WHITPEPAPER

CoinAnalyst

UNDERSTANDING CRYPTO CURRENCIES

Tokenizing all your Trading and Investing needs

COINANALYST.TECH

CoinAnalyst Whitepaper v1.2 EN 09/09/2020
1. Executive Summary

**CoinAnalyst** is a software system that enables any trader in the crypto asset sector and other industries to access a dashboard which monitors and analyses real-time data from the crypto and ICO market. **CoinAnalyst** is based on the patented Cogia technology which uses semantic indexing and structuring of online data using pattern recognition and artificial intelligence. Additionally, the system provides news, price quotes and messaging. Similar to the information provider Bloomberg in the traditional financial market, we want to become the equivalent information provider in the crypto market – not exclusive like Bloomberg, but open for the mass market.

We are doing an Initial Exchange Offering (IEO) for this project which started in Q3 of this year. Even if CoinAnalyst will offer a token, we’ll use the more common term IEO here.

If you have any questions or suggestions, please do not hesitate to contact us via [https://t.me/CoinAnalyst](https://t.me/CoinAnalyst) or [contact@coinanalyst.tech](mailto:contact@coinanalyst.tech)

Table of contents

1. Executive Summary.................................................................................................................................................. 2
2. Introduction .................................................................................................................................................................. 3
   Company ........................................................................................................................................................................ 4
   Founders of CoinAnalyst ............................................................................................................................................. 4
3. Application .................................................................................................................................................................... 5
4. Platform......................................................................................................................................................................... 7
   Additional Functions ......................................................................................................................................................... 8
   Trading workflow features ........................................................................................................................................... 11
   Information Network ...................................................................................................................................................... 12
   Go-to-Market Strategy ................................................................................................................................................. 14
   Monetization.................................................................................................................................................................... 14
5. The CoinAnalyst Token – COY .................................................................................................................................. 15
   Security und Data Protection ....................................................................................................................................... 17
6. Token versions .............................................................................................................................................................. 17
7. Roadmap ...................................................................................................................................................................... 18
8. Legal Note................................................................................................................................................................... 20
2. Introduction

Crypto currencies such as Bitcoin, Ethereum and Ripple have not only established themselves as means of payment in recent years but have also increasingly proved to be a highly attractive field for investments. However, the current situation on the cryptographic markets is characterized by illiquidity, enormous volatility and a serious asymmetry of information among the participants. But this makes the market very lucrative and attracts speculators. Tenfold returns in less than a year are not uncommon. But these gains are at the expense of the ill-informed users. The success in crypto markets is based on information advantages that few have over many.

This is the core problem: a lack of high quality, verifiable information. There is far too much noise in the relevant channels and far too little resilient facts. When you are in Telegram channels, slacks, subreddits and private forums you will find plenty of hype, insecurity and fears. This highly problematic dynamic opens crypto markets for fraudsters of all kinds. Small amounts of valuable information are often the key to unbelievable profits, so that for the ambitious trader or investor the comprehensive search for valuable information never ends.

This makes it even more urgent to provide investors with comprehensive information that makes it easier for them to stay in the jungle of crypto currencies and to make buying and selling decisions based on valid data and trend analyses.

This is where the CoinAnalyst application comes in. It provides a platform for intelligent data search and analysis for all crypto products. The time-consuming task of manually selecting and evaluating information is largely transformed into automated processes. With CoinAnalyst, we help traders to continuously gain experience about the opinions of traders and clients associated with each coin. Opportunities and risks are identified, enabling users to react promptly and proactively. The automatic monitoring of important points thus creates a higher level of security when it comes to moving in this new market. It is thus an important component for a professionalization of the crypto markets.

The value and benefits of CoinAnalyst correlate directly with the size of the crypto market. Based on current trends, it seems very likely that the market for information and data on crypto assets will explode. The stronger the growth here, the more valuable the features of CoinAnalyst become and the higher the probability that many people will use the offered service here. The information value of CoinAnalyst is growing in proportion to the number of users.
Company

CoinAnalyst is a spin-off of Cogia GmbH.

Cogia has more than seven years of experience in developing products for intelligent information search, organization and analysis. As a result of many years of cooperation with customers from all areas of the economy and the public sector as well as cooperation with scientific institutions such as Fraunhofer, an innovative product suite has been created that is flexibly tailored to project requirements. The focus is on the Cogia Web Observer, which has been in use for several years in various industries and will also be used for CoinAnalyst. The application collects texts from the web, including social networks, structures them according to topics and provides automatic analyses regarding the relevant discussions, the central keywords or conceptual contexts and the tonality or dominant emotional orientations.

Cogia has thus created a Big Data Analytics platform that uses procedures from the field of artificial intelligence (AI) to analyze large amounts of information and process it in an intuitively understandable way. At the end of 2017, Cogia received the STEP Award from F.A.Z.-Fachverlag for these innovative achievements as industry winner in the ICT sector.

Founders of CoinAnalyst

PASCAL LAURIA: Founder and CEO
20 years of experience in IT, sales, marketing, business development and serial entrepreneur. Pascal is our expert in Big Data and AI.

TOBIAS SCHNORR: Founder and CTO
14 years of experience in IT consulting, IT security, web design, programming and online marketing. Tobias is also a trader and cryptocurrency expert.

MARTIN KREITSCHMANN: Employee number 1 and Product Manager
7 years of experience in marketing and sales, business development, project/event management and employee responsibility.
3. **Application**

The platform collects all relevant information about coins, from all available sources, continuously and almost in real time. The basis for this is the Web Observer, a crawling and monitoring system developed and operated by Cogia GmbH. This has been successfully in use for several years at both small and large companies and organizations. CoinAnalyst is entitled to use the Web Observer software exclusively in the crypto market for an indefinite period based on a license agreement between CoinAnalyst and Cogia GmbH.

