

# Ukraine Coin™ [UAC] | Official White Paper

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## **1. Abstract | 30,000 ft overview of Ukraine Coin™**

Right now more than ever we face a pivotal chasm in a world full of devastating conflicts, fiat currencies that create vast social gaps, controlled by the inefficient government system, and new forms of currency with high volatility. On the surface cryptocurrencies appear the beneficial solution but lack transparency and empirical track records. The question lay, *“Who Do You Trust?”*

Cryptocurrency has lost a lot of credibility even though recently being merged with the Central Bank, forever engraving its place in history. Despite this recent progress, a large amount of the population is still uncertain. Nevertheless, the market is slowly beginning to become more sophisticated. This marks the rise of stable coins and other safe havens that have become more popular in regaining market confidence.

In this white paper we introduce Ukraine Coin™. Ukraine Coin™ is the natural evolution of this market sophistication, combining the stability of a stable coin to rebuild the country and to create the upward mobility of a traditional altcoin. This hybrid approach is undoubtedly a momentous systematic change agent.

In this white paper we will first attempt to unbiasedly address some of the major issues facing global economies, and present solutions to fill these economic needs, not just to repair the Ukrainian infrastructure in the fastest possible manner, but for the future potential conflict/disaster areas. In the end, this is an ongoing process and requires continual innovation over extended time intervals. There is no simple fix or one-fit-solution to solve all the problems. Mistakes will be made and collective effort is required. Ultimately, what will prove to be resilient is the continual commitment to improving our strategies overtime, based on data-driven metrics.

## **2. Brief History & Overview of Monetary Policy (History of Finance based Economics)**

In order to have a holistic understanding we must first explore our history and understand how we arrived at our current state.

### *a) Before A Current Monetary Economy | Barter & Trade*

People believe that earlier economies before our current monetary system of capitalism were primitive. In fact these systems did in fact use forms of currency or accounting in some of the earliest economies that date back some 10,000 years with the Mesopotamians. One of the major things we can take away from these earlier economies was the sense of fair exchange or the need to properly account and record value. In our modern economy there is a need to get back to some of these basic principles of collaboration and community share.

*b) A New Accounting System | Intro to Fractional Banking System | Intro to UAC*

Around the early 1900s in America a new form of banking and economies emerged. This was called fractional banking and capitalism. This new banking structure promised high liquidity in order to circulate the capital needed to fuel business innovation. But in fact, this new system of fractional banking had drawbacks. Two main drawbacks are supply and demand volatility which leads to misrepresentation of labor and large social gaps. Another drawback is a fragile economy in general subject to volatility.

*c) Degradation of World Labor | Rise of Corps | Slow Recovery*

As a result of fractional banking and the rise of capitalism and corporations, no longer were assets and labor directly correlated with money supply. In turn this led to powers and private organizations with larger money supplies able to drive down the price of labor ultimately leading to large gaps of surplus. Every area affected by a disaster takes decades to rebuild while the people in the affected area need help NOW.

*d) Ultimately A Fragile Economy | The Need for a Better Structure*

Surplus and fluctuating supply and demand curves often associated with minimal assets to support cause volatile spikes. These volatile prices all lead to what economists refer to as a fragile economy with large economic wage gaps.

### **3. The Rise of 2nd Generation Cryptocurrency**

*a) A New Encrypted Accounting Ledger System*

Cryptocurrency, fueled by blockchain technology, has made it possible for a short interval in history to develop a new revaluation of labor allowing skilled workers the opportunity to correct some of the market inefficiencies due to speculation and irresponsible capitalism. Block chain has ushered in open source verification that places more emphasis on multiple parties verifying transactions to arrive at more consistent accounting.

*b) The Promise of Freedom*

Decentralized cryptocurrency offers the promise of a “seat at the table.” A democratized currency where value is set by the market and trading can be done cross countries free from regulation. Is this a reality or is this just a mirage?

<https://cpnm.org/the-promise-of-cryptocurrency-freedom-democracy-equality.htm>

*c) Opportunity Cost | The Price of Non-Utilization (Great Power, Great Responsibility)*

One thing is certain. With a technology as powerful as blockchain, there are consequences of not taking advantage of this system and laying the opportunity to waste with large corporations and municipalities | governments. By not taking advantage of these opportunities in the short window of time society is foregoing rights to fair trade and democratizing exchange and economic valuation.

