

The First Decentralized Investment Platform Driven By Artificial Intelligence (AI)

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1.0 TokenAl Executive Summary

1.1 TokenAl

We believe Cryptocurrency is the money of the future. Those of us involved in

this community can see evidence of that every day. While we've witnessed

this technology evolve and grow, Wall Street hedge funds have also been

eyeing cryptocurrency as a new source of income. Wall Street has been using

artificial intelligence (AI) and sophisticated algorithms to gain an advantage

in the markets and identify opportunity for years and they will be applying

these proprietary tools in the token market as well.

Enter TokenAl - the first decentralized, democratized, permissionless

investment platform. TokenAl is driven by the community and powered by Al

- bringing Wall Street level tools to the crypto community and to the masses.

TokenAl is developing an Al platform that will permit anyone who wants to

take part in the token market to take advantage of sophisticated Al

algorithms. These algorithms are designed to identify and provide insight to

market and individual cryptocurrency performance and to create basket

index products that we believe are optimized to achieve the best gains over

time.

These tools interact with smart contracts that exist solely on the blockchain

and direct the future of how these Als learn, grow and interact with the token

market and the community. Think of it as a Wall Street company with Wall

Street quality tools that are designed to work with and for the community.

1.2 The TAI Token

TokenAl is creating the TAI tokens for a limited time. A capped number will be

created.

Additional tokens might be released based on market changes, but no sooner

than one year from the initial TAI release (see Reserve section for more

information).

We believe the value of TAI is in its use on the TokenAI platform. TAI will be

used as the **only** form of payment on the TokenAl platform.

Example: A user wants to get his portfolio optimized. He would use TAI to pay

the usage fee, and then benefit from the advanced AI tools TokenAI offers, at

a fraction of the cost.

1.3 TokenAl's Total Market Token - TMT

We anticipate that the first product TokenAl will be generated via the Al

platform and will be our first index product - the Total Market Token - TMT.

TMT is intended to be a basket index in the form of a token that contains the

entire token market.

We believe TMT will allow more people who are currently overwhelmed by the

diversity of choice and opportunity in the token market to participate by

owning it all at once, and will increase the number of real people involved in

this market to reduce the effects of the Wall Street algorithm based trading.

1.4 The TokenAl Portfolio and Algorithms

The TokenAl Token (TAI) represents a new way of looking at the token

market. In traditional financial markets, advanced artificial intelligence tools

are used to generate an advantage over the general index performance. Until

now, these tools were only available to large banks and sophisticated Wall

Street investors. They were expensive and hard to access and were not

aimed at the evolving token market. TokenAl aims to disrupt tradition and

enable access to sophisticated market tools at low-cost and with a simplified

interface. Both simple and sophisticated users can use these tools and gain

an advantage in their token trades.

To accomplish this, we look to the tools of artificial intelligence and machine

learning to allow the TokenAl platform to learn and adapt to investors'

behaviors and beliefs about the future of the token market. We are building a

platform that will receive feedback from the market and learn from it.

The TokenAl algorithms rely on big data analysis and predictive models to

identify high-performing and low-performing currencies and tokens. These

algorithms are used by the TokenAl platform to analyze, optimize and provide

critical market information, and we believe, offering its users a significant

advantage in the market (See Algorithm section for details).

We anticipate that the TokenAl basket index (TMT) will be initially comprised

of the 100 top performing cryptocurrencies and will be updated weekly, and

over time, will expand to encompass the entire market. This basket index is

planned to be issued in the form of a Total Market Token (TMT) and will be

used by the AI tools to develop learning and analysis capabilities as well. We

envision that the index will also be offered to the public and to third party service providers and its usage will allow the AI tools to learn more rapidly and effectively in real market conditions.

Several of these tools are already in beta and could be up and running in a very short time once the token generation event is successfully completed!

### 1.5 TokenAl TMT Index Owner Value proposition

- a. Market tipping point: The cryptocurrency markets are maturing, and we believe that soon will go from an enthusiast-only environment to a more mainstream form of investment. Our goal is that owners of the TokenAl basket index will have access to an entire market, not just one or a few assets. This removes complexity and the need to track and manage multiple assets, to keep up-to-date with new assets becoming available and getting out of poorly performing assets, which is perfect for new/novice/busy people who want access to this new asset type but don't have the time or capacity to understand it.
- b. Reduced volatility and risk: Modern portfolio theory suggests that a diversified portfolio provides holders with higher average returns and lower volatility over time than they would achieve trying to invest individually in any currency or tokens. This reduces the need to speculate and essentially gamble on specific coins or tokens.
- c. Software optimized: We believe that the TokenAl algorithm and big data analysis allow for more optimization and better performance than an individual could get on one's own<sup>1</sup>

<sup>1</sup> See Risk section for more information

d. Fee reduction: Purchasing individual assets on exchanges incur fees.

