



NINETY1

WhitePaper (22 February 2023)



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PREFACE

In order to fully understand the concepts behind what LabNinety1 is building, it would be easier to follow the logic with the end game. To do that however, we must begin with a flashback.

Over 18 months ago, Havoc designed a project whereby an IRL problem could serve as a seemingly perfect use case for an AI solution. In fact, the business model has already been proven through a conventional Beta launch, which is when it became apparent the entire concept would be better served using blockchain technology for more robust growth and evolution. Hundreds of hours were put into development, but the project was put on hold due to the rapid change in the global markets.

Havoc continued conceptual development during this period and the DeFi protocol was designed and integrated into the platform such that it could stand on its own merits. The larger vision of the project would then be able to leverage this DeFi component as the engine, among others that saw its value.

Crypto crash. Pause. Again, Havoc developed. The next piece that would be required– the brain was completed for the AI component of the ecosystem, and, like the DeFi piece, it is a stand alone project with genuine utility for a range of uses, including Havoc.

Another crash. Another pause – but this time, it was a little different. Research into the challenges surrounding mass adoption was the next focus – identifying inefficiencies with the current range of options and barriers to entry for the novice were prioritized and solutions assembled.

The decision has been made...it's finally time.

LabNinety1 has been building this since 2021. The WhitePaper you have before you represents the First Phase in a series of projects that will culminate in real world use cases using blockchain to resolve complex challenges.

However, the foundation must be built first. The foundation is Ninety1, Phase One of the ecosystem.

-@Havoc_8_8, February 2023



I. INTRODUCTION TO NINETY1

Ninety1 is a tokenized NFT project designed to accomplish the following:

1. Serve as a decentralized and ownerless base layer for LabNinety1 project development and protocols through the introduction of the token \$FLD "FOLD."
2. Deliver opportunities for participation at the most basic level.
3. Provide entertaining and educational components purposed to increase usership of blockchain concepts such that the crossover into real world applications becomes simpler and more commonplace.

The Experiment begins through the release of NFTs with immediate utility, which is to introduce \$FLD into circulation, upon which all components of LabNinety1 will be built.

It should be noted that because \$FLD is ownerless and decentralized, any user may build using \$FLD as their foundation if they so choose.

In other words, \$FLD is a community token for use by anyone who finds value in it.

II. THE PROBLEM(S)

LabNinety1 has identified several problems within this asset class that serve as barriers to entry and have stalled mass adoption and ease of engagement as a result. Therefore, this has limited the introduction and application of practical blockchain technology use cases.

The Problems LabNinety1 have identified and elected to address with this Experiment are as follows:

1. BitCoin's capability is limited.
 2. Coins and tokens with smart contract capabilities are not ownerless (or otherwise flawed) making them subject to human intervention and manipulation.
 3. Decentralized Finance ("DeFi"), still in its infancy, and has yet to realize its vision of true decentralization.
 4. Token mining is not a process widely understood by even the most savvy of cryptocurrency enthusiasts, let alone those yet to enter the asset class.
 5. Non-Fungible Tokens ("NFTs") with genuine, inherent utility have yet to be successfully launched in a decentralized manner.
 6. The majority of the world's population has yet to enter this asset class, largely due to its complicated nature.
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III. SUMMARY OF SOLUTIONS

The primary goals for the Ninety1 Experiment are to provide solutions to the Problems listed above, and are summarized below:

1. Introduce a fully decentralized token (\$FLD “FOLD”) into circulation that is ownerless and taxless, with an initial circulating supply of Zero, combined with a predetermined Emission Schedule. The contract has no ownership wallet(s), no marketing wallet(s), no VC unlocks, and no liquidity pairs built by the Project Team. Upon launch, \$FLD has no monetary value, and none shall be established by the Project Team.
2. Ninety1 includes a series of two NFTs that function as “Miners” of \$FLD. This technology is all built within the smart contract, so participants need not own, lease or otherwise engage a mining “rig” in order to receive \$FLD. Notably, the mining of \$FLD is a Zero emissions carbon neutral series of events, as the entire process is built within the smart contract, thus eliminating the need for computing power and validators for consensus.
3. The Experiment provides for interaction through a series of gamified principles designed to generate a level of interest through individual participation in a manner that is easy to grasp for even the least knowledgeable user.

