

Diaar Caak (DIAR)

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1. Blockchain Background and Important Concepts


A blockchain or cryptographic network is in general a database maintained by a distributed set of computers that do not share a trust relationship or common ownership. This arrangement is referred to as decentralized. The content of a blockchain's database, or ledger, is authenticated using cryptographic techniques, preventing its contents from being added to, edited or removed except according to a protocol operated by the network as a whole.

Diaar Caak is built on Cosmos Network, a blockchain software for building an ecosystem of interoperable independent and sovereign decentralized blockchains and applications powered by Tendermint Core, a BFT networking and consensus algorithm. Blockchains are connected to Tendermint Core via a socket called IBC.

Cosmos applications are built using Cosmos SDK, a framework for building and creating scalable applications. Smart contracts are programs written in languages like Rust. Programs encoded in smart contracts receive messages and manipulate the blockchain ledger and are termed on-chain. Smart Contracts on Cosmos Network are enabled through CosmWasm.

Diaar Caak aims to be the hub for blockchain technology and development in Africa. We'll provide, allow and open access to Financial services and digital services to the African continent. Diaar Caak has a native unit of accounting, the cryptocurrency **DIAR**, comparable to ATOM on Cosmos Hub. Also, Diaar Caak has a stable coin that will be used primarily for payments to enable stable transfer of funds and used for Decentralized Finance (DeFi) on the ecosystem. This stable coin is called **CAK**, a mintable and programmable stable coin. CAK is a fully programmable money backed by **DIAR** Reserves.

Fiat currencies have one common problem, they all go to ZERO. When they go to zero, a new fiat currency is issued or enforced. Fiat currencies are enforced money, they DO NOT have intrinsic value or have use value. The only time fiat has value is because the governments or parties engaging in exchange maintain and agree on its value. However, this agreement often is broken and not honored and the underlying fiat currency eventually goes to its intrinsic value of ZERO. I'm 30 years old and in my lifetime there have been more than three (3) different fiat currencies in Sudan and South Sudan that have gone to ZERO (Grish, dinar, Jenh and soon SSP). When fiat currencies lose their value, so does your hard earned money. Every African country has had its fiat currencies gone to zero since I was born, some countries had multiple currencies that have failed. This is Wrong and needs to be corrected.



Inflation is theft, criminal and inhumane because for the majority of the time, it doesn't have the interest of the individual in mind. The rise of inflation had caused famines, instability and lives. The current inflation in South Sudan at the time of writing was approximately 230%. That means if you have 100 SSP saved in your bank or house you have lost more than three times your purchasing power. meaning, what you can buy for 100 SSP at the beginning of the year, you CANNOT afford it anymore at year end. This is wrong to the core against South Sudanese People and Africa in general. The good news is that this problem is SOLVED by Diaar Caak.

What is the benefit of Diaar Caak?

By holding Diaar Caak's native token DIAR, you will benefit from the following:

- 1- Diar tracks and protects you against the rising inflation
- 2- Diar serves as a hedge against inflation
- 3- Diar Preserves your purchasing power
- 4- Diar grows your potential purchasing power overtime
- 5- Diar connects you to the global financial markets
- 6- Diar gives you FULL CONTROL of your money that you can access any time any place forever.

2. Introduction & Goals

Diaar Caak's main goals are as follow:

1. Diaar Caak's purpose is to empower anyone with a smartphone or a computer in South Sudan and Africa to have access to financial services, send money, and pay merchants both locally and internationally.
2. Create a cryptocurrency that is a hedge against the soaring inflation, protects user's buying power and stores value.
3. Hold Educational programs to promote financial literacy and blockchain as a form to close the wealth gap
4. Enable the locals to access the Cosmos Ecosystem and its great projects.

5. Enable entrepreneurs around the world to participate in the local economy, support local economies and nonprofit organizations or donate to any local cause.
6. Make unbanked individuals and communities be their own banks.

Africa is an untapped market with the majority of its population having zero access or limited access to the local and global marketplace. Most communities are unbanked or underbanked. The lack of financial institutions and basic financial services has left the continent to fall behind.