By purchasing TAI, we believe users can gain access to many more

assets with lower fees than they could find on their own.

1.6 Use of Funds

TokenAl plans to use dedicated funds to finance the Al maintenance and

additional development, index maintenance and expansion, operations and

regulatory expenses.

For more details, see Use of Proceeds section.

### 2.0 Motivation

It's been just a few years since Bitcoin launched as an experiment and has exploded in growth. Ethereum has added an additional level of simplicity and capabilities to this ecosystem and we strongly believe that the cryptocurrency economy is very close to becoming a mainstream way of investing and transacting.

While many attempts have been made to attract more investors and creditors to this world; several barriers still remain:

- Traditional financial structures: Cryptocurrency in its current form is
  the perfect hybrid of a financial product and software, combined with
  a freedom that had not existed in the financial world since the days
  when bartering was the leading way to transact. This decentralized
  method does not work with the way traditional financial companies
  operate today.
- 2. User experience: While today's cryptocurrency markets and applications are significantly better than what was available several years ago, they are still not easy for the average user to understand. A user who wants to purchase or sell cryptocurrency or tokens has to navigate multiple apps, wallets and exchanges in order to participate. This is very time consuming and confusing to many "average" users who just want to get into this world without having to understand the ins and outs of each application/exchange/technology.

- 3. Robustness: Sophisticated users on the other hand, lack significant analysis tools that can provide them with an advantage over the market. Wall Street level investors are used to having analytics and prediction tools within their reach and want the same tools to be available to them in this new market.
- 4. Risk: Investment in cryptocurrency is still a speculative and risky endeavor. Most sophisticated users spend a lot of time and effort researching the new tokens on the market and the market trends but most "average" users don't have the time or mental capacity to do this. They prefer to sit on the sidelines and not participate in this community or randomly throw their money onto something based on "tips" they received or articles they've read, which in both cases are not great ways to invest.
- 5. Market growth: Currently, there are over 900 different coins and tokens being traded and more are added almost daily. While managing trades in a few coins is fairly easy, addressing all the opportunities this fast growing market offers is nearly impossible.

We believe that TokenAI is creating a game changing platform and artificial intelligence tools that allow an average person with limited time and bandwidth access to this ever-changing market, invest with a higher level of comfort and simplicity, making for an easy experience. We believe that TokenAI's tools will offer sophisticated investors as well as third party services access to the top-of-the-line AI tools the crypto market offers.

These tools will be built with the community in mind and with your input and will allow us together, to control the direction these tools go for the benefit of

everyone, not just a few banks and investment funds.

We believe that TAI and the TokenAI TMT index proposed in this document facilitate the mainstream adoption of cryptocurrency, while democratizing the tools used to create this change. We believe that TokenAI will empower the newcomers to the token world and equip them with powerful tools and you can take part in this!

3.0 TAI Owner Value Proposition

We believe that TAI owners directly benefit from the usage of TokenAI's

analysis and prediction tools.

Doing so allows beginners, cryptocurrency enthusiasts and advanced users

access to what we believe are "Wall Street quality" tools and could give them

a significant advantage in the market. Usage of TAI in this way burns the

token.

3.1 Owned By the Community, For the Community

The TokenAl platform is designed for use by and benefit of the community.

This goes beyond just offering services to the cryptocurrency community.

With TokenAl's democratized approach, owners of TAI will be able to actually

provide feedback on new projects, Al tool implementations, and other major

decisions the company makes. Imagine a Wall Street Fintech company, one

that is not governed by a bank or by a drive for more money, but one focused

on what's best for its users.

3.2 No Need to Gamble

In essence, the crypto market today is a speculative market, almost like

gambling, where buyers place bets on individual coins and tokens hoping

their investments will increase. The TokenAl platform potentially offers a way

to reduce this "gambling" approach and apply intelligent analysis, prediction

models and machine learning to the token market.

We believe that The TokenAl TMT index will offer access to ALL<sup>2</sup> coins in the market, thus reducing the need to make bets on individual coins or tokens.

