



THRIVE

THE PREMIUM DECENTRALIZED AD MARKETPLACE

THRIVE WHITEPAPER

V9.0

BUILD A BETTER INTERNET
Let's Start This Journey. Together

ico.thrivelabs.io

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EXECUTIVE SUMMARY

In recent months, there has been growing concern among advertisers over brand safety and a call for transparency in terms of exactly what kind of content their ads will appear next to.

This is driving a shift in thinking about digital advertising.

“There is not one definitive way to address the issues surrounding brand safety and transparency” says Simon Stone, commercial director, Collective.

Recent incidents when brands have appeared in context and next to inappropriate, distressing, damaging content has swung the pendulum back towards the research for premium placement.

Companies do not control if their advertisement will appear in a well-known premium title.

For brands that want to appear next to several premium placements in one go, there is not really a quick-and-easy way of doing so since today’s marketplace is not geared up to this way of working.

What advertisers need is something that has been talked about quite a lot before, but never fully realized – **A PREMIUM DECENTRALIZED AD MARKETPLACE.**

As of today, several attempts to achieve this utopian ideal have failed. The establishment of clear ground rules and strict membership criteria to ensure all publishers pass the premium and transparency test were led by giant ad networks trying to push their own agenda and personal interests.

But over the last few years, Blockchain has emerged as a potentially disruptive technology based on the concept of a decentralized and distributed consensus ledger. Thrive is strongly convinced that this new paradigm will be the enabler that defines the future of digital marketing.

Thrive Labs ambition statement is to “build a better internet”, together.

Thrive’s ultimate goal is to establish the first meritocratic & community based Premium Advertising Market Place, where all participants become strong contributors in defining clear publisher interests, commercial benefits and self-

reinforcing processes to make joining the group a no-brainer.

Thrive believes the community is the backbone of its business model, therefore all main actors who are actively contributing to the Ad Market Place development such as **Consumers, Reviewers, Advertisers and Publishers are eligible to improve their economic performance.**

This game changing concept in the digital advertising industry is strictly regulated by a Transparent and Meritocratic reward model ensuring the full reserve token re-distribution upon the ramp-up phase gets accomplished.

Thrive Labs is a Weboom LTD company, the #4 value-added services merchant in Italy with a vast array of experience in the digital advertising domain.

In 2015, Weboom LTD was mentioned among the AdWords top 10 spenders in digital advertising making its first appearance in the digital advertising industry.

The experience gained in running high margin, online and web-based marketing services across 9 international markets over the past years guarantees solid foundations and the right mix of business skills to make Thrive a success.

OTHERS TAKE YOUR DATA FOR FREE. THRIVE PAYS YOU

OUR PUBLISHERS RECEIVE MONEY GUARANTEED.

FASTEST PAYMENT IN THE INDUSTRY.

NOBODY KNOWS HOW MUCH AD NETWORKS CHARGE YOU.

THRIVE OFFERS LOWEST AD FEES EVER.

**PROTECT YOUR BRAND, INCREASE YOUR CONVERSION AND GET PREMIUM
PLACEMENT FOR YOUR AD.**

JOIN **THRIVE & EARN WHILE SURFING ON THE WEB**

BUILD A BETTER INTERNET.