**Forums and Blogs**

Coin-specific forums are crawled and indexed (if there are no restrictions by forum operators). Using special parsing methods, all posts in these forums are extracted and stored separately, including identifiable metadata (date, author, thread, ratings...).

Coin blogs are integrated into the system via their feeds. If no feeds are available, blogs are treated like forums and the individual posts are extracted here.

**Social media sources**

Data and posts from social networks (e. g. Facebook, YouTube, Google Plus, Instagram, reddit, Telegram, etc.) and micro-blogging services (such as Twitter) are collected via the available APIs. It is also possible to include specific posts from dedicated accounts, such as https://twitter.com/whalecalls, for example. Here is published if large quantities of coin have been bought or sold. The application will include all social media channels, reddit pages and twitter accounts relevant for the crypto currency market, IDOs and coin analysis. The same applies to the numerous YouTube videos about trading coins and the current market situation; all comments on the videos are also recorded.

This makes it possible to identify how often individual posts have been “liked” and shared so that the average number of likes and shares can be determined. This makes it possible to identify highly relevant posts that deviate significantly from the average values here more quickly.

In addition, the system searches for hashtags with the respective coin names on twitter in order to detect mood changes or the best times for buying and selling in real time.

The posts in trading groups on telegram can also be included via an API.

**Permanent full-text storage**

All articles or posts are stored in the index of the system in full text and are available for subsequent evaluations. The system uses a content filter that only considers the user text for indexing. Ads or navigation menus are ignored. In addition, all the texts entered are stored in a repository that archives them as files. This means that the documents are
available for internal searches even if they are no longer available online. (Here, however, copyrights have to be considered.)

Optional: Indexing of print and audio/video

Optionally, print articles and audio/video streams from broadcasters can also be integrated into the system. Using a speech-to-text engine, the content of the streams can be converted into a text file and indexed in the system. (However, this service is subject to a fee, as both print, and audio/video license fees apply.)

Always better results through meta search

In order to discover new, previously unknown sources, a meta-search module is used, which uses keywords (such as the names of the coins) to query global search engines and integrates the returned results into the index after an automatic relevance check. The system has interfaces to Google, Bing, Weibo (China) and Yandex (Russia). If required, other search engines can be connected.

Multilingual

The system supports crawling and indexing in all global common languages (including Russian, Arabic, Japanese and Chinese). This enables the platform to receive important announcements even before the English news sites report on it, such as the ban on IDOs in China, which had a significant impact on the Bitcoin price. Messages in "foreign" languages are automatically translated into English.

Near real-time

The system works almost in real-time. Depending on the type of sources, the time windows for data acquisition and analysis vary slightly.

Making all voices visible

The platform uses its crawling system in the background to exploit the so-called intelligence of the crowd. The vast expanses of the Internet conceal innumerable pieces of information from countless users, which are quite substantial but difficult to research and process by individuals. Through our crawling system, we can collect and consolidate all this information so that users receive important information that would otherwise have passed them by.
4. Platform

**CoinAnalyst** provides the collected data and analyses on a structured platform. This establishes a single point of contact for traders to give them the information advantage they need to maximize profits and minimize risk. The platform offers exclusive analyses, crypto-related data feeds and a constantly updated database for all crypto currencies.

This provides a portal that is comparable to coinmarketcap.com and lists all traded coins. If you click on a coin, however, you get much more information. Essentially, these components are offered:

- The market data is processed individually according to coins.
- For each coin there is a status quo analysis and a trend analysis.
- A historical analysis can be used to compare current market behavior with previous KPIs.
- A relevance analysis identifies highly relevant news and posts.

All documents and data are classified by subject and/or coin name. There is therefore a central subpage for each coin, which presents all information and data relevant to traders.

**Sentiment detection**

The analysis will focus on the mood, which is currently the driving force in the crypto markets. All documents/postings are classified according to their sentiment by a machine-learning algorithm: negative, positive or neutral. This classification shows the authors' attitude towards certain coins. Sentiment analysis is language-dependent. The following languages are currently supported: German, English, French, Italian, Spanish, Portuguese, Arabic, Russian, Portuguese. Other languages can be implemented as required.

For each coin, the trader behavior and the corresponding mood is shown from sources such as news, blogs, forums, other social media and Telegram trading groups. Under each coin the behavior and sentiment are graphically displayed.

The time period for analyzing the trader's behavior and sentiment can be chosen by the user. It is possible to set the rolling period to the last hours. On the timeline it is then possible to analyze, for example, how the sentiment changes with regard to certain coins and depending on certain events.

**Trading tips**

Trading tips are also displayed for each coin, based on the news data and our AI. The analysis takes into account whether a buy or sell is advised via a forecast.
Additional Functions

For individual and extensive research CoinAnalyst offers several other features. These allow diverse analyses of posts, news, mentions in the internet.