### 3.3 Optimized for Success

With the TokenAl algorithm and big data analysis, we believe that we can offer an optimization that currently isn't available to individual users. This could potentially allow for higher returns than the market could offer based on performance and predictive software<sup>3</sup>.

### 3.4 Limiting Fees, Fewer Worries

Every time you purchase a coin or token at an exchange you incur a fee. Imagine transacting in 100+ tokens every week. Those fees would be a huge drain on your portfolio and your profits.

We believe that TokenAl's predictive tools and indexing models allow you to forego investing in low-yield tokens, thus reducing the fees spent. With TokenAl's basket index that we will maintain, transaction fees are reduced or even eliminated allowing you to keep your hard earned money and use it for buying assets, not paying for transactions<sup>4</sup>.

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<sup>4</sup> Part of TokenAl's business model involves a recurring management fee.

<sup>&</sup>lt;sup>2</sup> All coins with some limits. E.g. tokens with low liquidity or tokens that can't be traded anymore will not be in the index

<sup>&</sup>lt;sup>3</sup> See Risk section for disclaimer

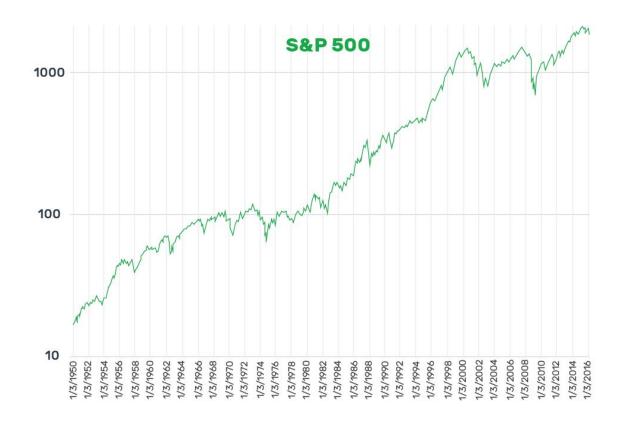
### 3.5 Total Market Token - The Tipping Point

The cryptocurrency market is at a crossroads, similar to where the stock markets were in the late 18<sup>th</sup> Century. This is a monumental time to be involved in these markets, as we believe the cryptocurrency markets are about to experience a major maturation and go from serving a small group of enthusiasts to having mass appeal. We can see this with talks about crypto ETFs from Wall Street, the ETH ecosystem as it grows and expands, and as more platforms and DApps are created daily. Cryptocurrency is also gaining attention of mainstream media, with Bitcoin leading the way.

As participants in this market, we are all busy and most of us are not able to dedicate our full time and attention to this fast changing environment. We also anticipate these ecosystems will become more mainstream, more novices will enter the market looking for an easy way to navigate the complexities and make smart investments without having to do too much research. We also see a strong interest from sophisticated investors, looking for a robust platform of analytics and prediction tools that do not yet exist.

#### Imagine this:

It's the 1950's, and someone tells you about this new thing called the "S&P 500" that allows funds to be created for people to invest in the entire stock market, instead of having to buy individual stocks. Would you be interested in getting into something like this?

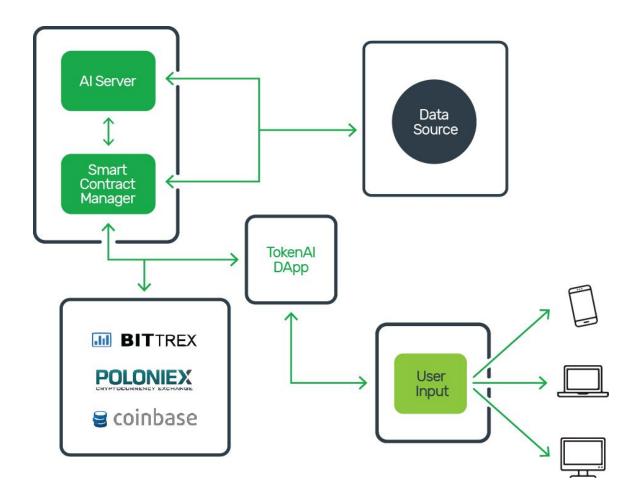


What if you said no? What would you think about that today?

## 4.0 Detailed Platform Overview Plan

The TokenAl platform has the potential to provide a variety of tools and resources to allow both sophisticated and less sophisticated users to engage in commerce in the token market.