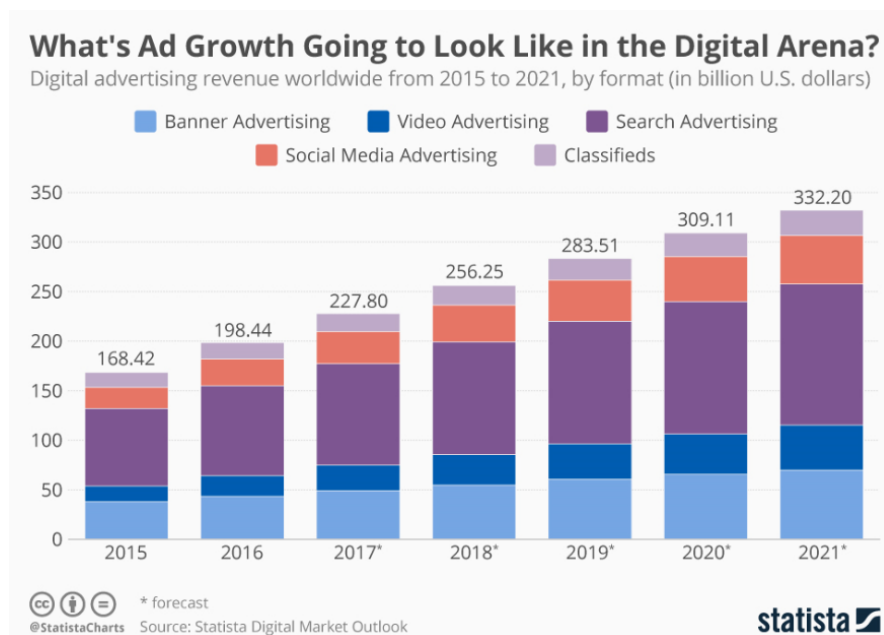
LET'S START THIS JOURNEY. TOGETHER

MARKET OPPORTUNITY & POTENTIAL GROWTH

Global advertising spending has been constantly increasing since 2010, and is forecasted to round up to nearly 228 billion U.S. dollars in 2017. Due to advances in technology and consumer preferences, not all mediums are as heavily invested in as others.

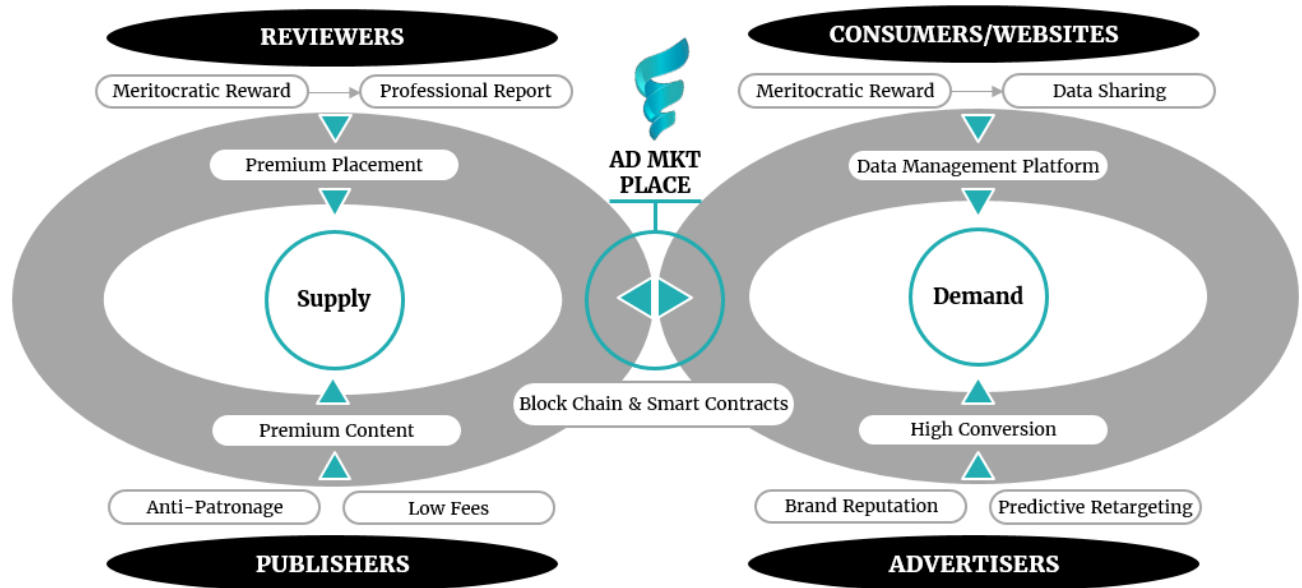
Digital advertising spending worldwide – which includes both desktop and laptop computers as well as mobile devices was estimated to be 198.4 billion U.S. dollars in 2016. This figure is forecast to constantly increase during the coming years, reaching a total of 310 billion U.S. dollars by 2020.