Overview

The handy overview page helps you get a quick recap of the main attributes from your cryptocurrency list

<table>
<thead>
<tr>
<th>NAME</th>
<th>PRICE</th>
<th>TH</th>
<th>24h</th>
<th>7D</th>
<th>MARKET CAP</th>
<th>RISE/</th>
<th>TH</th>
<th>24h</th>
<th>7D</th>
<th>SENTIMENT TH</th>
<th>SENTIMENT 24h</th>
<th>SENTIMENT 7D</th>
<th>ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binance</td>
<td>$250.45</td>
<td>+12.03%</td>
<td>+107.52%</td>
<td>-2.24%</td>
<td>$31,286,058,150.62</td>
<td>123764</td>
<td>-1.95%</td>
<td>-14.5%</td>
<td>-10.23%</td>
<td>+16.42%</td>
<td>+11.77%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETH</td>
<td>$246.44</td>
<td>+1.59%</td>
<td>+1.74%</td>
<td>-30.23%</td>
<td>$857,585,973.82</td>
<td>19487</td>
<td>-1.35%</td>
<td>-10.07%</td>
<td>-16.79%</td>
<td>-10.08%</td>
<td>+1.17%</td>
<td>+4.77%</td>
<td></td>
</tr>
<tr>
<td>Tezos</td>
<td>$0.0096</td>
<td>+0.0024%</td>
<td>0.0024%</td>
<td>-0.0024%</td>
<td>$1.00,191,388,077</td>
<td>22999</td>
<td>-42.03%</td>
<td>-10.9%</td>
<td>-9.08%</td>
<td>-10.08%</td>
<td>-11.4%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ripple</td>
<td>$0.2295</td>
<td>+0.61%</td>
<td>+0.61%</td>
<td>-18.55%</td>
<td>$167,657,731,578</td>
<td>20151</td>
<td>+5.07%</td>
<td>+32.02%</td>
<td>-32.02%</td>
<td>+1.25%</td>
<td>+5.25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dogecoin</td>
<td>$1.17</td>
<td>+0.82%</td>
<td>+0.82%</td>
<td>-22.8%</td>
<td>$4,076,076,000.80</td>
<td>4619</td>
<td>-15.88%</td>
<td>-26.17%</td>
<td>+50.02%</td>
<td>+50.02%</td>
<td>+15.25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bitcoin Cash</td>
<td>$229.08</td>
<td>+0.81%</td>
<td>+0.81%</td>
<td>-37.8%</td>
<td>$3,185,000,000.00</td>
<td>2710</td>
<td>-10.06%</td>
<td>-19.99%</td>
<td>+50.02%</td>
<td>+50.02%</td>
<td>+15.25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Binance Coin</td>
<td>$23.36</td>
<td>+0.26%</td>
<td>+0.26%</td>
<td>-0.67%</td>
<td>$3,362,000,000.00</td>
<td>5057</td>
<td>-5.08%</td>
<td>-22.19%</td>
<td>+22.19%</td>
<td>+22.19%</td>
<td>+5.08%</td>
<td>+10.00%</td>
<td></td>
</tr>
<tr>
<td>Ripple XRP</td>
<td>$0.70</td>
<td>+0.99%</td>
<td>+0.99%</td>
<td>-5.91%</td>
<td>$1,763,000,139.12</td>
<td>2805</td>
<td>-6.67%</td>
<td>+22.9%</td>
<td>-22.9%</td>
<td>+22.9%</td>
<td>+22.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Litecoin</td>
<td>$87.85</td>
<td>+0.71%</td>
<td>+0.71%</td>
<td>-0.20%</td>
<td>$2,122,194,985.02</td>
<td>79484</td>
<td>-3.52%</td>
<td>-5.98%</td>
<td>-5.98%</td>
<td>-5.98%</td>
<td>-1.35%</td>
<td>-2.8%</td>
<td></td>
</tr>
<tr>
<td>Cardano</td>
<td>$0.06</td>
<td>+1.24%</td>
<td>+0.69%</td>
<td>-23.9%</td>
<td>$2,076,706,901.00</td>
<td>4352</td>
<td>-5.32%</td>
<td>-21.63%</td>
<td>+5.32%</td>
<td>+5.32%</td>
<td>+5.32%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Trend

This feature shows the correlation between the cryptocurrency price and the number of references to the currency on the web
**Sentiment**

It shows the correlation between price of the cryptocurrency and sentiment of references on the web.

Here you can understand how much positive, negative or neutral news there is about the cryptocurrency.

**Influencer**

Displays the topics that are currently being discussed. With just one click the posts/documents summarized by a specific cluster are displayed.
**Word Signals**

It shows how often words in the documents are used next to the currency name.

**Forecast**

Our AI based forecast provides an accuracy of up to 70% on how the currency will move within the next 6-12 hours.
Trading workflow features

For the individual trading workflow, the platform offers these features:

Alerts
With a subscription, the user can mark the coins relevant to him/her. The user then receives all messages for the corresponding coin via Telegram or e-mail via the alert function.

Breaking News
The platform offers an area that highlights Breaking News – news that can have a major impact on the Bitcoin and Altcoin markets, these news will be pushed immediately by Telegram or e-mail to subscribers.

Relevance Learning
The algorithm tracks continuously if and how every indexed news affects the course of the referenced coins. If a correlation is detected, the algorithm in the background can be optimized by machine learning methods to determine the relevance of news.

Calendar
Events like exchange listings, publications and updates of coins and their projects have proven to influence the course. For this we will collect events from platforms like coincalendar.com and provide them for the corresponding coins.

Training
A special section of the platform is dedicated to helping beginners in trading and in using CoinAnalyst as successful as possible. Additionally, external sources that are particularly well suited as an introduction in crypto trading are listed here, such as reddit.com/r/CryptoCurrency/comments/710du7/knowing_when_to_sell.

Credibility check:
There is a special area for subscribers that provides information on the seriousness of IDOs. Here all relevant news is summarized and provided with a credibility score. Especially the large reddit groups contain a lot of information about IDOs. They can be monitored, and corresponding warnings can not only be displayed directly underneath a coin but can also be pushed directly to the subscribers via an alert.