This diagram outlines the TokenAl network:



4.1 Smart Contract

When the user chooses to use TAI for company services, the token is

reclaimed by TokenAl and added to the TAI token reserve (see reserve

section for details).

Traditional financial companies are run top down, with a focus on earning as

much money for their executives as possible. TokenAI is different, it listens to

its community.

With TAI, the community will be able to propose new products and index

solutions, to propose the types of AI tools TokenAI should develop and the

actions the company should take at major crossroads. The TAI community

will be consulted on these proposals, democratizing how this company runs

and changing the incentives from making lots of money for a few executives,

to what is best for the community. This is a revolutionary way of running a

financial company and with TAI, you can be part of it.

4.2. TokenAl Management App

The TokenAl app will be the access point for users to manage and modify

their portfolios, and track their transactions with TAI. Once the app/website

are complete, TAI users will be required to register and will be required to

verify their identity in order to comply with anti-money laundering laws and

various state and county laws.

4.3. TokenAl Al Platform

The TokenAl Al Platform is where the "magic" happens. The Al services will

track and analyze the market and social media using proprietary algorithms

to identify opportunities and pitfalls relating to market movements. These

algorithms, in turn, provide input to the transaction services and the API.

4.4. TokenAl Transaction Services

The TokenAl transaction services will manage the purchases, sales, and

rebalancing of the user's holdings in the token market and within the basket

index. With input from the AI algorithms, the TokenAI transaction services will

be able to automate purchases and sales and rebalance the basket index for

the user without the user having to do anything. The transaction services will

also manage the rebalancing of the basket index portfolio and the

transactions needed for most profitability or Al hypothesis testing.

4.5 TokenAl API

The TokenAl APIs are a set of protocols that will allow third party services to

connect to the TokenAl's Al platform and leverage the work TokenAl has

done to optimize its services. These APIs could be used for example, by

exchanges that want to offer additional services to their members in the

form of smarter transaction recommendations or AI optimization on their

portfolios. Another example of potential use is cryptocurrency service

providers who want early warning of a traffic surge, or a pending DDos

attack. They could write code that calls on the APIs to predict such events

and better prepare for them.

4.6 The Algorithms Used by TokenAl

The TokenAl algorithms will track changes and trends in the cryptocurrency

market and social media and are designed to identify opportunities that exist

beyond what the standard market portfolio or individual currency purchases

can offer.

Using these algorithms, TokenAl can potentially create optimized

transactions and customized indexes of coins or tokens that allow the holder

to hold the entire market or just individual coins and benefit from early

identification of trends that could increase profitability over time.

The TokenAl platform is a set of Al modules that can be selected and

combined to produce a cryptocurrency portfolio or to analyze and optimize

an existing portfolio.

We think of the modules as individual Als - each continuously learning from

different sources of data - and all at the user's disposal.

The AI Reinforcement Learning Module is the AI algorithm that will manage

the TokenAI basket index that we plan on creating. It uses its own change in

valuation as a reward and punishment signal to adjust the basket index

cryptocurrency portfolio. Over time We believe that this module will learn

through monitoring what the aggregate market thinks of its performance

how to perform better.

The AI Anomalous Movement Module will quantify typical movement across

cryptocurrencies. This module will have the ability to both alert the user of

movement and autonomously build trades based on the detected anomalies.

The AI Mimicking Module will allow users to train the AI to mimic and adapt to

their own trading preferences allowing them to automate and improve

trading. This module will watch trades the user makes and as it observes

trading habits it will begin suggesting similar trades. Once a sufficient level of

trust is developed, Users can then allow it to place the trades for them.

The AI Social Module will use sentiment analysis from news and discussion

on major news sites, blogs, and social media. This module will give the user

deep analysis of the global sentiment (even from sites in many languages

that the users can't even read!) and provide the ability to construct trades

based on trends and influencers invisible to most users.

The AI Risk Optimization Module will use the historical data from the

cryptocurrencies to quantify and optimize the amount of risk the user is

willing to accept. With the immaturity and lack of sophistication of many

traders in these markets, having well quantified risk profile is crucial to

long-term success.

The AI Market Manipulation Avoidance Module assumes that there will

continue to be malicious actors who attempt to both manipulate the

currencies' prices and the exchanges' ability to operate. By monitoring

activity across all of the exchanges, this module will provide users and

exchanges with analysis of how well it believes true price discovery is

working and potentially prevent them from being cheated.

