



*Indexing and Analyzing Benchmark*

Transforming Crypto Data into a Mine of Valuable Insights

**NCI 30   NCI 100   NCI 500**

**VoliDEX Volatility Indices**

NCIgo Benchmark App



**WHITEPAPER**

Version 2.12 August 2019



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## Our Mission

To make cryptocurrencies more accessible for everyone and enable them to establish revenue streams in this growing market.

## Introduction

Ever since the dawn of cryptocurrencies, various blockchain based ventures have tried to capture their share of the market by bringing in new ideas. It is very important to notice that just creating one token after another on the same business model, won't benefit the crypto community at all. The blockchain technology has been around us for multiple decades, but a significant amount of research and innovation started after the launch of Bitcoin. In order to foster the market and bring new investors, it is very important to change the business models and introduce new ideas while reducing the investment risks for our user base.

## What is a Cryptocurrency Index?

Essentially, it happens to be a portfolio of digital assets, designed to track and monitor the performance of the entire cryptocurrency market.

## What Makes a Good Cryptocurrency Index?

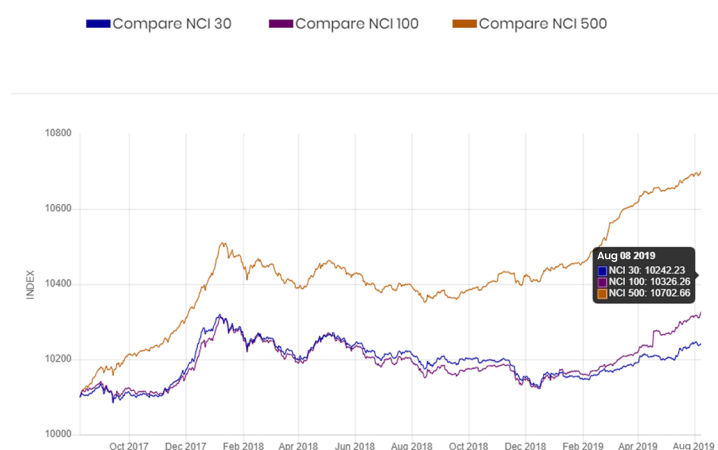
There are several factors to weigh in while answering such questions, but in our informed opinion, the best crypto index should have the following features:

1. Track the entire market cap very closely, without leaving any token
2. Offer enough liquidity so that investors can redeem the value of the underlying assets at a fair market price quickly
3. Be accessible to everyone

The primary question that investors ask, however, remains the same as with any other traditional asset class – “how can I profit the most from developments in this market?” Well, when investors ask that, then in more technical terms, they basically want to know about hedge position, risk reduction, and some critical investment strategies.

The choice of the right investment strategy differs from one individual to another and depends on their specific goal. A portfolio destined for a down-payment on a house is most likely going to look different from one that is supposed to finance a private pension one day.

A reasonable strategy for private investors looking for consistent long-term gains is so-called ‘indexing’, which refers to the allocation of assets in a portfolio so that the portfolio’s performance matches that of an index.



## How Do We Compute the Indices?

With the help of its indices and extensive features, NCI has become the standard for measuring the cryptocurrency market and associated blockchain industry sector in the best possible way.

On one hand, the development of NCI 30, NCI 100 and NCI 500 is crucial for increasing market capitalization and on the second, the sustainability of the crypto market also depends on such unique solutions.

Our calculation formula makes an array of cryptocurrencies directly comparable and also exhibits the development of various indices and their respective tokens contained therein. However, the dominance of Bitcoin, which is mainly ordered by market caps, is negligible and not particularly weighted.

The calculation factors vary rapidly and every week, several new tokens and users join the crypto industry. Moreover, changes in mining difficulty and smart contract also cause variations in parameters that are to be considered. In order to maintain a balance, we constantly make the required changes at our end to ensure that our clients enjoy the best user experience in terms of trading, efficiency, security, and feasibility.

However, the calculation of indices (containing crypto tokens), which provide an overview of the rapidly evolving market, cannot be performed solely on the basis of market capitalization, although it reflects the acceptance of a single cryptocurrency in the market. It is not suitable to abandon or share the constantly changing market conditions, because the prices of individual cryptocurrencies are often disproportionate to the number of circulating coins.