Value of my coins
For subscribers, there is a personalized area where you can enter which coin was bought or sold at which price. From the larger trading platforms, this information can be pulled
automatically via an API, so that users no longer have to make separate entries here. It is also noted how many percent the coins have fallen or risen since then.

Integration with trading platforms

In a future milestone, the indicators provided by the platform can be integrated directly into trading platforms used by subscribers. Particularly interesting here is www.coinigy.com, as it combines all trading platforms and already offers a plug-in interface.

Mobile-ready

All information is also available on mobile devices – initially via the responsive mobile web app, later also via native apps for Android and iOS.

Information Network

CoinAnalyst datafeeds offer crypto traders two powerful advantages:

- You save traders and investors time by receiving all information in one place.
- They provide insights that are otherwise unattainable for almost all dealers.

Three customer areas in particular will benefit from CoinAnalyst:

- Professional crypto traders and investors such as hedge funds and “whales”
- Crypto traders and investors who are newcomers
- Intermediaries for data providers such as stock exchange and asset management platforms

Most traders and investors are looking for a head start in information and are willing to pay for this head start. This is the reason for the size of the market for traditional financial data - it amounts to several hundred billion dollars. CoinAnalyst meets this need for an information advantage in the area of crypto currencies.

Newcomer

Newcomers in crypto trading are uncertain as to how, where and why they should buy and sell. They are thus always in danger of losing money by selling bottoms and buying tops. The extreme volatility of the crypto market exposes them to an extreme risk. They find it difficult to detect and analyze patterns in market fluctuations and are thus susceptible to hypes. Yes, they're literally drowning in the flood of information piling up on them. They are extremely afraid of making decisions. They always want to know exactly
whether they are making the "right" decisions. But the counselors here, who appear immediately in mass, are usually false friends.

The first task of CoinAnalyst is to help these newcomers identify their own trading patterns and assess them in relation to actual market behavior so that they can optimize them. The second task is to provide them with clear and actionable indicators for future trends. Finally, the third task is to show them the relevant moods and data so that they can make precise trading and investment decisions without fear.

Professional crypto traders

Newcomers will of course also be interested in such information, but it is very likely that the most valuable information will be bought quickly and for large sums by professional crypto traders and investors. This group can be divided into "whales" and funds:

- “Whales” are early crypt investors who have built their fortunes on the increase in crypt assets. They know better than most that cryptographic markets are dominated by mass moods and information asymmetries and are therefore willing to pay for valuable information.

- Hedge funds, family offices are the second largest market segment, as they are becoming increasingly active in this area. They know the value of an information advantage, so buying information, mood statistics, insights and more datafeeds will be the rule rather than the exception.

Stock exchanges and asset management platforms

There is another market addressed by CoinAnalyst: Stock/Crypto exchanges and asset management platforms. They usually want to offer their customers added value but may not have the expertise and resources to run data sales services themselves. This is where CoinAnalyst comes in by offering these platforms a ready-to-use integration package that enables them to deliver information directly to their customers without difficulty.

An interesting addressee of this integration package are also swap exchanges, such as digital currency exchange systems such as Poloniex, Bittrex, Kraken, Bithumb, Bitfinex and many others. This includes traditional stock exchanges entering the digital currency market, such as eToro with 6 million traders. Asset management platforms such as IDOnomi, Melonport and Prism are also increasingly positioning themselves in this market. These platforms can integrate CoinAnalyst into their services and offer their customers enormous added value.
Go-to-Market Strategy

Newcomers in crypto trading usually have neither the skills nor the information to make safe decisions. Our marketing strategy is therefore to create a bundle of content streams and data feeds and deliver them directly to users via integration into established stock exchange and asset management platforms. This way we can address our target market directly.

These content streams and datafeeds will also be available on a mobile app, so that market trends can be viewed and analyzed anytime, anywhere.

Over time, CoinAnalyst will continue to offer more and more content streams and datafeeds, so that the value and benefits of the service continue to grow. Dealers using CoinAnalyst will be thrilled because they know that there is hardly an alternative: how else can you secure your information advantage?

CoinAnalyst will invest a lot of resources in expanding the streams and feeds at an early stage of the project in order to gain as much market share as possible.

Monetization

The monetization strategy of CoinAnalyst has two sides. In the short to medium term, CoinAnalyst will deliver editorially managed content and several selected data feeds. This service will be available for a fee payable with our token internally first until we provide the payment service also externally.

Active traders willingly pay large sums of money for information on a monthly basis if they believe that this information provides them with a comparable level of trade advantage. Since the value of data can be precisely quantified here, even extremely high subscription fees do not really matter if the ROI is right.

Among the crypto traders, newcomers are the fastest growing segment. They are also the most disadvantaged because they lack sufficient knowledge, so CoinAnalyst’s service is of the greatest benefit to them. Experienced crypto traders and investors, on the other hand, are always on the hunt for token sales and information, so you can expect them to quickly find CoinAnalyst. Newcomers will find it more difficult to find CoinAnalyst. Therefore, this group will be in the focus of the customer acquisition strategy.

For the entry into trading there will be a package for 20 € per month, payable in COY tokens. A package for advanced traders is offered for 100 € per month, also to pay with COY tokens. The base package will have a limited number of crypto currencies and IDOs that can be monitored. We also offer a corporate package tailored to the specific needs of companies. We reserve the right to adjust prices according to market conditions.