Mobile internet advertising is a heavily invested sub-sector of the digital advertising industry. Mobile internet advertising spending is forecast to increase from an estimated 109 billion U.S. dollars in 2016 to just over 247 billion U.S. dollars in 2020. Following this pattern, mobile advertising spending in the U.S. is also forecast to double between 2015 and 2019. US data are taken as reference since indicative for the overall advertising industry.



VALUE PROPOSITION

Strategic Framework:



On the **supply side**, publishers are seeking **low fees** and **transparent ads rules**. This can be found in Thrive, provided that publishers ensure that their content is premium and clean.

Reviewers' community, thanks to their reports will be meritocratically rewarded, which will guarantee publishers are going to represents a premium placement for advertisers.

On the **demand side**, advertisers care about **brand protection** and **effective retargeting** to **maximize** their **ads conversion**.

While brand reputation will be ensured by the premium content reviewers' process, predictive retargeting and high conversion will be possible thanks to Thrive Data Platform Management. Consumers' behavioral anonymous data, meritocratically rewarded, will feed Thrive DMP with best in class information across the whole customer journey.

Thrive's platform, supported by Blockchain & Smart contracts is the backbone of this integrated ecosystem.

Value Proposition:

a) Built from community consensus.

A private survey, collecting 100+ responses, has been circulated among top players in the advertising industry (300k average yearly views).

The response can be summarized as follow:

THRIVE SURVEY

Number of Participants:	103
AVG yearly views per websites	339'345
AVG # of banners per websites	3.8
AVG Publisher CPM (€)	3.84
Interested in data sharing data	67%
Interested in sharing data if rewarded 0.5 € CPM	83%
AVG # of professional report requested yearly	3.8
Thrive joiners with adv. fee between 3% and 7%	83%
Thrive joiners with adv. fee between 8% and 12%	67%
Thrive joiners accepting Crypto currency as payment method	67%

Survey results show a wide interest and potential adoption of Thrive Market Place among advertisers and publishers.

Thanks to Blockchain low transaction costs and full ledger transparency, Thrive will be able to lower its fees between 7% and 10%, reaching around 80% survey consensus.

Looking at current fee ranges applied by other competitors (from 32% to 49%) it translates into a huge value creation for the industry.

The survey also demonstrated that publishers are interested in receiving professional reports on how to improve and optimize their web content every three/four months.

The token incentive for data sharing, highly supported by the 83% of publishers & consumers (Thrive Survey), is thought not only to speed up the platform ramp-up/adoption but also to ensure reviews questionnaires get constantly improved and tailor-made for each specific website.

For the first time, both Publishers and Consumers willing to voluntarily share anonymous data will get monetary rewards helping Thrive community to steadily support the market.

Something today everyone is already doing for free, ignoring all risks related to data storage security. (See Case Study 3)

b) Reviewer Reward. Meritocracy as the core value for services rewarding.

Plenty of websites promise rewards for users test or users review. Looking at the major ones (e.g. TryMYUI, User Testing, Analysia) the average monetary reward can be assessed at 8€ per test for a maximum of 3 available tests per week. A web tester can earn today up to 1'150 €/year.

Thrive's meritocratic model will assign a token equivalent prize of 10€ to each winning reviewer plus 5€ to be shared among the 20% top contributors. (Among 25 concurrent reviews needed for each website)

The meritocratic model is based on the concept that a web site report needs several concurrent reviews before being considered reliable.

This means 25 reviews need to be submitted before the A.I. engine can establish the winning one assigning:

- 10€ tokens equivalent prize to the winning reviewer
- 1€ tokens equivalent prize to the 5 non-winner best contributors.

In case the equilibrium ratio is broken, the difficulty index may vary dynamically from 0.25 to 2 regulating the number of concurrent reviews from 6 up to 50, while maintaining a constant distribution of tokens among participants.