Every index is calculated after 5 minutes and all values refer to the closing point of the previous day at 00:00 UTC.

Special events are also taken into account. For instance, when the current price for a cryptocurrency ,that is in our NetCurrencyIndex, is not available in the market, we display the next token with highest market capitalization and take this into account in our data calculation.

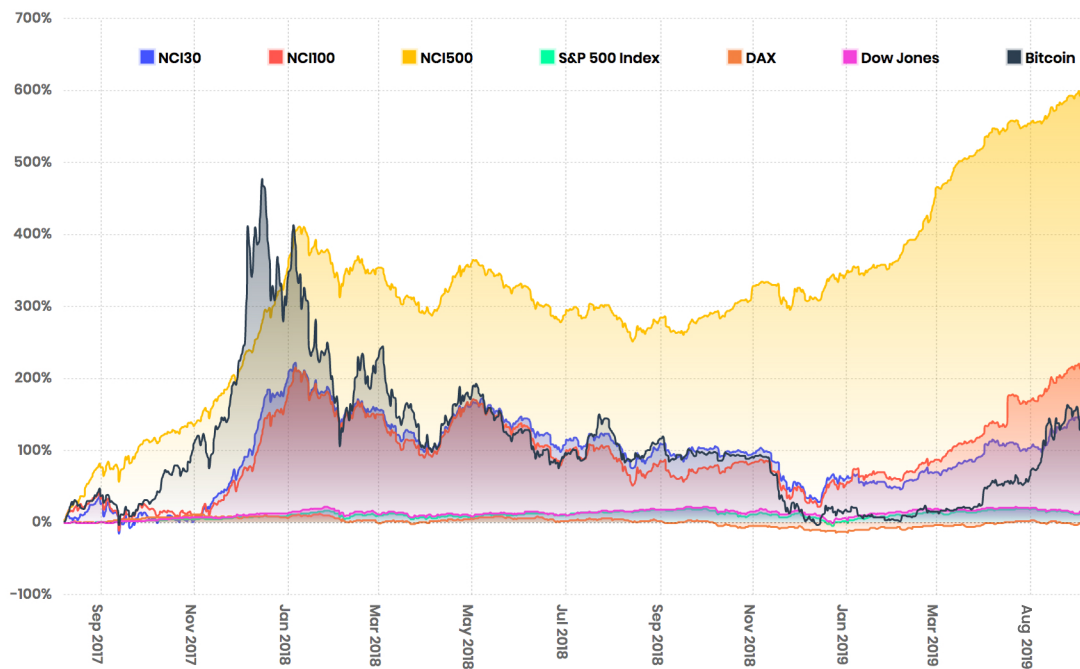
The use of seemingly interesting mathematical formulas for the calculation of cryptocurrency indices does not help us here, let it be the applied calculation basis of Russel, Lafayette, Dow Jones, S&P 500, DAX, IBEX 30, China 100, Japan 100 or others. The NCI 30, NCI 100, NCI 500 and all other future indices are calculated only on the basis of average price change (in %) of the individual cryptocurrencies. Hence, only authentic prices are reflected.

## NetCurrency Index at a Glance

In June 2019, estimates showed that BTC surged by about 80% of its value in the previous year. However, the same research also made it quite clear that the value of NetcurrencyIndex NCI 500 boosted by at least 600% and the primary reason is that we have added plenty of well-performing cryptocurrencies into our 'buckets' and the value of our native token depends on the overall performance of these currencies.

Therefore, it provides a great deal of stability, which is otherwise quite difficult to find in the crypto niche, as of yet.

### NCI Indices Hit the Market all time





# VoliDEX Volatility Indices for 500 Cryptocurrencies

We have developed this tool with robust algorithms and AI to give you the best possible predictions regarding the volatility of 500 tokens listed on our platform.

## What is Volatility?

It measures the frequency and magnitude of price movements, both up and down, that a financial instrument experiences over a certain period of time. The more the fluctuation, the higher the level of volatility.

It can be measured using a history of actual price changes (realized volatility) or through the expected future volatility that is implied by option prices, where we use the later mentioned.