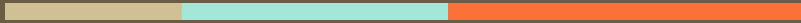
South Sudan, where I'm from, is the youngest nation in the world with a population around 14M. It's a nation with various natural resources but most importantly, its people, which is its true resource, are still unbanked or underbanked, posing major barriers and extreme poverty in most regions. These barriers coupled with decades of conflict have left the nation crippled, desolate and unfavorable for businesses to thrive. We know that financial institutions are vital and bring development and stability to a nation and continent. The lack of an adequate payment system that is relevant, efficient, sufficient, green and inclusive is one of the major components we are attempting to solve.

The solution is a decentralized, digital payment system using a token built on blockchain. Diaar Caak is a fast, open source, decentralized payment system that uses smartphones and computers to send and receive money both locally and globally using a phone number, wallet address and pay merchants.

Diaar Caak will now introduce its first component, **DAIR**, a volatile cryptocurrency for a decentralized store of value and payments. DIAR empowers and allows anyone with a smartphone, computer or internet connection to send and receive DIAR via a wallet directly with their phone numbers, wallet addresses and pay merchants. DIAR connects users, financial institutions, merchants and businesses, unbanked/underbanked communities and entrepreneurs and is denominated by a relevant digitalized payment system, while removing social and economic costs associated with existing payment methods, i.e., terrorist funding, corruption and financial injustices. DIAR is a volatile asset however, users may opt to use it for payments such as Bitcoin is used and accepted by businesses.

The second asset Diaar Caak introduces is **CAK**, a programmable stablecoin (stable-value cryptocurrency) that mirrors the price of 1 US Dollar. Users can convert **DIAR** or **CAK** for South Sudanese Pound (SSP) or any African currencies at will. The Token's peg to the USD is achieved via burning and minting of **DIAR**. **DIAR** serves as the collateral for **CAK**, which is redeemable for 100 US Dollar (**1 CAK = 100 USD**), ensuring that transactions can occur quickly, cheaply and reliably on-chain.

The Third component Diaar Caak will introduce is **Yieer**, the native wallet to the Diaar Caak Blockchain. Yieer will be used for payments. It will be provided for both desktop and mobile wallets users. It allows users to manage their accounts and make payments.



Yieer offers you the convenience to send, receive, buy, sell, stake, swap, borrow, lend, deposit and withdraw Diaar Caak's assets all in one place. Yieer will also allow you to send and receive money worldwide, IT IS YOUR OWN PERSONAL BANK.

Lastly, Diaar Caak aims to provide educational programs to teach financial literacy, financial independence, stable and sustainable financial security to South Sudanese and Africans to close the wealth gap. Increase blockchain knowledge and adoption and the Cosmos ecosystem. The educational program is named after the **world's First Multi-Disciplinary Genius, Imhotep**.

3. Value Proposition

We propose **DIAR** as a token of exchange in a secure, pseudo-anonymous, payment system and a store of value. DIAR's aim is to empower anyone with a smartphone in South Sudan, Africa or around the world to have access and participate in the local and global financial services. Harnessing the power of world class blockchain technology, Diaar Caak Tokens (DIAR & CAK) provides:

3.1 Users

- Send & receive money locally and globally with phone numbers and wallet addresses.
- Utilize DIAR or CAK to buy and pay for Goods and Services using Yieer Wallet via Mobile App or Desktop App.
- Deposit and withdraw funds to banks, ATM Machines, stores and exchanges.
- Invest, lend, borrow, stream funds and exchange currencies all within the Diaar Mobile App (DAPP)
- Utilize DIAR as a hedge against inflation, store of value and gateway to global finance.

3.2 Merchants & Business

Diaar Caak is first of its kind in South Sudan and Africa, it introduces great profit potential for merchants and business. The following are some of the benefits of Diaar Caak:

- Improve revenue
- Better reporting
- Less fraud
- Stream Money to employees (earn interest on funds issued as payments to employees or for services)
- Lend idle funds to generate extra income
- Access to the global market and customers

3.3 Unbanked and underbanked communities

- No bank no problem, you will not be left behind any longer
- Access made simple with the advent and proliferation of smartphones
- Access and participate in the financial services directly from your Yieer Wallet mobile app (DAPP)
- With Yieer Wallet you become your OWN Bank
- Manage your funds and investments
- Pay for goods and services from the comfort of your home

3.4 Entrepreneurs

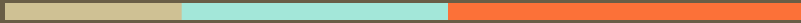
- Access to funds
- Guaranteed collateralized loans with competitive interest rates
- Raise Funds for your projects
- Access to new market
- Access to new and different ideas
- Ability to diversify your portfolio