IV. NINETY1 CONCEPTS

Ninety1 begins with combinatorics based on a standard deck of 52 playing cards. They are universally and globally recognized, and the combinations available made it the perfect choice to build upon mechanically. Visual interest in design makes for a wide range of marketing options. The User experience was also a consideration, as there are some gamified mechanics requiring participation, and working with something familiar was of utmost importance.

Ninety1 begins with a public mint of the first NFT in the Project, “Twenty6Fifty2.”

A. Minting Twenty6Fifty2

Each NFT is a starting 2-card poker hand. Those that have played before may be aware that there are in fact, only 1,326 unique 2-card poker hands. However, when one considers sequence, there are twice as many, or 2,652.

Example. If you were dealt the Ace of Spades followed by the Jack of Hearts, you’d have AJ correct? But...if you were dealt the Jack of Hearts followed by the Ace of Spades, you’d have JA. Although these hands have identical value in a card room, order and sequence are factored for the Twenty6Fifty2 NFT, thus generating 2,652 unique outcomes.



Card	Spades													Hearts													Diamonds													Clubs																				
	A	K	Q	J	10	9	8	7	6	5	4	3	2	A	K	Q	J	10	9	8	7	6	5	4	3	2	A	K	Q	J	10	9	8	7	6	5	4	3	2	A	K	Q	J	10	9	8	7	6	5	4	3	2								
Rank	10	8	7	6	5	4	5	4	3	5	3	2	1	5	11	10	8	7	6	5	4	5	4	3	5	3	2	1	5	11	10	8	7	6	5	4	5	4	3	5	3	2	1	5	11	10	8	7	6	5	4	5	4	3	5	3	2	1	5	11
A 30	18	17	16	15	14	14	13	13	12	12	11	11	11	20	18	17	16	15	14	14	13	13	12	12	11	11	11	20	18	17	16	15	14	14	13	13	12	12	11	11	11	20	18	17	16	15	14	14	13	13	12	12	11	11	11					
K 8	15	14	13	13	12	12	11	11	10	10	9	9	9	18	16	15	14	13	12	12	11	11	10	10	9	9	9	18	16	15	14	13	12	12	11	11	10	10	9	9	9	18	16	15	14	13	12	12	11	11	10	10	9	9	9					
Q 7	17	15	14	13	12	11	11	10	10	9	9	8	8	17	15	14	13	12	11	11	10	10	9	9	8	8	17	15	14	13	12	11	11	10	10	9	9	8	8	17	15	14	13	12	11	11	10	10	9	9	8	8								
J 6	16	14	13	12	11	10	10	9	9	8	8	7	7	16	14	13	12	11	10	10	9	9	8	8	7	7	16	14	13	12	11	10	10	9	9	8	8	7	7	16	14	13	12	11	10	10	9	9	8	8	7	7								
10 5	15	13	12	11	10	9	8	8	7	7	6	6	6	15	13	12	11	10	9	8	8	7	7	6	6	6	15	13	12	11	10	9	8	8	7	7	6	6	6	15	13	12	11	10	9	8	8	7	7	6	6	6								
9 4.5	14.5	12.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	14.5	12.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	14.5	12.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	14.5	12.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5								
8 4	14	12	11	10	9	8.5	7.5	7	6.5	6	5.5	5	5	14	12	11	10	9	8.5	7.5	7	6.5	6	5.5	5	5	14	12	11	10	9	8.5	7.5	7	6.5	6	5.5	5	5	14	12	11	10	9	8.5	7.5	7	6.5	6	5.5	5	5								
7 3.5	13.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	4.5	13.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	4.5	13.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	4.5	13.5	11.5	10.5	9.5	8.5	8	7.5	7	6.5	6	5.5	5	4.5								
6 3	13	11	10	9	8	7.5	7	6.5	6	5.5	5	4.5	4	13	11	10	9	8	7.5	7	6.5	6	5.5	5	4.5	4	13	11	10	9	8	7.5	7	6.5	6	5.5	5	4.5	4	13	11	10	9	8	7.5	7	6.5	6	5.5	5	4.5	4								
5 2.5	12.5	10.5	9.5	8.5	7.5	7	6.5	6	5.5	5	4.5	4	3.5	12.5	10.5	9.5	8.5	7.5	7	6.5	6	5.5	5	4.5	4	3.5	12.5	10.5	9.5	8.5	7.5	7	6.5	6	5.5	5	4.5	4	3.5	12.5	10.5	9.5	8.5	7.5	7	6.5	6	5.5	5	4.5	4	3.5								
4 2	12	10	9	8	7	6.5	6	5.5	5	4.5	4	3.5	3	12	10	9	8	7	6.5	6	5.5	5	4.5	4	3.5	3	12	10	9	8	7	6.5	6	5.5	5	4.5	4	3.5	3	12	10	9	8	7	6.5	6	5.5	5	4.5	4	3.5	3								
3 1.5	11.5	9.5	8.5	7.5	6.5	6	5.5	5	4.5	4	3.5	2.5	2	11.5	9.5	8.5	7.5	6.5	6	5.5	5	4.5	4	3.5	2.5	2	11.5	9.5	8.5	7.5	6.5	6	5.5	5	4.5	4	3.5	2.5	2	11.5	9.5	8.5	7.5	6.5	6	5.5	5	4.5	4	3.5	2.5	2								
2 1	11	9	8	7	6	5.5	5	4.5	4	3.5	2.5	2	1	11	9	8	7	6	5.5	5	4.5	4	3.5	2.5	2	1	11	9	8	7	6	5.5	5	4.5	4	3.5	2.5	2	1	11	9	8	7	6	5.5	5	4.5	4	3.5	2.5	2	1								