Below is an example of how the *AI Reinforcement Learning* Module could rebalance a portfolio:

Let's assume an investor has \$10,000 to spend in the cryptocurrency market.

Let's also assume that this is a mainstream investor who has a limited amount of time to spend on researching this investment.

- He could pick a coin or token at random and hope it goes up in value that would be equivalent to gambling.
- He could also spend an enormous amount of time and effort investigating multiple exchanges and applications and buy every single coin and token in the market. While that reduces the risk of volatility, it is inefficient, and requires more time than most humans have.
- 3. He could buy the use of the TokenAl platform to either buy the Total Market Token index or customize a portfolio based on his liking and gain instant access to a constantly optimizing smart contract of all coins in the market.

### Example<sup>5</sup>:

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Symbol	Price	Al Balanced Ratio	% Change	TAI	Market
				11.3704	6.02976
ALF	0.001176	1.0000%	-37.35%	-0.3735	-1.1952

<sup>&</sup>lt;sup>5</sup> This data is used for example purpose only and is based on a partial capture from the TokenAl Database. It should not be used as investment advice or for any purpose other than demonstrating how the rebalancing works. Please refer to the Risk section for more information.

ANC	0.084407	1.5000%	-11.93%	-0.17895	-0.38176
ARG	0.047949	3.0000%	-1.03%	-0.0309	-0.03296
BQC	0.00282	3.0000%	-17.07%	-0.5121	-0.54624
BTB	3.24	3.0000%	-14.69%	-0.4407	-0.47008
BTC	104.45	8.0000%	10.08%	0.8064	0.32256
BTG	0.585998	3.0000%	-26.26%	-0.7878	-0.84032
CAP	0.027474	3.0000%	-37.56%	-1.1268	-1.20192
BTE	0.019841	1.4000%	-20.82%	-0.29148	-0.66624
CSC	0.009574	3.0000%	101.26%	3.0378	3.24032
CNC	0.009818	3.0000%	76.29%	2.2887	2.44128
CRC	0.133694	3.0000%	8.20%	0.246	0.2624
DVC	0.000063	4.7500%	20.35%	0.96662	0.6512
DGC	0.034285	3.0000%	23.17%	0.6951	0.74144
FRC	0.007091	3.0000%	-18.97%	-0.5691	-0.60704
IXC	0.003902	4.0000%	6.00%	0.24	0.192
JKC	0.000269	3.0000%	-18.06%	-0.5418	-0.57792
KGC	0.001542	2.0000%	-37.40%	-0.748	-1.1968
LTC	2.98	5.7500%	3.55%	0.20412	0.1136
MNC	0.053762	3.0000%	116.79%	3.5037	3.73728
NMC	0.624057	6.0000%	8.05%	0.483	0.2576
SBC	0.001361	4.0000%	-5.18%	-0.2072	-0.16576
TRC	0.175962	3.0000%	39.44%	1.1832	1.26208
WDC	0.008776	3.0000%	0.65%	0.0195	0.0208
XNC	0.000034	3.0000%	-41.83%	-1.2549	-1.33856
YAC	0.018124	3.0000%	11.97%	0.3591	0.38304

The highlighted rows indicate a signal that would have been picked up by the TokenAl algorithm or Al analysis that was used to rebalance the allocations in the smart contract and weigh the proportion of assets in it differently than they would have been without this signal.

The yellow highlighted area is the overall percent change for this weekly market snapshot. As you can see, the investor choosing to use TokenAl would have had \$11,137 at the end of the week, while the investor who tried

to purchase all the market assets on his own (presumably equally balanced), would have only made \$10,602. That's still pretty good, but not as good as the TokenAl portfolio. Imagine this could potentially happen every week with an exponentially growing collection of coins and tokens.

As we develop the algorithms we expect more features will be added. Machine and deep learning allow us to analyze unstructured data (like financial information on news sites, blogs, across social media, etc.) and potentially reveal patterns not previously identifiable by only human eyes – this allows for an entirely new approach and potentially more accuracy in trading decisions.

We use the machine learning framework of reinforcement learning - a methodology perfectly suited for our problem of sequential decision making under uncertainty. While reinforcement learning has been popular lately, mainly due to the recent success of AlphaGo, these methods easily date back to the 1980s but their application in cryptocurrency markets is entirely new. Our token can be thought of as having the "actions" of buying and selling other coins and we plan to have it post its new holdings online weekly (eventually daily). Its reward signal will be the flow of value into and out of it. We have chosen to keep secret the exact state space, value function representation, and policy representation, so as to not allow the coin to be easily gamed.