This is translated in a potential **reviewer yearly income up to 27K€ tokens equivalents**, increasing the value creation for reviewers by a factor 25 compared to existing offering.

c) User Reward. The value of consumers' data sharing.

In the digital advertising world, once you have an idea of the customers, you should further drill down to explore them in more detail.

What are their media consumption habits? What are their expectations and aspirations? What are their priorities? How much disposable income do they have? What are their buying habits? Are they likely to have children? How many holidays do they take a year? How can you help them?

This information was in the past obtained in a variety of ways, from commissioning a specialist market research agency, to examining sales patterns or social interactions.

Nowadays with the development of internet, mobile and social media platforms, **consumers' information is owned by very few giant companies that are fully benefiting from the good faith of consumers.**

Today, in fact, consumers' addiction to popular social platforms and search engines is triggering an unconscious sharing of their behavioral information. In most of the cases without any self-awareness and without perceiving any benefit.

Thrive is the first Adv. Marketplace platform rewarding consumers' anonymous data sharing.

Considering both the latest statistics on internet traffic average cost per GB (1.5 EUR/GB) and the average monthly internet consumption traffic per user (3 GBs), see appendix references, Thrive's Blockchain is going to reward up to 3GB equivalent of anonymous data sharing per user/month.

Enough to entirely pay or highly contribute to consumers' mobile internet subscription.

All data will be treated fully anonymously in respect of all GDPR 2018 laws and regulations. Once segmented and profiled, data will be permanently deleted.

d) The Anti-patronage advertising marketplace, reputation based.

More and more publishers are continuously investing in relevant and valuable content. But unfortunately, they often get cut out of major adv. platforms due to unclear policies regulated by a monopolistic market of few.

This phenomenon, together with humongous advertising fees applied by major platforms, can be considered the main root cause failure of many newborn web products, despite their real value.

Thrive is going to guarantee all publishers to:

- Access the new marketplace with equal rights, with clear and transparent rules for joiners.
- Receive up to 3 detailed reports provided by Thrive on how to improve their website's content and effectiveness per year.
- Benefit from transparent and extremely low market place fee (10%).
- Achieve up to 3% fee discount in exchange for anonymous visitor's data.

Within Thrive's ecosystem, it is in publishers' interest to provide premium content to remain in the ecosystem.

A reliable, transparent and sustainable reputation management mechanism will minimize the risk of fraudulent behavior.