Each unique NFT offers immediate utility by yielding emissions in \$FLD simply by holding, a mechanism built into the smart contract.

Additionally, each NFT has unlockable content, including, but not limited to, 91,000 \$FLD.

There is no pre-mint or pre-sale. The Ninety1 Project is a Public Mint of Twenty6Fifty2 NFTs, established at 8.33 \$AVAX.



B. NFTs in Lieu of Mining

The purpose, future value, utility, and overall future of \$FLD is unknown. That is up to those that choose to participate in this Experiment. Could it be a future store of value that undergoes a period of adoption? Perhaps. Could it become a widely used currency for transacting in Web3? Who knows. But the only way to get \$FLD is to hold Twenty6Fifty2 NFTs.

Mining is expensive. It takes knowledge, energy, and equipment, And never mind the time to ensure validators and miners are performing competitively within the framework.

This experiment is an attempt to establish similar results, but all one needs to know is how to mint an NFT, for which they will be earning \$FLD. In fact, it is the only way to acquire it...at least in the beginning.

There are some built-in gamification pieces to generate a level of interest for the Holders. Maximizing one's position requires a few decisions along the way with this experiment. This is all built within the contract.

C. NFT Rank

The mint is random, and as we stated above, there are 2,652 unique 1/1 NFTs.

However, the NFTs have Rank, meaning that some have more potential than others, not unlike a poker game.

Example. Getting dealt Aces gives one a far better chance than being dealt 7-2 offsuit.

Twenty6Fifty2 has developed a ranking system whereby each NFT is classified in one of four Tiers: Premium, Playable, Neutral, and Trash.

Using a grading formula, the breakdown is as follows:

Tier	Total Twenty6Fifty2 NFTs	% by Tier
Premium	120	4.52%
Playable	792	29.86%
Neutral	1,308	49.32%
Trash	432	16.29%
Total	2,652	100%

The differences between the Tiers are the Emission Multipliers.



D. Emission Multipliers

The amount of \$FLD earned by holding a Twenty6Fifty2 NFT depends on Rank. Multipliers below:

Hand Value	Multiplier	Yield Factor	Net % Emission Yield
Premium	10	0.4524886878	11.64%
Playable	6	1.791855204	46.10%
Neutral	3	1.479638009	38.07%
Trash	1	0.1628959276	4.19%
			100.00%

So. If one owns a Premium NFT, they will generate 10X the Yield of a Trash NFT.

Colloquially, we would describe this scenario the following way:

Sucks if you minted the bottom 16%...or does it?

Do what you'd do with any shitty hand. FOLD. Meaning...just burn it.



E. Ninety1 NFTs

Recall that each Twenty6Fifty2 NFT has 91,000 \$FLD locked within it. So long as it is maintained, those tokens are locked up and emissions are coming the way of the holder automatically.

Hold, earn \$FLD.

However, if one chooses to burn their Twenty6Fifty2 NFT, they will unlock and receive (91) “Ninety1” NFTs.

Disregarding suit or sequence, there are 91 possible 2-card combinations, including pairs. The Holder will receive one of each of these.