## Why is Volatility Important?

In other words, volatility also explains how risky an asset is to hold on any given day. The more volatile an asset, the more people will want to limit their exposure to it, either by avoiding holding or hedging.

## What Definition of Volatility Do We Use?

We use the standard deviation of daily returns for the preceding 30 and 60-day windows. These are based on historical volatility. When the price of BTC matures, it will be possible to calculate Bitcoin's implied volatility, which is, in many ways, a better measure.

### Bitcoin

NCI-BTC VoliDex 1099.99 -0.01  
+0.05 (1h) -19.71 (24h) -11.24 (48h)

Forecast  Sell

### Litecoin

NCI-LTC VoliDex 1099.86 -0.14  
+0.47 (1h) +3.53 (24h) +39.30 (48h)

Forecast  Sell

### Ethereum

NCI-ETH VoliDex 1099.98 -0.02  
+0.16 (1h) -20.71 (24h) -8.35 (48h)

Forecast  Sell


### BitcoinCash

NCI-BCH VoliDex 1100.28 +0.28  
-0.03 (1h) -21.30 (24h) -34.43 (48h)

Forecast  Buy


### XRP

NCI-XRP VoliDex 1099.96 -0.04  
-1.11 (1h) -44.74 (24h) +1.28 (48h)

Forecast  Sell

### EOS

NCI-EOS VoliDex 1099.93 -0.07  
+0.03 (1h) -12.74 (24h) -4.71 (48h)

Forecast  Buy

### What is Arbitrage?

From an academic point of view, an arbitrage is a transaction that involves no negative cash flow at any probability.

Moreover, it was also defined by a French merchant, Mathieu de la Porte, as a consideration of different exchange rates to recognize the most profitable places of issuance and settlement for a bill of exchange.

Nowadays, arbitrage is a strategy in economics and financial markets that enables traders and institutions to take advantage of price differences between different markets. These differences occur due to inefficiencies, which lead to price variations of currencies. Consequently, these spreads can be exploited for profit generation.

As the crypto market is still very young and immature, it offers plenty of possibilities to avail profit from price differences in a very short time. Based on our backlog tests, the average profit is around 0.85%, depending on the liquidity. However, in order to achieve stable and positive results, it requires the following implementations:

- > High liquidity on several exchanges (the more exchanges covered, the better)
- > Specialized software with certain algorithms is needed to monitor the markets in order to spot the most profitable trades
- > Specific global infrastructure to perform the trades at an appropriate time (server locations, minimization of latency, etc.)

## Detected Arbitrage Tradings by Netcurrencyindex ATDSsystem

#	Assets / Exchanges	Spread	Start price	End price	Detected by ATD System	ATD-ID
1	XMR/USDT OKEx / IDCM (buy) (sell)	0.31 %	70.3103000000	70.5300000000	07:42 UTC	A6030074843
2	XRP/USD Liquid / Exmo (buy) (sell)	4.07 %	0.4380500000	0.4566460000	07:42 UTC	A8979266231
3	ETC/ETH Gate.io / Binance (buy) (sell)	0.93 %	0.0421080000	0.0425040000	07:42 UTC	A1538970308
4	XMR/BTC Exrates / Binance (buy) (sell)	2.48 %	0.0148901000	0.0152680000	07:42 UTC	A4176870405
5	EOS/BTC CoinTiger / Coinbe (buy) (sell)	0.93 %	0.0008299200	0.0008377000	07:42 UTC	A6087528425
6	ETC/BTC Liquid / Gate.io (buy) (sell)	1.11 %	0.0012470100	0.0012610000	07:42 UTC	A9848334844
7	BTC/USD Simex / Neraex (buy) (sell)	4.42 %	4.519.3200000000	4.728.1800000000	07:42 UTC	A5481110073
8	ZEC/BTC DragonEX / BCEX (buy) (sell)	0.70 %	0.0184277000	0.0185575000	07:42 UTC	A9470817946
9	ETC/USDT Gate.io / OKEx (buy) (sell)	0.47 %	5.7900000000	5.8172000000	07:42 UTC	A3204498179
10	BCH/USDT FCoin / Huobi (buy) (sell)	0.76 %	232.6400000000	234.4200000000	07:42 UTC	A4381697950
11	ZRX/BTC Hotbit / HitBTC (buy) (sell)	1.29 %	0.0000967400	0.0000980000	07:42 UTC	A6132250383
12	ETH/USD Coinsuper / RightBTC (buy) (sell)	4.31 %	133.4600000000	139.4700000000	07:42 UTC	A1372152491
13	ZRX/BTC Gate.io / Livecoin (buy) (sell)	0.59 %	0.0000969300	0.0000975100	07:42 UTC	A6673545531
14	EOS/USDT Kucoin / HitBTC (buy) (sell)	0.70 %	3.8333300000	3.8605000000	07:42 UTC	A5036239482
15	EOS/USDT CoinEgg / BCEX (buy) (sell)	4.44 %	3.7782000000	3.9538000000	07:42 UTC	A1864815426

