the slashing technique which will expose malicious validators either for attacks, double signing, or unavailability. This makes attacks difficult.

Sovereignty
EXX network is a self-governing network with dedicated throughput and a fully customizable tech stack.

Interoperability
EXX is designed to give the freedom of mobility to both users and developers while sustaining the security that is expected from the network. The network support for arbitrary message conveying (token, contract calls, transactions, etc) spanning to external systems.

User Experience
EXX network helps to provide more than just a working product. Comparable to the best of web2, it facilitates low-cost transactions, quick and seamless transaction finalization, cool pages, and easy-to-navigate interfaces.

Developer Experience
Developing and deploying doesn't have to be a boring and painstaking adventure with many demands. EXX spices things up for devs; an alternative to Ethereum, with no protocol-level knowledge required, no token deposits, fees, or permissions and a developer grooming program.

Modularity
Blockchain technology provides and supports the modularity of code. This approach is useful to have a more refined and simpler code. It provides developers with high customizability, extensibility, and upgradability, short time to market and improves collaboration.

Architecture

Testnet

The Exx Testnet is designed as a proof of concept for testing the network for security, scalability and against vulnerability.

Ecosystem Actors

- End Users: Everyone testing through buy, sell and transfer transactions.

- Developers: People skilled and those trying out DApp and smart contract development using EXX testnet.

Testnet Functions

End users can:

- Send and receive EXX
- Issue new tokens to digitize assets, and use EXX Network as the underlying exchange/transfer network for the assets
- Send, receive, burn/mint, and freeze/unfreeze tokens
- Explore the transaction history and blocks on the chain via Exxscan, API, and node RPC interfaces.

Developers can:

- Issue new tokens to digitize assets
- Migrate existing DApps
- Run a full node to listen to and broadcast live updates on transactions, blocks, and consensus activities
- Develop wallets and tools to help users use DApps
- Explore the transaction history and blocks on the chain, via EXX Explorer, API, and node RPC interfaces.
- Extract other data of EXX network via full node or APIs
- Develop tools and applications to help users use EXX Blockchain

Limitations on Testnet

- You can’t become validators on Testnet at the moment.

- You can’t delegate tokens to a validator.
- There is no official staking infrastructure on testnet at the moment.

Mainnet

The network architecture is designed to power optimum user experience and usability by eliminating the lags of Ethereum which include; longer waiting periods for block confirmation, exorbitant confirmation block fees as well as block competition for faster confirmation which results in a competitive gas fee.

Ecosystem Actors

- End users: Everyone who uses the system, especially those who only perform basic transactions.

- DApp developers: Developers will use the Exx Network to develop and scale their applications and provide usable services with a better user experience for users.

- Block producers: These are responsible for making new blocks. They enable faster blockchain generation times. They have to provide a tangible stake to be nominated.

- Validators: Stakers need to deposit/stake tokens to validate transactions and also select block producers.

EXX Functions

EXX boasts of smart contract functionality and compatibility with the Ethereum Virtual Machine (EVM). This means that it has full support for Ethereum tools and DApps. Developers can easily port their projects from Ethereum to EXX. Users can also configure Apps like Metamask to work with EXX.

You can also:

- Send and receive EXX
- Issue new tokens to digitize assets, and use EXX Network as the underlying exchange/transfer network for the assets
- Send, receive, burn/mint, and freeze/unfreeze tokens
- Explore the transaction history and blocks on the chain via Exxscan, API, and node RPC interfaces.
- Stake your EXX to earn some block rewards

Developers can:

- Issue new tokens to digitize assets
- Migrate existing DApps
- Run a full node to listen to and broadcast live updates on transactions, blocks, and consensus activities
- Become a validator of EXX
- Develop wallets and tools to help users use DApps
- Explore the transaction history and blocks on the chain, via EXX Explorer, API, and node RPC interfaces.

- Extract other data of EXX network via full node or APIs
- Develop tools and applications to help users use EXX Blockchain.

Usability Layout

The blueprint for enabling quick and easy mainstream adoption of the EXX network blockchain infrastructure. We have already started working on many of these as we consider them important. We cannot wait for third party teams to implement them because of the delay. These things are:

Decentralized exchanges
A fully integrated and functional infrastructure for digital assets exchange on EXX network enabling other related suites of offerings.

Token price chart
An infrastructure for tracking and viewing price movement of all tokens tradeable and with a liquidity pair on EXX network.

Institutional Validators
At launch of EXX mainnet and implementation of our refined consensus mechanism, we plan to have integrated credible organizations and institutions to serve as block producers and validators on the EXX network.

Institutional Investors
While our business model is rock solid and mode of operation powers constant flow of liquidity into the project, we require a substantial amount of investment to facilitate the project and enable flagging off our services.

Assets Mapping
Some important assets and XRC20 tokens are important to have on-chain for a fully functional blockchain. We have implemented BUSD, USDT and some other important tokens on the test network. The same way, we need to map USDT, BUSD, USDC from Ethereum or BSC networks.

DApps Deployment
There is a need for consistent and productive DApp development in the EXX ecosystem for usability and increase in the adoption of our blockchain and services.

EXX Integration on DApps
EXX is an EVM blockchain and hence it can be supported by every product or application that supports Ethereum, Binance Smart Chain, Polygon, Aurora etc.

Future plans

- **Scalability**
  Improving on our blockchain architecture for expansion and supporting the infrastructure to handle heavy usage and processes. We look to be able to function effectively as a blockchain.

- **Decentralization**
  While ensuring scalability, we are careful not to compromise on decentralization and security of the system. One of our core plans in the future is to improve on decentralization of the network.

- **Efficient Storage**
  As the network expands through widespread adoption, there will be a need to create a more sustainable and efficient data storage for nodes running on the blockchain because all nodes will be expanding as well.

About US

Who We Are

EXX Network is the next-generation blockchain initiative built to facilitate the infrastructure needed to drive the adoption of web3 technology for the powering of an efficiently decentralized world.

The snail rate of web3 usage in the world is a call for global concern. With the realization that this slow adoption rate can potentially hinder the fulfillment of the decentralized internet promises, a team of web3 professionals came together to suggest and implement ideas, strategies and solutions that could get more users in the space in a shorter time.

To launch operations, the team temporarily relocated from their different places of residence across the globe, came together to work onsite for many months till the products and solutions are fully built, deployed, launched and ready for public use.

The Team

A formidable team of diverse and experienced African web3 professionals working round the clock to deploy the web3 aptitude needed to build the decentralized future.

(All images)

Management

Operations

Advisors