#### *d) Gaps in Market, Information & Alternative Cryptocurrencies | Intro to need for a Ukraine Coin*

It seems like the main reason why people are not taking advantage of cryptocurrency is due to failure to understand the significance and lack of credibility due to information gaps. These gaps in data lead to fluctuating prices and low market acceptance. Because of this there has been a rise to the next generation and a need for a more sustainable alternative cryptocurrency. This offers the new, modern approach to fix the old problems, to inject the new capital into an integrated system of rebuilding homes and infrastructure, as well as injecting the money into the already existing businesses.

### **4. Introducing Ukraine Coin™ [UAC] | A Next Generation Solution to an old Problem**

#### **What is Ukraine Coin™ Deep Dive Overview?**

Ukraine Coin is a revolutionary cryptocurrency, consisting of encrypted accounting ledgers utilizing an advanced form of blockchain technology (lockchain technology) with over 9 layers of asset protection of debt contracts ensured by real estate assets and businesses. Simply put, Ukraine Coin is our economically feasible solution to solving some of the most painful issues faced by a war stricken country of Ukraine and it can be implemented in every part of the world. It simply provides the alternative solution to fund the reconstruction of the whole Ukrainian economy by buying the assets, lands, businesses and reoffering them back to their owners at an incredibly affordable interest rate.

#### **Why is Ukraine Coin™ Significant & Important?**

The original promise of debt, fueled by capitalism, was better circulation of wealth and more seamless exchange transactions. This is mainly solved through enhanced liquidity or increased monetary circulation made apparent through debt. With this, individuals and businesses can create surplus and heightened value based on labor, goods, services, and assets.

The problem that we are facing today is that of an illiquid nature. Banks were created to liquidate economies and they have come to a position where they are accumulating community dollars and not redistributing in a viable manner. Credit unions are attempting to solve this problem but the gap is too vast to make a substantial impact.

Ukraine Coin works to solve this problem through recirculation and reacquisition of coins through a continuous process of liquidation of and accumulation based on economic indicators. In other words, a spin of modern banking with a new twist.

The outcome is a well-lubed sustainable system that stabilizes economies and continues to grow at a steady rate overtime with a hedge that ensures against sharp drops in valuation.

#### **4.c.i. Technology Overview & Nuances**

"Because the earth is flat depending on your perspective." - Mac users

We present Ukraine Coin, a generic and self-amending crypto-ledger backed by an insurance guarantee. Ukraine Coin can instantiate any blockchain-based ledger.

The operations of a regular blockchain are implemented as a purely functional module abstracted into a shell responsible for network operations.

Bitcoin, Ethereum, Cryptonote, etc. can all be represented within Ukraine Coin by implementing the proper interface to the network layer.

This allows for any of the existing blockchain solutions to be integrated into Ukraine Coin, and for any new blockchain to be implemented within Ukraine Coin.

The function of implementing a new blockchain within Ukraine Coin is simplified as the developer only needs to implement the interface between their ledger and the underlying network layer.

In its role as an oracle for external ledgers, each implementation of a blockchain is considered immutable, even if it's been altered by someone else.

...

#### ***4cii. How does it work, depends on the protocol.***

For example, for Bitcoin-like implementations, one can unplug the internet connection to this node and it will continue operating based solely on its internal ledger state.

The implementation of Ethereum is a bit more complex as any method that manipulates memory outside of an existing contract would be a consensus violation and would shut down the blockchain within Ukraine Coin.

In the case of a blockchain that allows self-executing code to be run as a trusted third party, e.g. Ethereum, the contract could potentially call its own functions as many times as it wants without bringing down the system.

In addition to generic blockchains, Ukraine Coin may be used as a freely available operating system for FinTech applications and their tokenization.

The design of Ukraine Coin is such that the core components of a DAO don't have networking dependencies, thereby increasing their reliability and security. This makes it possible for them to run on dedicated hardware or even completely "off-grid". If needed they can instantly switch from one blockchain to another with no downtime due to consensus issues or other complications typical for so-called "Internet of Things" solutions.