4. A New Payment System: Diaar Caak Economics on Blockchain

Diaar Caak believes that everyone matters and plays a crucial role socially and economically. It is a human right to have access to basic financial services to harness the true talent and potential of South Sudanese and Africa as a whole. Diaar Caak serves as a bridge that connects peer to peer and businesses through a relevant payment method. Diaar Caak acts as a bank to the unbanked and underbanked regions, security and hedge against soaring inflation and currency devaluation, payment for goods and services and store of value

4.1 Diaar Caak Token Metrics

To improve the efficiency of digital payment systems it requires a new platform and unit of exchange. The first phase involves the roll-out of a new payment system, DIAR, a fast, open source, secure payment system that empowers anyone with a smartphone to send and receive funds locally and globally and pay merchants through phone numbers and wallet addresses. The next phase involves the introduction of Diaar Caak stablecoin CAK. It is a token for the decentralized payment system. Both DIAR and CAK connect financial institutions, merchants and businesses, unbanked and underbanked, and users, creating a new, efficient marketplace and ecosystem. This system is built with the Cosmos Network, an open source, blockchain-based distributed computing platform and with



CosmWasm's smart contracts. These cryptographically secure smart contracts are stateful applications stored in the Diaar Caak blockchain, fully capable of enforcing performance. The token is derived from – or denominated by – users.

4.2 Diaar Caak Technology

The Diaar Caak (DIAR) is an important element of a new marketplace. Cosmos Network is an open source, independent and interconnected sovereign decentralized blockchains, with the ability to expand with tools such as CosmWasm, IBC and ABCI all allows blockchains to adapt smart contracts, connect and be powered by technology like Tendermint Core's consensus and networking.

4.3 Diaar Caak Used as Merchant Payment Method

Merchant payment will be through the Yieer Wallet (mobile & Desktop). For the first deployment of Diaar Caak, the transactions in DIAR or CAK will take place through Yieer Wallet which is a secure, safe and protects user privacy.

4.4 Diaar Caak For User Applications


Diaar Caak has a native mobile application, Yieer Wallet. Yieer is a secure mobile application that lets the users access funds, send and receive and even pay. Yieer comes with two native tokens of the Diaar Caak for users to choose from, DIAR and CAK. Users can lend DIAR and receive interest as well as experience potential capital appreciation of DIAR. DIAR is used to pay for transactions fees and as a bridge to access the world of cryptocurrencies and financial services. CAK is mostly used for lending, borrowing and payment at a stable value. Diaar Caak website and Yieer Wallet will be offering educational programs where users can learn about financial literacy and blockchain technology.

4.5 Diaar Caak serves as a bank account

Users have full control over their funds, in the most secure and safe wallet Yieer. Yieer Wallet acts as a self bank to all users. Diaar users are their own bank permanently eliminating the issue of the unbanked and underbanked prodicument in South Sudan and Africa. Users will be able to manage funds, investments and payments all while remaining in total control and comfort of your smartphone.

4.6 Diaar Caak Token serves as a bridges to the Unbanked/underbanked communities

Yieer Wallet is a revolutionary to the unreached communities, women and financial institutions such as banking are now in the users reach. Users can finally participate, compete and grow their wealth locally and internationally to close the problematic wealth gap. Diaar Caak thus aims to reset the payment ecosystem, giving institutions, merchants



and customers a win-win solution whose components and protocols can become future payment standards.

5. Business Landscape

Doing business in South Sudan had been unstable for most of the regions after the 2013 civil war. This instability has caused businesses and merchants to fail or move out of the country while other businesses thrived. The lack of an adequate payment system also plays a major hurdle. However, Diaar Caak is a solution for both unsettling times as well as in stable markets.

5.1 Competition


Diaar Caak is the first of its kind in the country. It has no competition. It protects users' funds and wealth even during uncertain times. It's a decentralized payment system that lives on blockchain which can not change, shutdown or censored by anyone. Diaar Caak guarantees users fund's safety and access anywhere in the world. Compared to the cash systems that can be seized at airports, stolen or burned when unexpected circumstances or uncertainties occur.

5.2 Merchants and Advantage Metrix

Diaar Caak delivers the highest safety and peace of mind knowing that it offers maximum security to your funds worldwide. DAIR is first of its kind in South Sudan, it introduces great profit potential for merchants and business. Potential benefits to takeadvantage of are improved revenue, better reporting, less fraud, lend idle funds to generate extra income and even steaming of money from around the world.