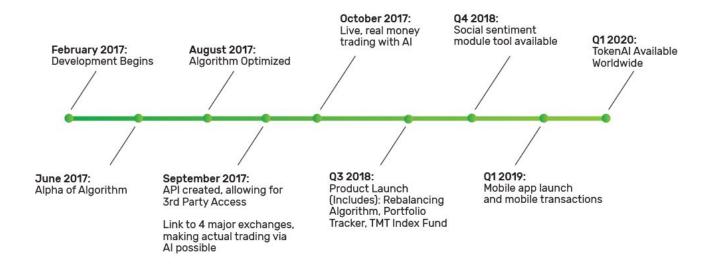
What we are building is a platform that learns and adapts to cryptocurrency markets as they themselves grow, something that could only be implemented using the tools of artificial intelligence and machine learning.

Check out our website and blog at www.tokenai.io where we will be

posting videos and demos of these algorithms in action.

## 5.0 TAI Project Plan

TokenAl has already developed several of its Al capabilities and algorithms and is currently testing a beta for some of the initial functionality. Further development is in progress for both the algorithms and the market capabilities. Below is our roll out current plan.



- Concept Initiation, Proof of Concept, Development, Early Beta May 2016 to May 2017
- Marketing, Incorporation, Strategic Partnership Development and Token generation - Q4 2017
- Platform Development, TAI Product Release, Open Beta and Full Product Feature Development - Q2 2018
- Full TokenAl Product Launch Including Mobile Apps Q3 2018

6.0 Security, Safety and Privacy

TokenAl is built on blockchain technology using the Ethereum infrastructure.

We believe that blockchain addresses many security issues that concern the

modern users and this high security standard will be implemented in TAI as

well.

We believe that TAI provides several layers of security and privacy as part of

its design:

1. TAI owners can use TAI to access the TokenAI platform to purchase

index products covering the entire token/coin market or parts of it.

This reduces their exposure to hacks and attacks for individual

currency wallets and exchanges and allows users to enjoy the

"protection of the herd" by owning just one index that links to all

others.

2. TokenAl platform users can also use more secure APIs and eliminate

the need to use multiple accounts and applications to manage their

holdings, thus reducing exposure of their security footprint.

3. Privacy: Owning TAI allows the owner to be part of a larger pool and

not having directly identifying information tying them to any specific

currency.

4. Safety: Owners who participate in the TokenAl platform protect their

investment from sudden market fluctuations from individual

currencies and tokens by applying smart analysis and prediction tools

that are designed to anticipate such fluctuations. Participating in the TokenAl TMT basket index product also increases safety if a token or currency crashes or even evaporates. The impact on the entire set of tokens and currencies in the index basket is negligible since it covers so many other currencies as well.

7.0 Token Generation

7.1 Token Generation Cap

TokenAl will generate 500,000,000 TAI.

The total proceeds from the TAI token will be soft capped at \$45m and hard

capped at \$55m. If the soft cap is reached, we will continue to sell and create

TAI for an additional 24 hours or until the hard cap is reached and then end

the sale. This will protect those who wish to participate if all tokens sell out

quickly, while also protecting those who came in early.

Once the sale ends, any tokens of the 500,000,000 that are not allocated will

be burned.

7.2 Multi-Sig Wallet

In order to promote trust in the TAI token, we will be using a multi-sig wallet.

Due to the multiple hacks and security issues experienced by ICOs, we plan

to employ multiple tactics to prevent participant money from being scammed

or stolen. We will also be shifting between several multisig wallets and

varying amounts in each so that even if a hacking might occur, most of our

funds will be secure elsewhere.

IMPORTANT: We will not be emailing requests for ETH, we will not be

propositioning for ETH via slack, or other communication methods, please

make sure to think carefully before clicking email links (Don't...), and type the

full web address of a site in order to avoid scams.

# 8.0 Expected Use of Proceeds

TokenAl's funds are anticipated to be allocated as follows: (note that the funds will not be spent until actually used and will remain in the TokenAl multi signature wallet to ensure additional growth<sup>6</sup>).

