



SUITEZIEL: ICO FOR AN  
AUTOMATED STOCK TRADING  
PROJECT

Since they were first introduced, automated trading systems have had a positive impact on the quality of investment markets. The so-called "robots" have speeded up information processing and decision-making. More importantly, they have systematically assured higher profits for traders using them.

As of today, while widely implemented, automated stock trading has yet room for improvement. The efficiency of current technologies remains limited and presents difficulties for traders. *We have decided to change that.*

**Suiteziel is the name of our ICO crowdfunding project.** We want to offer a utility token for potential investors interested in adding automated stock trading technology to their portfolios. Once **Suiteziel's** funding is completed, we plan to offer a software or programming service (SaaS) asset tradable for the token. In this way, we want to add tradable value to the token while honoring the trust of our investors.

We believe **Suiteziel** ICO will be a great form of investment. While also profitable, other forms of investing don't come with the same direct responsibility of taking part in the development of new technologies. With our ICO, investors will have this privilege, while gaining an advantage in the trade market when these technologies become available.

Also, being an NFT, and unlike other traditional forms of investment, **Suiteziel** tokens will start at low prices before becoming tradable and more demanded, which will benefit early investors such as small and medium-sized businesses interested in diversifying.

In the next pages, you will find a brief introduction to automated stock trading and an analysis of the problems we have identified, followed by potential solutions. Lastly, we offer a sneak peek at **Suiteziel's** early business idea description, road map, and intended use of proceeds.

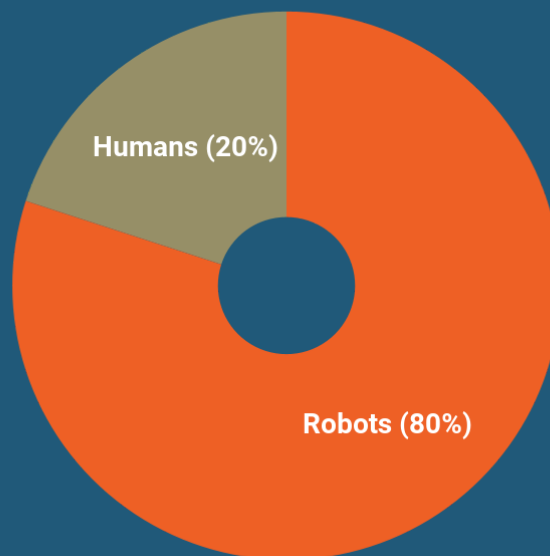
## WHY AUTOMATED STOCK TRADING

The benefits of automated trading are well-known:

- ≡ *Improves* order entry speed
- ≡ *Minimizes* emotions
- ≡ *Possibilities* backtesting
- ≡ *Preserves* trading discipline
- ≡ *Diversifies* trading through multiple strategies, markets, and accounts

### Stock Market Traders Demographics

Source: (Li, 2019)



However, automated stock trading also has several downsides that traders and researchers continue to explore how to solve. By looking at the state of stock trading market automation, we have identified a series of flaws that have room for improvement.

# THE CHALLENGE: THE PROBLEM WITH CURRENT AUTOMATED STOCK TRADING SOFTWARE

## "AUTOMATED" DOESN'T MEAN AUTONOMOUS

Automated trading systems allow immediate entries and exits to occur when meeting predefined values. Thanks to that, the manual work of traders has reduced significantly. At least for executing entries.

Since automated trading systems are powered by predefined rules, it is humans who have to design and implement the trading strategies for robots to execute.

Yet, robots will still demand attention during their whole lifespan. Even in the case of the most profitable stock trading software, traders still need to keep an eye on them in case of unexpected behavior or hardware and/or software failures.

## TRADING STRATEGIES COMPLEXITY

Successful trading strategies are built over trading opportunities and speed and can start just as an attempt to

profit from news. However, the whole process is a bit more complex than that.

### Steps for programming a trading strategy

1. Idea formulation
2. Research
3. Building a prototype
4. Testing it with historical data  
(*backtesting*)
5. Parameters optimization
6. Real-world testing
7. Evaluation of its performance
8. Adoption or dismissal of the strategy

At the same time, successful traders don't rely on just a single strategy.