## Reasons to Pursue NetCurrencyIndex

Over the last few years, people have been quite eager to use digital currencies and from the time when Bitcoin was rolled out, a great deal of attention has been captured by cryptocurrencies. Well, conceptually, both are the same but of course, as the name suggests, cryptocurrencies are based on the notion of providing utmost financial security instead of just “another way” of virtual money transfer.



## NCIgo app

Setting new standards again



## A Powerful App to Connect It All

We have organized all of the features and solutions under one app so that the members can use them without any hassle.



### NCIbot AI Automated Trade

Using both proprietary AI and IBM Watson, NCIbot seeks to find the best investment opportunities through the power of Artificial Intelligence



### PAMM and Copy Trading

At NetCurrencyIndex, everyone has the liberty to be an independent portfolio manager, while creating and managing your very own strategies. Please note that we offer more than 500 tokens so you have a very decent choice.



### Futures Exchange

You have the liberty to leverage about 100 different tokens with us, hence reducing the overall risk.



### Forecast & Trend Pro

Unlike most of the competitors, we offer multiple pairs so you never have to worry about trading your tokens with another at a reasonable price.



### Forecast & Trend Pro

Earn with the help of our AI-based Forecast for 500 cryptocurrencies and use our trend analysis tool for maximizing your probability of success.



### Connect all your wallets

We have a one-stop solution for all crypto enthusiast and in order to take the feasibility to a whole new level, NetCurrencyIndex allows you to connect all wallet and manage from a single dashboard.



### Multi-purpose Wallet



### Asset wealth management

We do not only provide you with relevant and sophisticated tools for asset wealth management, but our managers also give their heart and soul to give you the best advice in the industry.

Using blockchain technology to create the best powerful tool ever

# PAMM and Copy Trading



## Anyone Can Be a Portfolio Manager

Well, you must be thinking that only certain people with distinguished credentials enjoy the liberty to become portfolio managers here, but that's not quite true. We have modified the traditional approach and now at NetCurrencyIndex, everyone can become a portfolio manager. You can follow the trading practices of top investors or propose your own strategy and be followed by hundreds of investors with the help of social trading.

Potential investors can see all trading ideas, real-market data, indices and history of trades in real-time without registering.

Investors can profit from the experience of successful traders who publish their trading strategies on the social trading platform, which happens to be a part of our NCIgo app, and build up a track record for themselves.

Moreover, traders can display their talent and progress by publishing their strategies on NCIgo and build up a track record for themselves.

Please note that traders and investors on NCIgo have the same target – “I will only earn money if my portfolio strategy brings profits for my following investors”.

## How Top Traders are rewarded

We reward all of the traders above a certain threshold. However, you have the liberty to choose one of our compensation models:

### > **Volume-based remuneration:**

The top trader receives a percentage of revenue generated by all of his followers. This remuneration model is suitable for traders who follow a short-term strategy

### > **Performance-based remuneration:**

The top trader receives a proportion of the performance fee based on his followers' performance.

The top trader also receives an additional percentage proportion of the management fee (1% per year).

## NCIBot



NCIbot, with the combination of Watson Artificial Intelligence (AI), will be a cognitive computing platform capable of answering natural language questions by connecting large amounts of data, both structured (e.g., spreadsheets) and unstructured (e.g., news articles), and learning from each analysis to produce a more accurate answer. Watson represents a new era in IT, called cognitive computing, where systems understand the world the way humans do: through senses, learning, and experience.