### 8.1 Development - 55%

Development involves expanding the technology described in this document and scaling the AI algorithms to encapsulate the entire coin and token market and social media world. Developers and academics specializing in AI are highly sought after and as such, command higher salaries and recruiting cost than other developers. We also plan to expand our smart contract development capabilities and plan to hire/train additional developers for this aspect of the business as well.

### 8.2 Operational Costs – 13%

Operational costs include individual ERC20 token exchange balances, sufficient funds to cover purchasing fees and transaction costs, staffing, management and other related expenses.

### 8.4 Legal and Compliance - 5%

Ongoing costs to ensure compliance with international financial laws and regulations.

Some funds may have to be spent immediately to accommodate company operations

### 8.5 Allocated to Portfolio Building - 27%

The remaining funds will be used to maintain and expand the trading platform portfolio and the TMT basket index. See Risk section for more information.

9.0 Contact and Team

Ilana Fraines, Co-Founder

Ilana got into computer science as a pre-teen, inspired by her mom who was

already a software engineer for big banks. By college the tech boom had

gone bust, but the implications of the web on software delivery had stuck

with her in a big way.

In the following years she enjoyed the San Francisco tech scene developing

web apps for clients and then full time for bigger companies like CBS.

Her fascination with blockchain came with the recognition that it would be

the stepping stone to the next paradigm shift for software delivery and she

was hooked. Secure, transparent, and distributed computing.

Now, the good part of 2017 she is delving deeper into cryptocurrency and

blockchain software development with her teams new product, TokenAl.

Sam Czertok, Co-Founder

Sam is a creator and technologist with an MBA from Cornell University and

over 20 years of experience in software development & management.

He currently runs an mobile app business with 35 apps in the App Store,

yielding 5.5 million downloads, with many spending time in Top 10 lists.

While at HP, he was part of a small team that launched and developed an

entirely new computing category, going from \$0 to \$1B in a single year, and

was personally responsible for not only generating, but also closing deals

cumulatively leading to over \$100m in revenue.

Sam also has extensive experience as product manager for operating system

level software for large financial institution and enterprise clients.

Lawrence Lanoff, Co-Founder

Lawrence is an award winning filmmaker, successful entrepreneur and early

technology adopter who's been investing in cryptocurrency since 2011.

He has directed and produced 11 feature films. Lawrence led a production

team that won a Chicago Film Festival award and a United Nations Global 500

Award for writing and creating the documentary "We Can Make a Difference".

Lawrence co-founded Lip Ink, generating upwards of \$100mm in revenue

and numerous product patents.

Lawrence is a best selling author, world renowned life coach, and was a

featured expert in Neil Strauss' New York Times Bestseller "The Truth".

In addition, Lanoff has spent the last 15 years developing a new "theory of

consciousness" that is an amalgamation of neuroscience and meditation.

This unique perspective, when applied to machine learning, artificial

intelligence and cryptocurrency, provides TokenAl valuable insights in

product creation and development.

Seth Knapp, Co-Founder

Knapp is a lean, growth focused entrepreneur who has founded companies in

an eclectic array of markets and industries from retail to media to tech.

He has personally raised close to \$1mm in funding for various ventures.

The eclectic nature of Knapp's experience as an entrepreneur and founder,

has provided him with unique insights and perspectives that allow him to

view problem solving and growth from a different lens.

Knapp and/or his companies have been featured in such publications as

Entrepreneur, Mashable, WSJ, SF Globe, Tech Cocktail, The Next Web, and

many more.

Eric Miller, Creative Director

A designer, strategist, visionary, and producer who creates brand

experiences at the intersection of people and technology. Through strategy

and design, breaking formulas and reverse engineering, Eric combine's

storytelling and experiences to build bold brands and communities around

them.

Joshua Joseph, Ph.D, Al Specialist

Josh has over a decade of experience solving real-world problems using the

tools of artificial intelligence and machine learning in both academia and

industry.

The majority of his past AI/ML work has been in finance from time

co-founding a fully-automated, proprietary trading company, as a machine

learning consultant, and as Chief Science Officer at Alpha Features. In

addition to a wide breadth of experience in strategy discovery and validation

using structured and unstructured data sources, he has also performed

technical due diligence on over a hundred AI/ML hedge funds for an asset

allocator.

He received a B.S. in Applied Mathematics and a B.S. in Mechanical

Engineering from Rochester Institute of Technology and a S.M and Ph.D. in

Aeronautics and Astronautics from Massachusetts Institute of Technology.