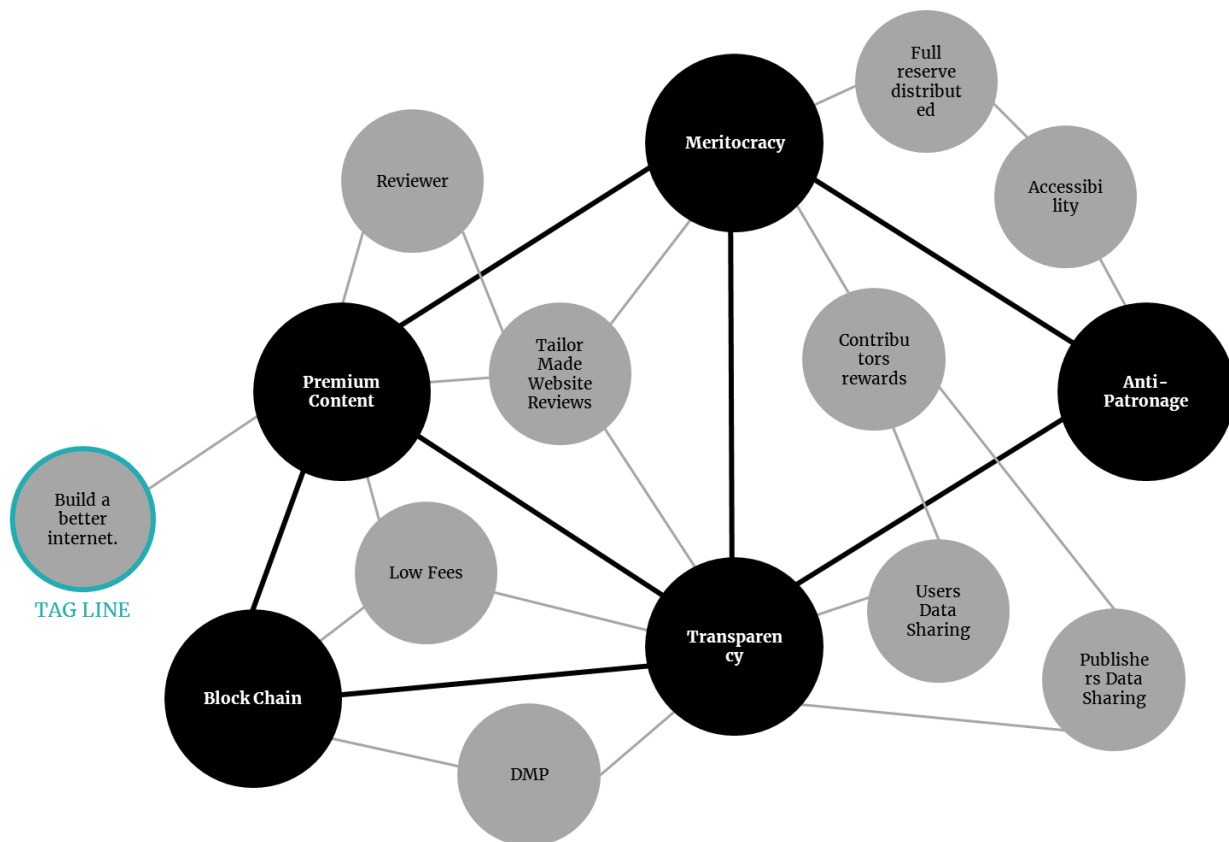
Publisher's reputation is being regulated by two parallel mechanisms:

- Reviewer's reports as described above

- Anti-fraud mechanism.

The algorithm will analyze Thrive's Blockchain transactions parameters such as the volume of confirmed/paid/not verified transactions to automatically adjust the level of publisher credibility.

e) Thrive's activity system at a glance



COMPETITORS & BLOCKCHAIN ADVANTAGES

The digital-advertising industry is growing strongly, with revenues increasing sharply over recent years, leading to a consolidation of big players in the ad exchange market like Google DoubleClick, AppNexus, Criteo, OpenX or AOL's Marketplace.

Recently, a few ICOs have been announced on this topic such as AdEx , Ad Shares, Basic Attention Token, Papyrus and Bitclave.

While the dynamism of digital advertising world would not prevent any users from simultaneously using several innovative new products, majority of legacy companies will not have enough flexibility to suddenly dump fees from one day to another without hugely impacting its current organizational structure. [Thrive Labs is going to disrupt the Ad industry becoming the cheapest Premium Ad Market ever.](#)

Despite of none of the Blockchain products have yet reached a relevant product maturity, it's already possible to analyze the competitors' pain points both on technology and business model.

-AdEx. Initially based on Ethereum blockchain, announced recently a migration to NEO.

AdEx is sorting out the limited # of transactions per second handling issue but not the gas requirements one. In fact, continuous gas requirements may lead to Ad. price rising.

NEO is a Chinese blockchain and as of today there is no assurance it will be blocked by the great firewall anytime. AdEx cannot be considered a pure Ad Marketplace but more an Ad Blocker.

User's profiling is rather incomplete since based on forms filled up by users themselves.

How much (or if) users will get rewarded and how much Ad fees will be applied is not clearly declared.

-Bitclave. It's considered the anti-Google decentralized search engine. The project is very solid on data collection point of view and data transparency, but the blockchain

usage for data storing purposes seems to be a problem.

The data storage itself may become too heavy to be handled by the blockchain.

BASE system, Bitclave is adopting, is meant to work currently on Ethereum.

Ethereum blockchain current # of transactions per second handling is far too low for the purpose. It can be considered a show stopper for the project.

How much users will be rewarded according to the usage of personal data by the advertisers is not clearly stated. Ad fees are not declared as well.