In addition to the subscription services, CoinAnalyst will auction certain services only via our tokens. These services will include raw data, mood datafeeds and other exclusive content whose value will decrease as more users have access to it.
5. The Coin Analyst Token – COY

We create an ERC20 utility token with the short name “COY”, which allows the use of crypto services within the Coin Analyst ecosystem.

Using the COYs within the Coin Analyst ecosystem will provide additional benefits for the users – and network benefits to further stimulate Coin Analyst’s growth.

Value and strategy

Our users will be required to purchase all used crypto services within the Coin Analyst ecosystem using COY, BTC, ETH or FIAT. Purchases made using COY token will provide a 20% discount rate on all Coin Analyst products and services. Our token has a built-in deflation mechanism as suggested by Vitalik Buterin (https://vitalik.ca/general/2017/10/17/moe.html). Once a Coin Analyst token has been used for a purchase within the Coin Analyst ecosystem, we will collect his Coin Analyst tokens and burn a certain percentage of these tokens to support the future value of the tokens. Coin Analyst will inform about the current burn rate on its website. Additionally, we will support the tokens’ value by repurchasing tokens (buyback) with 50% of Coin Analyst’s profits which will be burned as well until we reach 100,000,000 COY in supply. In other words, a percentage of the Coin Analyst crypto service fees will automatically be removed from the pool of available COYs by every single purchase. Below the line, this will support the future value of the Coin Analyst token.

So, eventually, our user growth will drive an increasing demand for Coin Analyst tokens on the one hand and, at the same time, a decreasing supply of Coin Analyst tokens on the other hand. Hence, the value of the Coin Analyst token depends, among other factors, on our future user growth.

It should be stated however, that the value of the COY will be driven by market supply and demand and will not be derived directly from Coin Analyst’s activities. Please note that purchase of COY does not constitute a repayment claim or a guarantee of an increase in value. The Coin Analyst token will grant rights of access to crypto services only within the Coin Analyst ecosystem. Any other motivation associated with acquiring or holding a COY is beyond Coin Analyst’s control.

The COY is used exclusively for the use of the Coin Analyst services. The flow of COYs is illustrated below.
A prospect can purchase CoinAnalyst tokens. He can then use his COY to become a CoinAnalyst user and benefit from its product offerings and acquire CoinAnalyst services.

Benefits of COY usage for users and within the ecosystem

COY will be used by the CoinAnalyst ecosystem users to purchase the CoinAnalyst’s services.

Since the exchange rate of COY will be measured in fiat and cryptocurrencies may fluctuate over time and thus the value of the CoinAnalyst tokens varies, it would be unattractive for new users to keep the price for the crypto services as denominated in COY flat, because then new CoinAnalyst users might have to pay a much higher price for their consumed crypto services than early adopters who have joined the CoinAnalyst ecosystem right from the beginning.

As a traded entity, the price of COY underlies steady fluctuations compared with the Euro, Dollar or other so-called fiat currencies. Thus, it would be unattractive for users of CoinAnalyst if the price for our service would be always fixed at the same COY price. Prices converted in Euro for example could quickly grow significantly, e.g. by 500%. Therefore, CoinAnalyst will adjust the price of crypto services as denominated in COY to keep the service fee denominated in Euro stable thus keeping the purchasing power of the CoinAnalyst token within the CoinAnalyst ecosystem approximately constant over time. Therefore, there may be fluctuations on the amount of COY to be used to pay our services.

This means, that, for example, if you will have to pay 2,000 COY for a respective crypto service within the CoinAnalyst ecosystem after the ITS closing, you might have to pay only 1,000 COY a few months later if the value of the CoinAnalyst token had doubled.

COY price variations

It is important to understand that the price of COY may vary over time, based on different factors, of which the most prominent ones are listed below:

- change in demand for CoinAnalyst’s crypto services,
- burn rate and fee adjustments,
- change in competitive landscape,
- speculative COY demand,
- supply by token holders willing to sell COY,
- EUR/ETH exchange rate, and
- the cost of gas within the Ethereum network.
Token issuance

CoinAnalyst is based on the Web Observer, a crawling and monitoring system developed and operated by Cogia GmbH. Cogia is one of the leading providers of media monitoring technologies as well as AI-based and patented semantic solutions in the field of “Big Data Analytics”, which are in use successfully for several years. To adapt the system further to the specific needs of our target groups regarding its analytic capabilities and user experience and to achieve significant user growth through targeted performance marketing, substantial additional investments are required.

Issuing COY allows CoinAnalyst to be backed by participants from all over the world – to the extend legally allowed -, who will have access to COY right after its creation and can help to spread the word of CoinAnalyst's new crypto services to facilitate user growth and create additional value for the CoinAnalyst token.

CoinAnalyst will allow everyone worldwide (subject to legal restrictions in some countries) to profit from the massive future potentials of the crypto-market and the expanding need for reliable information here.

How to buy COYs

The CoinAnalyst token can be bought with Bitcoin and Ethereum as well as with fiat. The exact procedure of how to buy COYs is available on our Website (www.coinanalyst.tech/en/latoken-ieo/) and in our social media channels. In addition, independent trading platforms can autonomously decide to allow COY trading. However, in such a case CoinAnalyst cannot guarantee that such trading platforms meet the regulatory requirements of the respective jurisdiction.

Proceeds allocation

The funds raised will be used as follows:

- Marketing 50%
- Technology 30%
- Legal & Admin 5%
- paid content (TV, print, ePapers) 5%
- Crypto & Exchange Costs 10%
6. Roadmap

**CoinAnalyst Signals**

We will be providing Trading Signals combining proven algorithmic strategies, AI technology and the expertise of our traders to allow users to take advantage of market opportunities and volatility.