		Ninety1 NFT Hand Values												
		A	K	Q	J	10	9	8	7	6	5	4	3	2
		10	8	7	6	5	4.5	4	3.5	3	2.5	2	1.5	1
A	10	20												
K	8	18	16											
Q	7	17	15	14										
J	6	16	14	13	12									
10	5	15	13	12	11	10								
9	4.5	14.5	12.5	11.5	10.5	9.5	9							
8	4	14	12	11	10	9	8.5	8						
7	3.5	13.5	11.5	10.5	9.5	8.5	8	7.5	7					
6	3	13	11	10	9	8	7.5	7	6.5	6				
5	2.5	12.5	10.5	9.5	8.5	7.5	7	6.5	6	5.5	5			
4	2	12	10	9	8	7	6.5	6	5.5	5	4.5	4		
3	1.5	11.5	9.5	8.5	7.5	6.5	6	5.5	5	4.5	4	3.5	3	
2	1	11	9	8	7	6	5.5	5	4.5	4	3.5	3	2.5	2

Each Ninety1 NFT contains 1,000 \$FLD tokens locked within it. *(The 91,000 \$FLD from the Genesis Twenty6Fifty2 NFT– the Holder lost no tokens from the burn)*

Like the originals, the Ninety1 series is ranked as well, and uses the same Emissions Multiplier as the Twenty6Fifty2.

By burning for Ninety1, the Holder receives the entire array of ranks at a strength of 1/91 of the Twenty6Fifty2, with Premiums, Playables, Neutrals, and Trash receiving \$FLD through Emissions.

The additional layer of opportunity lies within the unlockable content of the Ninety1 NFT, which is 1,000 \$FLD that can be received by the Holder via burning.

This may be opportune for some Holders, in that they wish to hold the higher ranks that earn more \$FLD, whereby the lower ranks might be better served by unlocking \$FLD and using it elsewhere.



F. Staking \$FLD

All NFTs are auto-staked, Wallets holding either NFT (or both) are earning \$FLD.

To own an NFT, one must Mint or buy on secondary once sold out.

Any \$FLD in a Holder's wallet either earned by claiming Emissions or a Ninety1 burn is auto-staked and earning proportionate Emissions of \$FLD.

Single sided staking of \$FLD comes with an Emissions Multiplier of "1."

Through the Claim function, Holders can receive their proportionate share of emitted \$FLD, and once in their wallet, it will begin to earn as well with the same Emission Multiplier of "1."

G. Liquidity Pair Staking Multipliers

LP Staking (e.g. \$FLD/\$AVAX LP) can be done by adding liquidity to a pool, and carries with it an Emissions Multiplier of "10," the same as the Premium NFTs. The Holders of LP tokens earn \$FLD according to the Emissions Schedule.

As previously mentioned, any Liquidity Pairs that may be created as part of this Experiment must be done by members of the Community. Having said that, there has been interest from some members of the Community that wish to consider pairing particular tokens.

Those tokens include:

\$AVAX

\$USDC

\$SANI

\$ANARCHY

\$CULT

For these pairs to earn \$FLD through Emissions, the token contract cannot be renounced until such time that all considered pairs are actually created. Once the LP token address is known, it can be added to the tracking, such that Emissions are allotted accordingly.

Once all interested parties create their desired LP, this opportunity will close PERMANENTLY, as the token contract will be locked forever through renounced ownership subsequent to adding such tracking and allotment capabilities to the \$FLD contract.

Other than providing the Emissions Multiplier to the LPs, LabNinety1 has no involvement in the Liquidity Pairs or Liquidity Pools. Furthermore, LabNinety1 does not own or hold any Liquidity in the Pairs or Pools.



H. Emissions Schedule

“10,000 Days”

Well...almost. 9,625 to be exact.

\$FLD will take more than 26 years to be fully circulating. The emissions follow a Fibonacci progression (or regression). In other words, the first Epoch emits the same as the last, but the time for each Epoch increases according to the Fibonacci sequence.

This is somewhat similar to halvings, thus mirroring the concepts of mining difficulty without actually mining anything. It's built into the contract.