Instead, they develop a number of them, retiring those that have reached

the end of their lifecycle and creating new ones to occupy their place. What's more, trading strategies only

work as they should in the market conditions in which they were conceived.

## TECHNICAL COMPETENCIES

There are two options for anyone looking to get into stock trading automation:

### ***a) Third-party trading platforms tools for building rules (wizards)***

There are tons of third-party tools for using robots, also offered as Expert Advisors (EA). Each one offers a different experience in terms of:

- **Quality.** Its success in profiting and its programmer's skills.
- **Rules options.** How configurable it is.
- **Access to markets.** In which market it works.
- **Interface.** The user interface and supported platforms.
- **Programming language.**
- **Latency.** How fast it can trade.

While some of these robots are free and others are not, at the end of the day they will be as profitable as the

skills of those who designed and keep updating them had made them be.

However, the best robots (or at least the profitable ones) are rarely for sale. The rule of thumb is that, if an EA is profitable, it is absurd to sell it, since it grants its owners an edge on the market. This speaks ill of the robots for sale—and even worse of the free ones.

### ***b) Custom-made rules and software created by programmers or traders themselves***

Custom-made robots are the best solution for automated trading. However, they are expensive and time-consuming to produce and maintain. Also, to continue making a profit, these robots need constant evaluation: programmers need to learn and fix their flaws as the market evolves or in the case contingency events occur.

Another problem is that programmers don't necessarily know how to trade, and traders don't necessarily know how to program. Also, as with third-party options, traders relying on

the skills of programmers for making a profit are in the vulnerable position of ignoring if what they are buying works the way it is promoted.

## SPEED AND INFORMATION

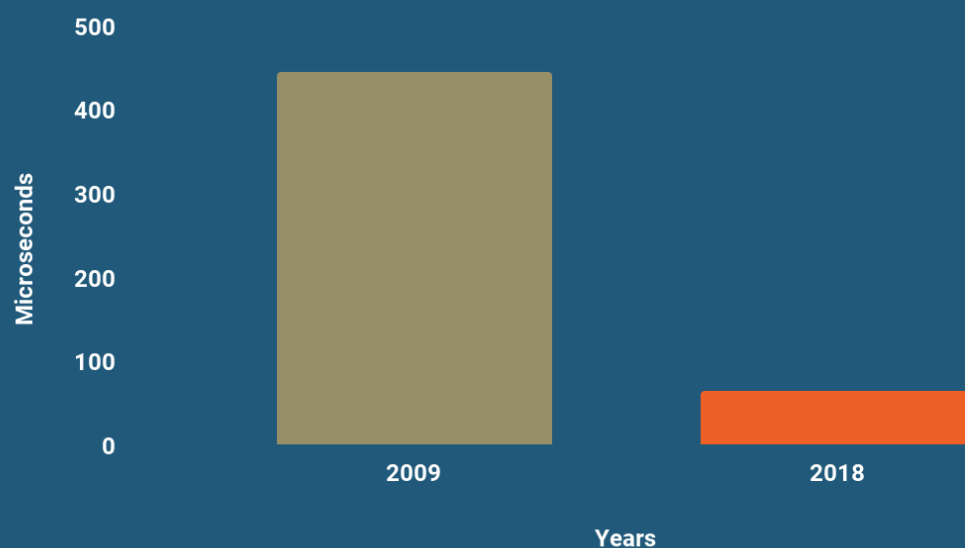
Lastly, there are trading methods that combine robots with the ever-increasing speed of computers.

In this regard, high-frequency trading (HFT) works by operating an enormous number of transactions per second. HFT strategies prize speed at a small profit but large volume of

transactions. In doing so, HFT traders keep their algorithms simple: Thanks to this information diet of sorts they can act quicker than other traders. HFT remains at the forefront of all competition, on occasions damaging or controlling other investors or the market in general.