-Papyrus. It's the closest competitor in terms of positioning and leveraging of DMP revenue stream. Profiling seems not to be very effective since data collection is not systematic and there is no mention to behavioral patterns analysis. This key point could potentially put at risk the success of the project. Papyrus is running on Ethereum Blockchain claiming to use state channel technology to sort out scalability issues. Since no state channel implementation has been done yet, the whole assumptions on scalability remain a big question mark.

In terms of transparency, Ad fees and users' reward details are not declared.

-AdShares. Very interesting project from blockchain point of view since leveraging a high performing platform able to handle 10k transaction per second and over 100k transfer per second.

But apparently no profiling is in scope. Therefore, cannot be considered a premium service.

Once more, Ad fees and users' reward details are not stated.

-BAT. It's a very powerful network with many profiling possibilities, aimed to fight against ad-blockers and banner-blindness issues.

Users will be rewarded according to the measurement of their "attention". That's very hard to forecast. This project is based on Ethereum blockchain. Ethereum blockchain current # of transactions per second handling is far too low for the purpose. It can be considered a show stopper.

Ad fees are not declared. It seems fees calculation will be done according to the measurement of the attention as well. Lack of rules transparency and lack of clear efficiency measurement for the industry.

-MAD Network. Analysis cannot be done at this stage. The whitepaper shows a

complex and vague business flow that is not backed up by any detail. No information about Blockchain technology used for the project (in the competitor analysis chart is assumed to run on Ethereum blockchain).

Thrive Labs project is going beyond the decentralized Ad Market Place concept, since building and integrating an active community around it, with clear and transparent engagement rules.

Thrive is a company based on Blockchain and smart contracts with all competitive advantages this technology brings in, ensuring full transparency, 100% data security and safety.

Thrive Tech team is duly analyzing major blockchains available on the markets considering all the threats stated above in terms of # of transactions handling, speed, gas requirement and data storage capability. If none of them is in line with our need, the team has the right skills to build an independent blockchain, fully tailored on project needs.

Ethereum blockchain will be used only for crowdsale purposes.

Heavily reducing the cost of advertising (cutting off most of the profit for middlemen) will make advertisers and publishers eager to switch to Blockchain platforms.

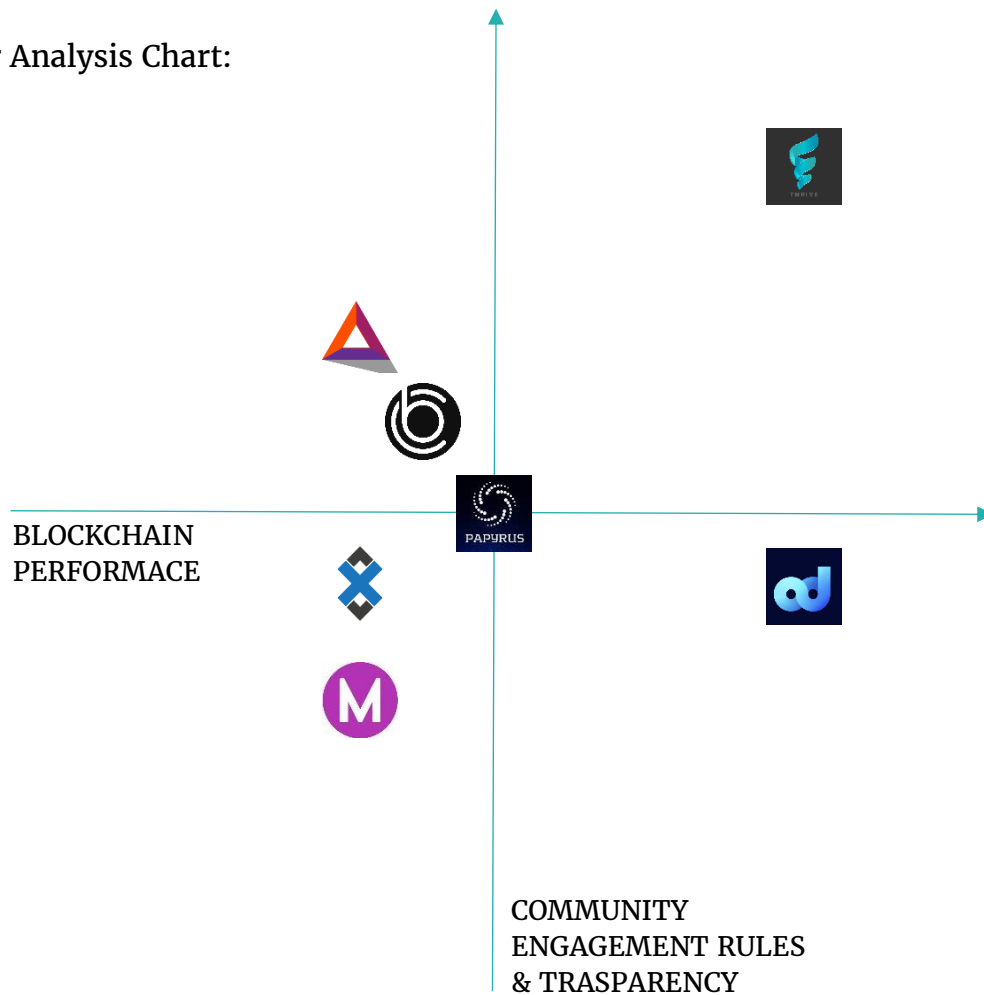
To fully differentiate from competition, still leveraging all Blockchain competitive advantages stated above, Thrive conducted extensive market research and launched private surveys to clearly understand if its value proposition was both fully in line with industry needs and self-sustainable from a financial point of view.