Emissions Schedule

Epoch	Hours	Days	Months	Years	Emissions/Epoch	Emissions/Day
1	1000	41.67	1.37	0.11	241,066,800.00	5,785,603.20
2	2000	83.33	2.74	0.23	241,066,800.00	2,892,801.60
3	3000	125.00	4.11	0.34	241,066,800.00	1,928,534.40
4	5000	208.33	6.85	0.57	241,066,800.00	1,157,120.64
5	8000	333.33	10.96	0.91	241,066,800.00	723,200.40
6	13000	541.67	17.81	1.48	241,066,800.00	445,046.40
7	21000	875.00	28.77	2.40	241,066,800.00	275,504.91
8	34000	1,416.67	46.58	3.88	241,066,800.00	170,164.80
9	55000	2,291.67	75.34	6.28	241,066,800.00	105,192.79
10	89000	3,708.33	121.92	10.16	241,066,800.00	65,006.78
Total	231,000.00	9,625.00	316.44	26.37	2,410,668,000.00	

241,332,000 \$FLD are locked within the NFTs, thus total supply of 2,652,000,000 \$FLD.



V. \$FLD (“FOLD”) TOKENOMICS

Token Contract built on Avalanche

\$FLD Token Address: **Ox00**

Total Supply–2,652,000,000 \$FLD

Initial Circulating Supply– 0 \$FLD

\$FLD locked in each Twenty6Fifty2 NFT– 91,000 \$FLD

\$FLD locked within each Ninety1 NFT– 1,000 \$FLD

No VC, Ownership Wallet, or Marketing Wallet.

LPs for \$FLD not provided by LabNinety1. (*See “Liquidity Pair Staking Multipliers” for Details*)

Renounced Ownership

Zero Tax



VI. NFT DETAILS AND STATISTICS

Twenty6Fifty2

Number of Unique 1/1's:	2,652	
Public Mint Price:	8.33 \$AVAX	
NFTs per Staking Tier (w Emission Multiplier):		
Premium	120	(10x)
Playable	792	(6x)
Neutral	1,308	(3x)
Trash	432	(1x)

Ninety1

Ninety1 NFTs per Twenty6Fifty2 Burn:	91	
Total Potential Unlockable Ninety1 NFTs	241,332	
Rarity for each Ninety1 NFT:	1/2652	
NFTs per Staking Tier (w Emission Multiplier):		
<i>(per Twenty6Fifty2 Burn)</i>		
Premium	5	(10x)
Playable	26	(6x)
Neutral	44	(3x)
Trash	16	(1x)
<i>(per Potentially Unlockable Ninety1 NFTs)</i>		
Premium	13,260	(10x)
Playable	68,592	(6x)
Neutral	116,688	(3x)
Trash	42,432	(1x)

Each Ninety1 NFT has unlockable content consisting of 1,000 \$FLD. Therefore, each Twenty6Fifty2 contains 91,000 \$FLD unlockable through a series of burns.



CLOSING REMARKS

It should be clear that Ninety1 has solved several problems that exist and resolved them in the following manner:

- 1. Ninety1, through this process, has launched an option for everyone to use. It is ownerless. For those requiring a reliable non-native token for their project, \$FLD becomes a viable option without strings...or taxes. Combined with a responsible emissions schedule and initial circulating supply of Zero, stability in lieu of volatility is expected.*
- 2. Ninety1 has provided mining opportunities in a carbon neutral manner that allow for even the least knowledgeable to engage and participate, all without committing expensive mining equipment or compute power. This was all done using NFTs.*
- 3. The groundwork has been laid for those interested to use \$FLD as a yield mechanism provided third parties see value in adding Liquidity Pairs, but the fact that LabNinety1 merely made them possible, but does not control them, brings us a step closer to a truer form of DeFi.*

Now what?

Well...that is up to you, the Holder, the User.

Some may elect to develop a project whereby \$FLD is locked up to obtain access to their project, thus adding scarcity.

One might launch an NFT project using \$FLD as a form of payment.

An opportunity might present itself to wrap \$FLD and move it cross chain.

A gamer might want to develop a P2E project whereby \$FLD is the governance token for their ecosystem.

Because \$FLD is ownerless, it is trustless, versatile, and potentially valuable. The limited supply makes it scarce, and the emissions schedule offers ample opportunity for anyone to participate in the experiment over the course of a generation.

It truly is a community token. Once the Twenty6Fifty2 mint is complete, development is 100%, and the future of \$FLD is on chain forever.

No devs. No team. No management.

That means no rugs, no VC liquidity drain, no insider manipulation, and no bullshit.

In other words, we will launch it. Then...you figure out what the hell you want to do with it.

Having said that, we have a few ideas about what might be possible...after all, that's why we built it in the first place.

-@Havoc_8_8, February 2023