Completion: end of Q3 2020

**CoinAnalyst CopyTrading**

This service will allow you to get automated signal execution following our best traders at CoinAnalyst combining our ai technology, sentiment and proven Algorithmic trading strategies.

Completion: Q4 2020

**iOS- and Android-based app**

As mobile applications increasingly dominate the online world, we will develop both an iOS and Android app to provide crypto-based messages, a simple dashboard and alerts. The app can be subscribed to, subscription fees are calculated monthly.

Completion: end of Q1 2021

**CoinAnalyst Hedge**

We will be developing a platform with algorithmic trading strategies and ai technology for institutional type investors and Professional traders

Completion: Q1 2021

**Blockchain-based datafeeds and analyses**

Another important type of datafeeds are blockchain-based datafeeds. The blockchain is an open and transparent network. By observing certain parameters, you can obtain signals from the network in real time. However, while some private hedge funds are already using blockchain-based data feeds and analyses, publicly available tools for this service still have to penetrate the market. Through the partnership with large blockchain scanners and, if necessary, proprietary developments, CoinAnalyst will create datafeeds and analyses so that users can monitor activities in multiple networks in parallel. You can view transaction volumes, "whale" addresses, transaction frequencies and much more. Within a year, such blockchain-based datafeeds should be available so that traders and investors can objectively quantify and evaluate the growth of these networks.

Completion: Q2 2021
**Artificial Intelligence for deeper market analysis and insights**

We will extend to the top 100 coins the algorithms that underpin our applications to a deep-learning-based neural networks designed to process market and social media data together. This enables the complex analysis of cryptocurrencies and IDOs, including specific exchange characteristics, different time periods and indirect factors.

Completion: Q3 2021

**CoinAnalyst Revolutionary Wallet**

We will be developing a wallet integrated with Socializer Messanger that allows you to exchange cryptocurrencies without the need of an address, operate with our signals and use Stop-Loss 2.0

Completion: Q1 2022

**Stop-Loss 2.0 – Blockchain-based token**

At a later stage, we will enhance and update the token. With the updated token, you can invest intelligently. Here, we will be able to link our clients' portfolio data with selected exchanges and implement a new, revolutionary stop-loss function. This stop-loss function 2.0 will be executed by the token itself, based on relevant news and fluctuation margins set by our AI.

Users can add their API keys from exchanges, receive and filter bot signals directly in this token, and perform a stop-loss action through automated set signals. Based on this the CoinAnalyst system sells crypto currencies and lists them again. API keys are stored only on the user's devices, making the application very secure.

Completion: Q2 2022
7. **Legal Note**

PLEASE READ THE FOLLOWING SECTIONS CAREFULLY.

Any agreement as between coin analyst UG (haftungsbeschränkt) and you as a Participant, and in relation to any sale and purchase of COY (as referred to in this Whitepaper) is to be governed by only a separate document, the Sale T&C, setting out the applicable terms & conditions. In the event of any inconsistencies between any of these T&Cs and this Whitepaper, the former shall prevail.

No part of this Whitepaper is to be reproduced, distributed or disseminated without including this section and the following sections entitled “Legal Nature of COY and of this Whitepaper”, “Disclaimer of Liability”, “No Representations and Warranties”, “Cautionary Note On Forward-Looking Statements”, “Market and Industry Information and No Consent of Other Persons”, “Terms Used”, “No Advice”, “No Further Information or Update”, “Restrictions On Distribution and Dissemination”, “No Offer of Securities or Registration” and “Risks and Uncertainties”.

**LEGAL NATURE OF COY AND OF THIS WHITEPAPER**

COY are not intended to constitute securities or any other form of capital investment product in any jurisdiction. They do not grant any rights in any company, dividends, payment of any interest, profit participation or any other remuneration for the provision of capital. They only represent the claim for performance of the Participant (and its successor) against coin analyst UG (haftungsbeschränkt) in relation to services offered from time to time by coin analyst UG (haftungsbeschränkt) against COY. The purchase of COY represents the prepayment (advance) of such services.

COY cannot be cashed in at coin analyst UG (haftungsbeschränkt) and coin analyst UG (haftungsbeschränkt) is not obliged to redeem any COY against cash.

This Whitepaper does not constitute a prospectus or offer document of any sort. It is not intended to constitute an offer for sale of, nor an invitation for an offer to purchase or subscribe for, COY in general and securities or any other form of capital investment product in particular. This Whitepaper is also not intended to constitute a solicitation for investment in securities or any other form of capital investment product in any jurisdiction.

This Whitepaper This white paper is based on German law. CoinAnalyst has examined exclusively the compatibility with German law. Therefore, please note that sales will only take place in Germany.

**DISCLAIMER OF LIABILITY**

To the maximum extent permitted by the applicable laws, regulations and rules, coin analyst UG (haftungsbeschränkt) shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance on this Whitepaper or any part thereof.
NO REPRESENTATIONS AND WARRANTIES

coin analyst UG (haftungsbeschränkt) does not make or purport to make, and hereby disclaims, any representation, warranty or undertaking in any form whatsoever to any entity or person, including any representation, warranty or undertaking in relation to the truth, accuracy and completeness of any of the information set out in this Whitepaper. The only binding documents are the Sale T&C.