In terms of inner workings, the global registry with all balances represents an unusual compromise between several competing requirements:

When one talks of real-world rules for blockchain applications, one refers to the concept of "legal non-Turing completeness". There is no need for codified rules within the blockchain itself; it simply registers the transactions that are permitted by the local legal system.

The simplest example is cryptocurrencies. If Alice sends Bob some amount of money, then Bob's address goes up by that amount and Alice's goes down by that amount.

There is nothing more required to satisfy DAO-like properties on top of that, except completely local checks to prevent Alice from signing two conflicting transactions at once.

This simplifies any layer above it as there is no need to enforce "Atomic swaps" for example, so long as your network layer solves the problem without breaking existing contract implementations at some point in the future. Any kind of "race condition" on top of Ukraine Coin would be the result of an incorrect interface between higher layers and network protocols, not a fundamental issue with Ukraine Coin itself.

This approach can be implemented in a fully decentralized way, so nobody has to trust anyone with their money.

The only centralized element is the ledger itself. It's implemented in an abstract way so that it can accept any existing consensus protocol, e.g. Proof of Work, Proof of Stake, Delegated Proof of Stake, etc. There is no need to create "one ledger to rule them all". If you don't like the protocol chosen for your area, then just use one of the others in another area.

The idea behind this abstraction layer is what makes Ukraine Coin like an operating system for blockchains; you can install any software when there is no fundamental reason for it not to work on top of Ukraine Coin.

However, they all inherit the same kind of regulated environment when it comes to state updates; they never break anyone else's rule systems on top of that substrate-level with arbitrary state changes or self-executing code running as a trusted third party without the proper permissions.

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Financial derivatives are the most common application of a "smart contract", and one of the simplest to implement in code. The main challenge in implementing financial contracts is that the majority of them require reference to an external price ticker; for example, a very desirable application is a smart contract that hedges against the volatility of ether (or another

cryptocurrency) with respect to the US dollar, but doing this requires the contract to know what the value of Ukraine Coin/USD is.

The simplest way to do this is through a "data feed" contract maintained by a specific party (eg. NASDAQ) designed so that that party has the ability to update the contract as needed, and provides an interface that allows other contracts to send a message to that contract and get back a response that provides the price.

This is where Ukraine Coin breaks away from most other smart contract systems.

Essentially, Ukraine Coin is an "Internet of smart contracts". Each network-connected node runs its own independent consensus, but they can all share information with each other in a decentralized manner.

So, for example, one could have a smart contract that is backed by US T-Bills. Every ten seconds, the price ticker contract would poll the SEC website for the last trading price of T-Bills and send it to this smart contract via an API call. It could then update its state with this information by increasing or decreasing the number of T-bill tokens on the network by one based on whether their price went up or down by \$0.001 since that last ticker message.

This way, the "T-Bill token" smart contract may be traded freely since it tracks real-world data in real-time, while simultaneously providing some kind of return during times where its price value would otherwise be negative (ie. while real-world interest rates were rising).

Another more complex example is a derivative where Alice deposits \$100 at some point in the past, and after some amount of time (30 days?) she receives 3x more than she initially deposited (eg. \$300). The network must track her deposit separately from this promised money that she eventually receives; if Alice withdraws her deposited money then no promise money should be paid out, but if she dies before then her heirs should receive both her deposit and all prior promise money payments made to her (in addition to all future promises). This implies some kind of modified "Split" function for accounts; deposits are stored separately from promise money payments, and if two different accounts claim ownership for both sets of values at once then all DAO action on those accounts should halt until consensus is reached as to exactly which set of values should be considered valid in each case under local jurisdiction.

In short: how to reconcile a digital identity with a legal identity in circumstances such as these when there is no direct correlation? In addition to implementing this much more complex version of SuperDAO into code, there must also be a set of rules relating to how these contracts can interact with each other in socially responsible ways without being able to exercise arbitrary control over other users' funds in any way outside their own immediate account balances. If not designed properly, certain types of financial arrangements could display socially unacceptable behavior when plugged into a system like this even though said behavior would be illegal according to local law at the time it was executed.