In his free time he is a very mediocre improviser and loves arguing about all

of the awesome ethical problems that result from the progress of Al

Nick Hamilton, Advisor

Nick serves on the Board of Directors of TokenAI in an advisory capacity.

Out of the past 14 years is technology, Nick has worked in Big Data and

Analytics for seven, where he led teams focused on growth in the

intelligence/defense space and later the commercial sector.

Nick later transitioned to running large product teams with a focus on cloud

strategy.

Previously, Nick worked supporting the intelligence community, specializing

in leveraging technology in innovative ways to solve complex human-centric

problems.

Joe Wasson, Advisor

Joe is a software veteran with more than 20 years experience focusing on

eCommerce and security. He has been involved with crypto currencies since

2011.

Joe leads a software team building payment processing solutions and is

excited for what decentralized financial networks and smart contracts can

do. In his spare time he runs a recording studio, writes poetry, and plays

tabletop games.

Clinton Senkow, Advisor

Clinton is a two-time G20 YEA entrepreneur representing Canada and

currently the co-founder & COO of Influencive which is an online media

platform that teaches and inspires millions of people around the world each

month about business and entrepreneurship.

He's held top roles in partnerships, sales, and marketing across various

tech-based businesses and is a former financial advisor with both a BBA in

Management and his IFC from the Canadian Securities Institute.

His work has been featured in Forbes, Inc. Magazine, the Huffington Post,

Mashable, and Entrepreneur.com

Daniel Kempe, Advisor

Daniel is currently the Co-founder & CEO of Quuu a leading online social

media curation tool used by tens of thousands of individuals, influencers and

companies day-in day-out. Having won UK startup awards for a previous

branding company and with his existing success from Quuu, Dan's been

featured in major publications such as Entrepreneur, Inc, TNW, Shopify,

Forbes and many more.

He'll be consulting for Token Al on growth, content marketing and user

experience alongside business partner Matthew Spurr.

Matthew Spurr, Advisor

Co-founder & COO of leading content suggestions company Quuu, Matthew

has won UK awards for his work in branding alongside fellow Quuu

Co-founder Daniel Kempe. He sold his first company straight out of university

which was a niche digital PR startup and from there he specialised in product

growth and marketing for the next 5 years, being featured in major online

publications such as Forbes, Entrepreneur and Inc.

His experience in this field will be combined with that of Daniel Kempe's to

optimise the Token AI product experience and identify sustainable growth

plans for the product.

Trey Stinnett, Advisor

Trey Stinnett is a serial entrepreneur and co-founder of Blockchain Investor,

LLC. - a financial and technology education platform that invites old money

into the new money system of cryptocurrencies.

In addition to cryptocurrencies, Trey has been a venture capital and real

estate investor for over a decade and now coaches others to do the same.

Trey and his companies have been featured on Mashable, Fox News, RT,

C-Net, Chron.com, and ABCnews

Veronica McGregor, Outside legal counsel

Veronica McGregor is a partner in Goodwin's Financial Industry, Banking,

Consumer Financial Services and FinTech practices. With particular expertise

in the banking and consumer financial services sectors, Ms. McGregor has

extensive experience across all aspects of the payments and consumer

lending landscape. more

Mitzi Chang, Outside legal counsel

Mitzi Chang, a partner in Goodwin's Technology Companies & Life Sciences

Group, focuses her practice on corporate and securities law, representing

public and private companies, venture capital and private equity firms and

investment banks in capital markets transactions, mergers and acquisitions,

venture capital financings, SEC reporting and other general corporate and

securities matters, more

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Twitter: https://twitter.com/TknAl\_CrowdSale

Telegam: https://t.me/joinchat/GU0tTUc\_k6jL-QpDBF3GyA

Reddit: Coming soon

Github: <a href="https://github.com/tokenai">https://github.com/tokenai</a>

YouTube:

https://www.youtube.com/channel/UCoJDW2i7HUDoVY68zjxJgTA

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See the terms and conditions to this token generation event for more information at <a href="https://www.TokenAl.io/terms">www.TokenAl.io/terms</a>

2. Due to the fast paced changing nature of this technology this whitepaper

will continue to update as needed based on technological and market

advances. Please ensure that you have the latest version of this document

that will be posted at www.tokenai.io

3. Also, please ensure that you check our blog for the latest updates on what

we are doing and how the development of our token and token generation

event is progressing. The most up-to-date information can be found at

www.tokenai.io and navigate to the blog section.

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