CAUTIONARY NOTE ON FORWARD-LOOKING STATEMENTS

The statements contained in this Whitepaper may include statements of future expectations and other forward-looking statements that are based on management's current views and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in such statements. Some of these statements can be identified by forward-looking terms such as “aim”, “target”, “anticipate”, “believe”, “could”, “estimate”, “expect”, “if”, “intend”, “may”, “plan”, “possible”, “probable”, “project”, “should”, “would”, “will” or other similar terms. However, these terms are not the exclusive means of identifying forward-looking statements. All statements regarding coin analyst UG (haftungsbeschränkt)'s financial position, business strategies, plans and prospects and the future prospects of the industry which coin analyst UG (haftungsbeschränkt) is in are forward-looking statements. These forward-looking statements, including but not limited to statements as to coin analyst UG (haftungsbeschränkt)'s revenue and profitability, prospects, future plans, other expected industry trends and other matters discussed in this Whitepaper regarding coin analyst UG (haftungsbeschränkt) are matters that are not historic facts, but only predictions. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual future results, performance or achievements of coin analyst UG (haftungsbeschränkt) to be materially different from any future results, performance or achievements expected, expressed or implied by such forward-looking statements. These factors include, amongst others:

a. changes in political, social, economic and stock or cryptocurrency market conditions, and the regulatory environment in the countries in which coin analyst UG (haftungsbeschränkt) conducts its businesses and operations;

b. the risk that coin analyst UG (haftungsbeschränkt) may be unable or execute or implement their respective business strategies and future plans;

c. changes in interest rates and exchange rates of fiat currencies and cryptocurrencies;

d. changes in the anticipated growth strategies and expected internal growth of coin analyst UG (haftungsbeschränkt);

e. changes in the availability and fees payable to coin analyst UG (haftungsbeschränkt) in connection with its businesses and operations;

f. changes in the availability and salaries of employees who are required by coin analyst UG (haftungsbeschränkt) to operate its businesses and operations;

g. changes in preferences of customers of coin analyst UG (haftungsbeschränkt);
h. changes in competitive conditions under which coin analyst UG (haftungsbeschränkt) operate, and the ability of coin analyst UG (haftungsbeschränkt) to compete under such conditions;

i. changes in the future capital needs of coin analyst UG (haftungsbeschränkt) and the availability of financing and capital to fund such needs;

j. war or acts of international or domestic terrorism;

k. occurrences of catastrophic events, natural disasters and acts of God that affect the businesses and/or operations of coin analyst UG (haftungsbeschränkt);

l. other factors beyond the control of coin analyst UG (haftungsbeschränkt); and

m. any risk and uncertainties associated with coin analyst UG (haftungsbeschränkt) and their businesses and operations, the COY and the IEO (each as referred to in the Whitepaper).

All forward-looking statements made by or attributable to coin analyst UG (haftungsbeschränkt) or persons acting on behalf of coin analyst UG (haftungsbeschränkt) are expressly qualified in their entirety by such factors. Given that risks and uncertainties that may cause the actual future results, performance or achievements of coin analyst UG (haftungsbeschränkt) to be materially different from that expected, expressed or implied by the forward-looking statements in this Whitepaper, undue reliance must not be placed on these statements. These forward-looking statements are applicable only as of the date of this Whitepaper.

Neither coin analyst UG (haftungsbeschränkt) nor any other person represents, warrants and/or undertakes that the actual future results, performance or achievements of coin analyst UG (haftungsbeschränkt) will be as discussed in those forward-looking statements. The actual results, performance or achievements of coin analyst UG (haftungsbeschränkt) may differ materially from those anticipated in these forward-looking statements.

Nothing contained in this Whitepaper is or may be relied upon as a promise, representation or undertaking as to the future performance or policies of coin analyst UG (haftungsbeschränkt).

Further, coin analyst UG (haftungsbeschränkt) disclaims any responsibility to update any of those forward-looking statements or publicly announce any revisions to those forward-looking statements to reflect future developments, events or circumstances, even if new information becomes available or other events occur in the future.

The same applies to statements made in press releases or in any place accessible by the public and oral statements that may be made by coin analyst UG (haftungsbeschränkt) or its directors, executive officers or employees acting on behalf of coin analyst UG (haftungsbeschränkt).

MARKET AND INDUSTRY INFORMATION AND NO CONSENT OF OTHER PERSONS
This Whitepaper includes market and industry information and forecasts that have been obtained from internal surveys, reports and studies, where appropriate, as well as market research, publicly available information and industry publications. Such surveys, reports, studies, market research, publicly available information and publications generally state that the information that they contain has been obtained from sources believed to be reliable, but there can be no assurance as to the accuracy or completeness of such included information.

Save for coin analyst UG (haftungsbeschränkt) and its directors, executive officers and employees, no person has provided his or her consent to the inclusion of his or her name and/or other information attributed or perceived to be attributed to such person in connection therewith in this Whitepaper and no representation, warranty or undertaking is or purported to be provided as to the accuracy or completeness of such information by such person and such persons shall not be obliged to provide any updates on the same.

While coin analyst UG (haftungsbeschränkt) has taken reasonable actions to ensure that the information is extracted accurately and in its proper context, coin analyst UG (haftungsbeschränkt) has not conducted any independent review of the information extracted from third party sources, verified the accuracy or completeness of such information or ascertained the underlying economic assumptions relied upon therein. Consequently, neither coin analyst UG (haftungsbeschränkt) nor its directors, executive officers and employees acting on their behalf makes any representation or warranty as to the accuracy or completeness of such information and shall not be obliged to provide any updates on the same.