### Order Processing Time (BYX exchange)

Source: (Baldauf and Mollner, 2020)



## THE SOLUTION

**Suiteziel** wants to develop a solution for these issues in the form of new automation software that:

- ☐ Requires less monitoring and is less prone to mechanical failure without sacrificing proficiency
- ☐ Offers a simple and friendly model for building, managing, and updating strategies
- ☐ Eases the learning curve of those who lack the programming skills and want the benefits of a custom solution
- ☐ Is proof-designed against more rapid traders (HFT strategies)

## POSSIBLE TECHNOLOGICAL SOLUTIONS

Of course, the trading world is not unaware of these challenges. A set of options are prevailing as game-changing solutions. These are the technologies we want to research and develop:

### ARTIFICIAL INTELLIGENCE

Speed isn't everything in making a profit. At least not by itself. AI can add depth to decision-making by collecting and interpreting information at computer speed: patterns recognition, fake data filtering, speech, text, and images analysis. What's more, since AI doesn't necessarily do things as humans do, it can offer original insight and discover hidden patterns in the market through deep learning.

At the same time, AI can learn how human behavior works and help design trading strategies. This is the case in sentiment analysis, where news websites and social media are used as input. AI interprets this large array of multi-format data to grasp how events affect the market and to learn from them.

AI has become relevant in portfolio optimization as well, which uses AI's predictions on the market and portfolio assets to weigh risk and returns.

## **MACHINE LEARNING**

Machine learning optimizes trading by learning of its own results. Machine learning strategies read, classify and compare information to achieve better rewards, favoring profit and diminish risks. Since it can learn from its faults, a robot-aided by machine learning requires less supervision.

As a way of financial forecasting, machine learning is still challenged by the complexity and contingent, non-stationary behavior of market data. However, technologies like data mining and deep reinforcement learning offer trade robots new ways of educating themselves on the nature of markets.

## **OPEN SOURCE**

The large number of professionals behind the open-source community is responsible for lots of openly available stock trading learning resources. This includes from the basis of quantitative finance and strategies to materials for developing custom automated trading tools.

Further development of open sources projects means more resources for learning advanced trading mechanisms. In this regard, creating new projects can be as fruitful as contributing to others or organizing materials in a non-cumbersome, beginner-friendly way.



## OUR PROTOCOL

**Suiteziel** will use a Binance Smart Chain BEP-721 smart contract Standard NFT model framework for its token. This model allows NFTs to be unique while also compatible with the Ethereum Virtual Machine.

In terms of ownership, each BEP-721 token has a unique token ID, unlike the BEP-20 standard, which can have more than one token per smart contract. Thanks to their uniqueness, these tokens can be used as tradable market valuable assets.

Our token will use Proof of Stake (PoS) for energy efficiency and, most of all, for rewarding early investors. These tokens will use Binance Coin (BNB) for gas fees and may be purchased with many different cryptocurrencies.

## BENEFITS OF OUR TOKEN

### An edge on stock trading

*We want our investors to capitalize on the results of our research by offering them technological advantages.*

### Profit

*NFTs are a form of investment that profits on market speculation but also from the value of the project they have come from.*

### Active participation in the tech community

*We believe that nurturing a community is part of how we want to grow and be known for.*

## OUR BUSINESS PLAN, ROADMAP, AND TIMELINE

Our business plan, first proposed in mid-2019, is related to e-commerce, business digitalization, blockchain smart contracts, and software automation.

We expect crowdfunding to be completed by the second semester of 2022. We expect a real amount that sums up to \$175,000-\$200,000. After crowdfunding is over, the **Suiteziel** business project will support on its own.

We are expecting to have 500 million dedicated tokens available for sale as we launch our crowdselling and offer them in the main NFT marketplaces.

Funds will be used in education, technology, and research. Updates will be posted on our website.

## LEGAL FRAMEWORK

The legal framework of **Suiteziel** will be that of limited liability company UG, established with ❤️ in Germany in mid-2021. Its initial capital will be €150.

We hope that as a company we will get a crypto wallet license for tokens from those who offer such a service by setting up a company in Lithuania or Estonia. The costs amount to around €25,000 for opening a bank account, setting up, licensing, and hosting the registered office. As proof of transparency, our token sale progress will be available on our website for investors to check periodically.

## The Bottom Line

Landing soon! We will be launching in Germany in the very near future...

To find out about **Suiteziel** release date and other relevant news, feel free to visit our website and subscribe to our mail list, you will be among the first to know when we officially take flight.



# SUITE ZIEL

*100% Automatic*

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