The only thing keeping people from doing potentially exploitative things using Contracts running inside Ukraine Coin's Java environment would be social principles encoded into DAO Operations rules via consensus among users who control enough stake in Ukraine Coin's decentralized system that they can influence future updates or block proposed changes entirely if pushed too far.

This is one primary reason why such a Distributed Autonomous Organization structure was picked; to by-pass certain kinds of problematic incentives and secure a secure environment for financial contracts while also placing ultimate choice of which contracts are deployed in the hands of something subject to real-world social controls...the network owner.

Smart Contract Language: This is another important and potentially contentious point: which language should Ukraine Coin eventually be programmed in?

The lowest-level Ethereum VM can already execute code written in solidity, which is considered the de facto standard for the Ethereum project itself, but there may be substantial reasons why using Ethereum should or should not be done for Ukraine Coin. One such reason might relate to the particular experience offered to users of Ukraine Coin. Calling Solidity a 'low-level' virtual machine language has become a bit of a misnomer in recent years, due to complexities introduced in later versions of Ethereum's mining algorithm and a raise in gas price from 0.00000001 BTC to 0.005 BTC...still laughably low by current standards, but this was a significant enough jump that it became possible to do some things without burning through the transaction fees that were included in each block, by resorting to potentially unsound optimization techniques. In order for Solidity to remain viable as a smart contract language, it may be necessary for there to be a separate virtual machine implementation that is designed with developer usability in mind.. It might be better to build something in C#/Java/Haskell/etc that provides developers with an immediate feedback loop that still has enough robustness built into it when being used from optimistic roles to prevent the complex scenarios described above from becoming an issue. This could add yet another layer of complexity when thinking about how these smart contracts will interact with each other when run inside Ukraine Coin's virtual machine because many of them must abide by checks and balances (C#/Java/Haskell) while others (Solidity) must not.

However, what matters most is whether or not this helps an ecosystem emerge around Ukraine Coin that helps shift its fundamental nature; one that eventually moves away from its initial use case (seeing Who Owes Who What on The Internet) towards a more diverse set of use cases like the one explored here (Financial Contracts on The Internet).



## C. Tokenomics

Name of token: Ukraine Coin

Total supply: 10 Billion tokens

Platform the token is created on: BSC

Symbol of token: UAC

Price: \$1.00

*Token distribution supply Phase 1.*

Presale: 10% (Presale discounted price \$0.3)

Liquid: 10%

Development team: 5%

Founders: 18%

*Allocation for any amount in the 1st year*

Liquid 35%

Development 20%

Marketing and sales 30%

Team and operation 15%

100%

ii. Breakthrough Lock Chain Technology

Coming Soon in White Paper V2.

iii. 6 Sigma Inspired Asset Protection

Coming Soon in White Paper V2.

iv. Built in Liquidity Mechanisms

Coming Soon in White Paper V2

## Roadmap | Race to \$10 Billion

2022 Q2 & Q3

### **ICO Launch**

We will release 1B coins for a limited amount of time

Accepting Ecosystems

Pre-Partnerships with influencers

Best value in coins for a limited time!

2022 Q4

### **Official ICO Launch**

We will release another \$2B in coins

Launch of Subsidiary Ecosystem Projects

Platform Launch

Launch Crypto Loans  
Launch A Rated Backed Bond Projects  
Launch Rewards and Affiliate Program

2022-2023 Q4-Q1

**Launch Second Round ICO**

We will release another \$2B in coins  
Initiate Coin Buy Back

Expansion Strategy | Launch Globally Through Continued Growth of Ecosystems  
Secure Additional Assets | Real Estate, Banking Assets  
Dividend Disbursements Start

M&As

2023 Q3-Q4

**Launch 3rd Round of ICO**

We will release another \$2B in coins

Official Launch Global Exchange & Banking Platform

Expand Reach | Crypto ATMs Locations Within Ukraine

Announce Rewards | Annual Coin-Holder Meeting | Trade Mission

**Conclusion | Ushering the Next Revolution**

*Our Social Responsibility | A Humanitarian Vision*

The Ukraine Coin is backed by the supporting social impact projects with a strong humanitarian mission. In the end it is every person's responsibility to preserve culture and utilize modern technology as a vehicle to reconstruct, support, and sustain local communities.