How many ICO projects have a sound business plan behind?

- The Thrive team is backed up by a solid business plan, based on months of surveys and market research.
- The Thrive team is working in the industry since years as part of an existing and profitable company.
- The Thrive team understands technology, and therefore spending time selecting the best scalable blockchain solution to fully support and deliver the project.

- The Thrive team is the only project declaring AD FEES applied and USERS/WEBSITES REWARDS in a transparent and clear way to its community.
- The Thrive team has a clear strategy to ramp-up its platform before opening the market place and becoming profitable.

Competitor Analysis Chart:



CASE STUDY

a) CASE 1 - ADVERTISERS

ARE YOU IN CONTROL OF ADVERTISEMENT PLACEMENT?

IS YOUR BRAND REPUTATION RISKLESS?

Today this is not always the case.

7 months ago, major brands including Verizon and Walmart pulled their ads after they were found to be appearing next to videos promoting extremist views or hate speech. Both, the telecom companies AT&T and Verizon, as well as the pharmaceutical company GSK, Pepsi, Walmart, Johnson & Johnson and the car rental firm Enterprise, have all pulled advertising from Google's video-sharing platform.

"Until Google can ensure this won't happen again, we are removing our ads from Google's non-search platforms" an AT&T spokesman said in a statement.

"So, when there's a problem with advertising like this, it's a big problem,"

Krasodonski-Jones said (researcher at the thinktank Demos).

The row highlights an uncomfortable fact about advertising in the digital age: most brands don't know exactly where their online advertising is running. Black box machines are now largely responsible for the placement of ads online....when an ad appears alongside a piece of content, it's not always clear whether it's been shown based on a person's previous browsing behavior, interests, or demographic data or because the brand is affiliated with a particular content creator*.

*Source: <https://www.theguardian.com/technology/2017/mar/25/google-youtube-advertising-extremist-content-att-verizon>

Thrive Labs Platform goal is to deeply decrease the risk of brand reputation damages by providing premium placements reviewed by its community.

b) CASE 2 - PUBLISHERS

FED UP OF RUNNING YOUR SITE EXACTLY THE WAY GOOGLE WANTS AND PAYING CRAZY FEES?

DEVELOPED A GOOD CONTENT BUT SUDDENLY BANNED BY ADSENSE FOR UNCLEAR REASONS?