5.3 Diaar Overview

Diaar Caak was developed to address the lack of a digital payment market and address currency debasement. DAIR and CAK tokens are built on top of Diaar Caak with Cosmos SDK, and will be the unit of exchange in a new, decentralized, open source and efficient blockchain-based digital payment system. In the ecosystem, merchants will be paid in DIAR or CAK based on the preference. Users will also receive, send and pay in DIAR or CAK for goods and services. This transparent payment system keeps user data private, safe and secure on the blockchain while delivering fewer but more relevant experiences. Businesses experience less fraud while increasing their percentage of rewards. And businesses get better reporting and performance. The first part of the solution, DIAR will be operational. DIAR is a fast, open source, privacy-focused payment system that offers instant world class user experience, security and protection, and contains a ledger system that pseudo-anonymously provides users full control over their funds to send, receive and pay merchants. The next step is introducing CAK.



Currently , we plan to offer CAK for users who prefer to use stable coins instead of dealing with volatile tokens such as DIAR. Users can send, receive and pay using CAK for all of their deals. CAK is fully collateralized by DIAR, SSP, USD, Other cryptocurrencies, precious metals such as gold and silver in reserves and even natural resources.

5.4 Key Team Members

Nasir P. W. Kueth, Civil Engineer, former Atwell LLC Engineer, Founder of Diaar Caak, Founder & CEO of Bank of Nasir, Founder & CEO of Kunda Music, Co-Founder & CEO of White Nile Entertainment and early cryptocurrency investor and adapter since may 2017. Invested in the Cosmos Ecosystem since 2019. Recently, I finished the Cosmos Academy and Tutorials to become a Developer. I am a well known Musician in my community and in South Sudan.

I left my civil engineering career to pursue the potential of blockchain and what it can bring to my community, Africa and the world in general. I have run and managed many successful businesses here in Phoenix, AZ and looking forward to bringing that winning mentality over to the Cosmos Ecosystem with **Diaar Caak**.

Currently I am the only founder and developer of Diaar Caak. The company aims to add more developers, team members, reliable and experienced partners. If you are interested in becoming a contributor, investor or a partner please don't hesitate to email us. See contacts below, looking forward to your partnerships and contribution into making **Diaar Caak a concrete project**.

Contact:

Please contact us at diarcaak@gmail.com. You will be able to Follow us on discord, facebook and twitter soon at Diaar Caak.

Website:

Please stay tuned for the official launch of the website soon.

(Note: See next page for potential token distribution and allocation if interested...)

6. Diaar Caak Token Launch

Please keep in mind that the following sections are liable to change in the future, this Blackpaper will be updated to include further information. Diaar Caak is open to experienced advisory.

6.1 Diaar Caak Genesis Supply Distribution

- Airdrop/Stakedrop (70% of supply): The Entire Cosmos Ecosystem (Holders and Stakers), The Entire African Countries and their Citizens, some South American countries including Brazil, Haiti, Jamaica, Cuba, Tirenda and Tobacco and finally India.
- Users that Downloaded **Yieer Wallet** and opened an account
- Core Development (5% vested for 12 years): TBD
- Community Pool (4% Education, infrastructure, etc): TBD
- Core Team (4% vested for 12 years): TBD
- Diaar Caak Hacks (5%): TBD
- Potential Seed Investors, Partners etc (3% vested for 12 years) = TBD
- Founders(5% vested for 15 years): TBD

6.2 Community Growth Pool

The Community growth Pool is used to incentivize users to participate in the Diaar Caak ecosystem as well as marketing to on board more users and increase adoption. It'll be used for educational purposes to produce videos and tutorials to further understanding. Also, it'll be used to provide a platform or infrastructure to reach the unbanked communities to enhance a conducive environment for the growth of the ecosystem.

- **Amount of TBD** Diar is to increase adoption of Diar Caak and grow user
- Diar received as a reward can only be used within the Diar Caak ecosystem for value added services.
- Unused Diar after 1 year will be sent back to the community growth pool which can then be used for new users.
- Existing Diar and CAK users can get tokens by downloading **Yieer Wallet** and creating an account.
- No new tokens will be issued once the community growth pool is exhausted.