TERMS USED

To facilitate a better understanding of the COY being offered for purchase by coin analyst UG (haftungsbeschränkt), and the businesses and operations of coin analyst UG (haftungsbeschränkt), certain technical terms and abbreviations, as well as, in certain instances, their descriptions, have been used in this Whitepaper. These descriptions and assigned meanings should not be treated as being definitive of their meanings and may not correspond to standard industry meanings or usage.

Words importing the singular shall, where applicable, include the plural and vice versa and words importing the masculine gender shall, where applicable, include the feminine and neuter genders and vice versa. References to persons shall include corporations.

NO ADVICE

This Whitepaper does not constitute or form part of any opinion on any advice to sell, or any solicitation of any offer by coin analyst UG (haftungsbeschränkt) to purchase any COY nor shall it or any part of it nor the fact of its presentation form the basis of, or be relied upon in connection with, any contract or investment decision.

No information in this Whitepaper should be considered to be business, legal, financial or tax advice regarding coin analyst UG (haftungsbeschränkt), the COY and the IEO (each as referred to in the Whitepaper). Each potential Participant should consult its own legal, financial, tax or other professional adviser regarding coin analyst UG
(haftungsbeschränkt) and its businesses and operations, the COY and the IEO (each as referred to in the Whitepaper). You should be aware that you may be required to bear the financial risk of any purchase of COY for an indefinite period of time.

NO FURTHER INFORMATION OR UPDATE

No person has been or is authorized to give any information or representation not contained in this Whitepaper in connection with coin analyst UG (haftungsbeschränkt) and its businesses and operations, the COY and the IEO (each as referred to in the Whitepaper) and, if given, such information or representation must not be relied upon as having been authorized by or on behalf of coin analyst UG (haftungsbeschränkt). The IEO (as referred to in the Whitepaper) shall not, under any circumstances, constitute a continuing representation or create any suggestion or implication that there has been no change, or development reasonably likely to involve a material change in the affairs, conditions and prospects of coin analyst UG (haftungsbeschränkt) or in any statement of fact or information contained in this Whitepaper since the date hereof.

RESTRICTIONS ON DISTRIBUTION AND DISSEMINATION

The distribution or dissemination of this Whitepaper or any part thereof may be prohibited or restricted by the laws, regulatory requirements and rules of any jurisdiction. In the case where any restriction applies, everybody has to inform oneself about, and to observe, any restrictions which are applicable to the possession of this Whitepaper or such part thereof (as the case may be) at one’s own expense and without liability to coin analyst UG (haftungsbeschränkt).

Persons to whom a copy of this Whitepaper has been distributed or disseminated, provided access to or who otherwise have the Whitepaper in their possession shall not circulate it to any other persons, reproduce or otherwise distribute this Whitepaper or any information contained herein for any purpose whatsoever nor permit or cause the same to occur.

NO OFFER OF SECURITIES OR REGISTRATION

This Whitepaper does not constitute a prospectus or any other form of capital investment product or offer document of any sort and is not intended to constitute an offer of securities or any other form of capital investment product or a solicitation for investment in securities or any other form of capital investment product in any jurisdiction. No person is bound to enter into any contract or binding legal commitment and no cryptocurrency or other form of payment is to be accepted on the basis of this Whitepaper. Any agreement in relation to any sale and purchase of COY (as referred to in this Whitepaper) is to be governed by only the Sale T&C of such agreement and no other document. In the event of any inconsistencies between the Sale T&C and this Whitepaper, the former shall prevail.

Persons are not eligible and are not to purchase any COY in the IEO (as referred to in this Whitepaper) if they are citizens, residents (tax or otherwise) or green card holders of the United States of America, People’s Republic of China or a citizen or resident of the Republic of Singapore, Socialist Republic of Vietnam or resident of a country where
American embargoes and sanctions are in force, namely Iran, North Korea, Syria, Sudan, or Cuba or any other geographic area in which the purchase of COY is prohibited by applicable law, decree, regulation, treaty, or administrative act.

This Whitepaper has not been filed with or approved by any regulatory authority. No regulatory authority has examined or approved of any of the information set out in this Whitepaper, nor was such examination or approval sought. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction. The publication, distribution or dissemination of this Whitepaper does not imply that the applicable laws, regulatory requirements or rules have been complied with.

**RISKS AND UNCERTAINTIES**

The purchase of COY is associated with significant risks and may lead to the loss of the contributed amount. There is no income, earning or return related to COY. The tradability of COY is unclear and might be very limited.

coin analyst UG (haftungsbeschränkt) and its businesses and operations, the COY and the IEO (each as referred to in this Whitepaper) are subject to risks and uncertainties. In particular, economic and political/regulatory risks may influence the COY and the further business of coin analyst UG (haftungsbeschränkt) and the usage of COY (up to the non-tradability and worthlessness).

Prospective Participants of COY (as referred to in this Whitepaper) should carefully consider and evaluate all risks and uncertainties associated with coin analyst UG (haftungsbeschränkt) and its businesses and operations, the COY and the IEO (each as referred to in the Whitepaper), all information set out in this Whitepaper and the Sale T&Cs prior to any purchase of COY. Accordingly, prospective Participants are strongly advised to read in particular the section “Risk Factors” in the Sale T&C. If any of such risks and uncertainties develops into actual events, the business, financial condition, results of operations and prospects of coin analyst UG (haftungsbeschränkt) could be materially and adversely affected. In such cases, Participants may lose all or part of the value of the COY.

**IF YOU ARE IN ANY DOUBT AS TO THE ACTION YOU SHOULD TAKE, YOU SHOULD CONSULT YOUR LEGAL, FINANCIAL, TAX OR OTHER PROFESSIONAL ADVISOR(S).**