### Pros

- Intelligent Deep Financial Analysis & AI Enhanced Investment Research
- Proprietary AI & Machine Learning Investment Execution Applications
- Premium Investment Technology Accessible to Large and Small Investors

## Futures Exchange



The NCIgo Futures Exchange is a trading platform where traders can buy and sell futures contracts on various cryptocurrencies, commodities and financial instruments. Traders win and lose NCI tokens. Traders must have a balance of NCI to place traders which creates demand for NCI. NCIgo is at the cutting edge of blockchain technology and is developing a hybrid exchange that combines the best parts of centralized and decentralized system. Traders enjoy the speed and reliability of real time trading on a centralized order matching engine, but at the same time they Account balances are the kept in an independent smart contract and the exchange NCIgo is unable to with hold, mismanage, steal or lose your funds because we physically do not have your private keys. This also makes less attractive to hackers because there are no client funds to steal.

## Accessibility

This is one of the primary areas where digital currencies enjoy a distinguishable victory over conventional banking. Not only is this solution free from any minimum cost, but you also do not have to pay anything to maintain your savings in our wallet. Therefore, our native coin is providing masses with an opportunity to get beyond the poverty line and raise their standard of living.

### Social Trading PAMM and Copy Trading Anybody can be a portfolio manager get rewarded and earn

NCIbot AI Automated trade →

Trade all coins →

Asset wealth management →

Payment System →

Access funds without →  
red tape



← Futures Exchange

Leverage some time different  
products x 100

← Forecast & Trend Pro

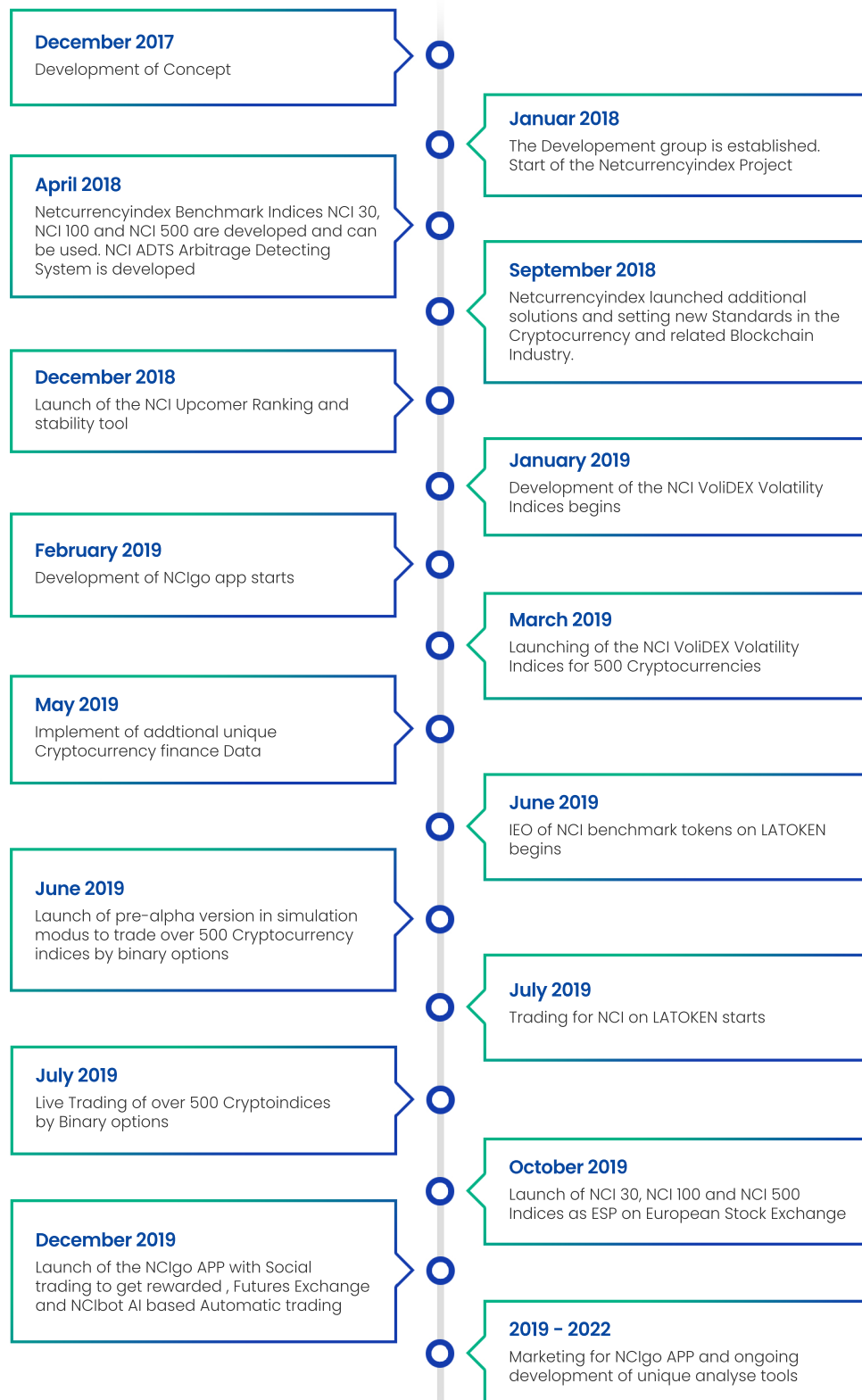
Earn by our AI based Forecast for  
500 Cryptocurrencies and use  
ourTrend Tool in Pro version for your  
success

← Connect all your wallets

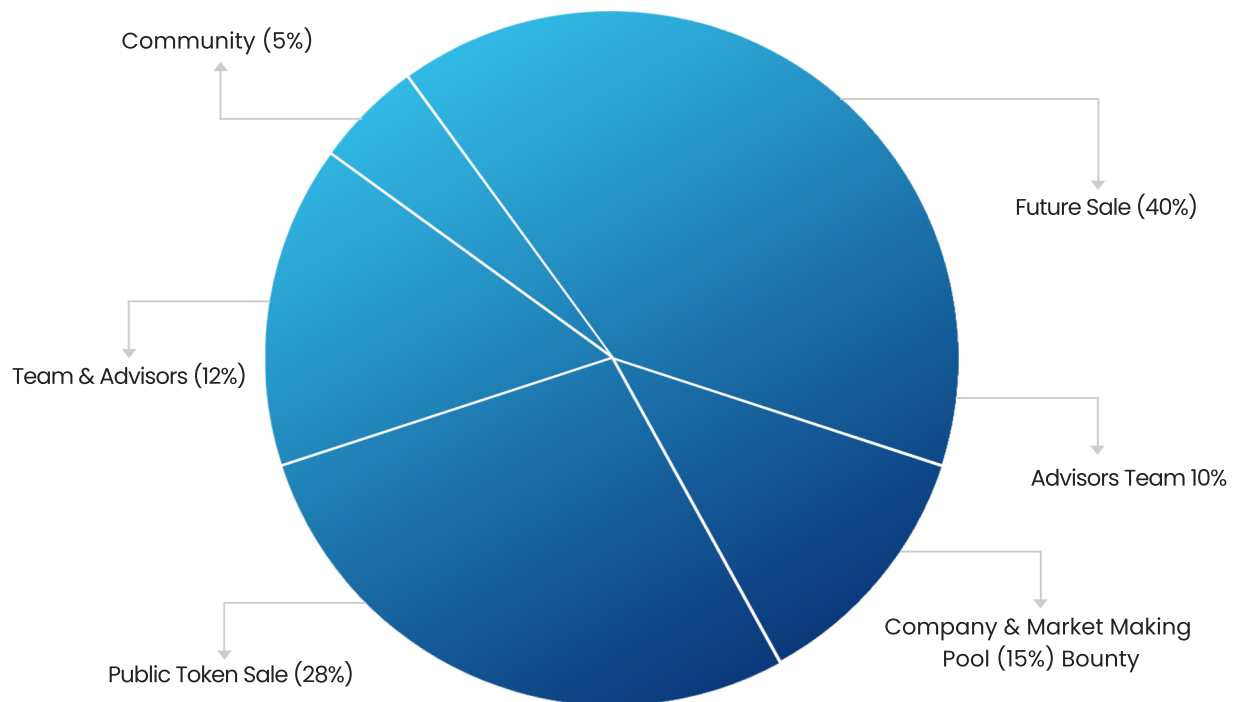
← A boost in exchange  
earnings



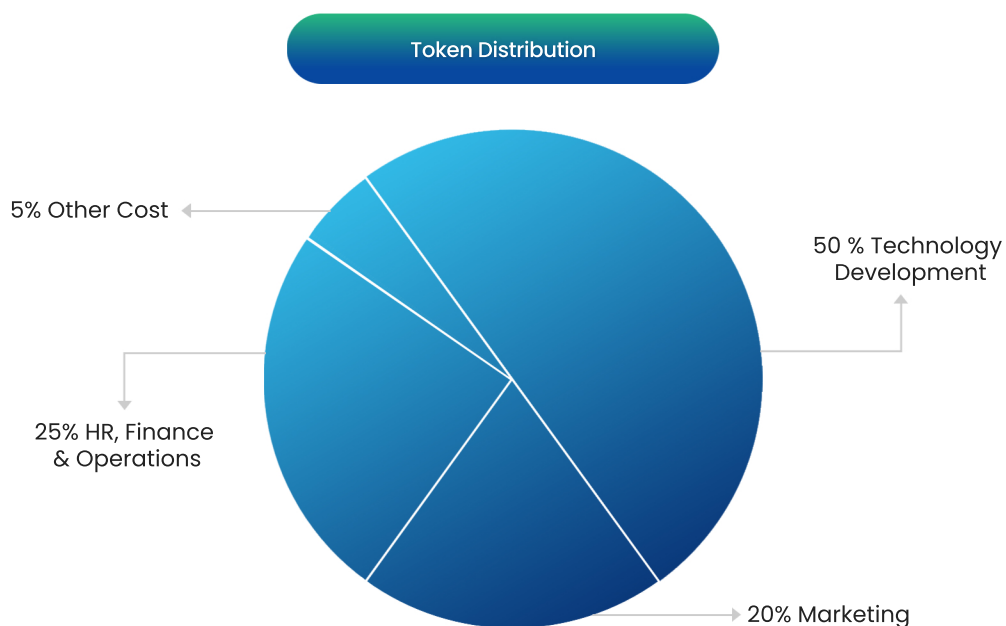
# Roadmap



## Token distrubution



The proposed distribution of the total number of released NCI Benchmark tokens is as follow:



## Summary of Token Sale Terms

Token Issuer:	NETCURRENCYINDEX   Symbol: NCI   Contract: 0x11b6fc5f90141121731aaf52b5532a35c8303b92
Start Date	15 August,2019
Token Delivery Date:	After IEO and listing
Price of NCI Benchmark Token:	0.055 \$
Minimal Purchase Amount:	2000 NCI Benchmark Token
Hard Cap:	U.S \$ 16,500.000
Soft Cap:	U.S \$3,000,000 (Three Million)
Maximal Token Supply	1,000,000,000
Further Token Issuance:	No – all coins will be issued via token sale

## Future prospects

Among several others, security happens to be our concern and as a foremost step, NetCurrencyIndex has taken necessary measures to implement double monitoring of our servers and applications. Furthermore, we also have computer forensics team onboard, with an ability to investigate any potential discrepancy in records.

NetCurrencyIndex believes that refueling is a core concern for travelers these days and it is not quite feasible to carry cash. In order to tackle such issues, we are introducing a mobile wallet that can be accessed with NCIgo app – you can use it on designated fuel stations to continue the journey without worrying by paying with NCI token.

We have already partnered with several crypto exchanges and in the longer run, we plan to work with 200+ exchanges with the help of our robust blockchain and AI-based technology. For our partners, NetCurrencyIndex is also motivated to conduct multiple training sessions where directors and executive will impart their knowledge of the industry and tactics to excel.

Our NCIgo app will also allow our users to use the NCIbot for automated trading so that professionals and specially beginners can easily participate in the fast-growing market. Customers can easily manage all their financial portfolios, earn from them by their followers and trade on the Futures exchange any kind of cryptocurrency or related derivatives in just one dedicated mobile platform.





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