“Idris Sami is a 19-year-old French-Moroccan entrepreneur who set up a website that lets people text their friends for free.

MesTextos isn't going to threaten WhatsApp anytime soon, but in Europe and the Middle East, where alternative messaging services are more popular, free texting is a nice little niche to occupy.

Sami was running Google's AdSense advertising system on his site. It allows website publishers to display search ads powered by Google and take a cut of the revenue (estimated between 32% and 49%).

By December 2013 so many people were clicking on MesTextos' ads that Sami's Google account hit \$46,000.

But then he learned that if you're an AdSense partner and you don't run ads on your site exactly the way Google wants, the search giant will punish you. Sami was banned from Google's ad programs until further notice and without any detailed explanation. He lost his \$46,000.

Although this is an extreme example it does typify one of the frustrations Google's clients have dealing with opaque and complicated rules**.

**Sources:

- <http://uk.businessinsider.com/19-year-old-lost-46000-in-google-adsense-rules-ban-2014-8?r=US&IR=T>

- <https://support.google.com/adsense/answer/180195?hl=en>

Thrive Labs Platform content judgment is regulated by its community with transparent and simple rules. With fees from 4.5 to 7 times lower than existing ones.

c) CASE 3 - USERS

ARE YOU IN CONTROL OF YOUR PERSONAL DATA?

ARE YOUR DATA SECURED?

ARE YOU GETTING REWARDED FOR UNCONSCIOUSLY SHARING THEM?

Absolutely not.

Recently Facebook has been fined 1.2 million euros (\$1.4 million) for allegedly collecting personal information from users in Spain that could then be used for advertising. The fine stemmed from an investigation into the social network company conducted alongside similar probes in Belgium, France, Germany and the Netherlands, the AEPD authority said. AEPD said it found three cases in which Facebook had collected details such as the gender, religious beliefs, personal tastes and browsing history of its millions of Spanish users without informing them how such information would be used.

According to the AEPD, the tech giant did not sufficiently inform users about how it would use data collected on third-party websites, and did not obtain consent to use it.

Facebook's privacy policy contains generic and unclear terms, the authority said in a statement.

The social network uses specifically protected data for advertising, among other purposes, without obtaining users' express consent as data protection law demands, a serious infringement.

It said it also found evidence the network kept information for more than 17 months after users closed their accounts"***.

***Source: <http://www.reuters.com/article/us-facebook-spain-fine/facebook-fined-1-2-million-euros-by-spanish-data-watchdog-idUSKCN1BM1OU>

In Thrive Labs Platform, everyone will be fully aware of anonymous data sharing, because users voluntarily decide to do it and get rewarded for it. Thrive Labs is utilizing Blockchain technology, which is the most secure place from malicious attacks.

Only data anonymized, profiled and segmented are stored in the Blockchain to limit the data storage size. The original data provided by the user is destroyed after this operation.

A networks of independent entities and complex cryptographies for communication prevent the possibility of falsifying data on transactions that are public by nature and completely open to users, this is what makes Blockchain into the best framework for data security.

COMPANY STRATEGY

Thrive is initially targeting publisher websites with at least 65K yearly views and 3 banners spaces available for ad placement, targeted to increase over time towards a portfolio of websites with an average of 100K annual views. This positioning is justified by the concept of building a market with powerful network effect that benefits all. Its value to its clients lies in measurable performance, sales, and profits delivered at a very large scale.

As of September 2017, the number of existing online websites counts 1.2 billion unique hostnames. Considering a 75% discount factor for non-active websites due to parked domains it reduces to an applicable base count of 300 million active websites. As per Thrive market positioning explained above, our extended research highlighted that websites having more than 100K yearly visits, represent 40% of the overall internet market.

This boils down to a baseline for market penetration which will be roughly 120 Million sites.

a) Ramp-up phase

Analyzing the current Digital Advertising landscape, mainly dominated by Google and Facebook with over 60% market shares, [the average market penetration for entering high potential digital marketing emerging companies is between 0.01% and 0.02% in within the first years](#) (see reference in appendix).

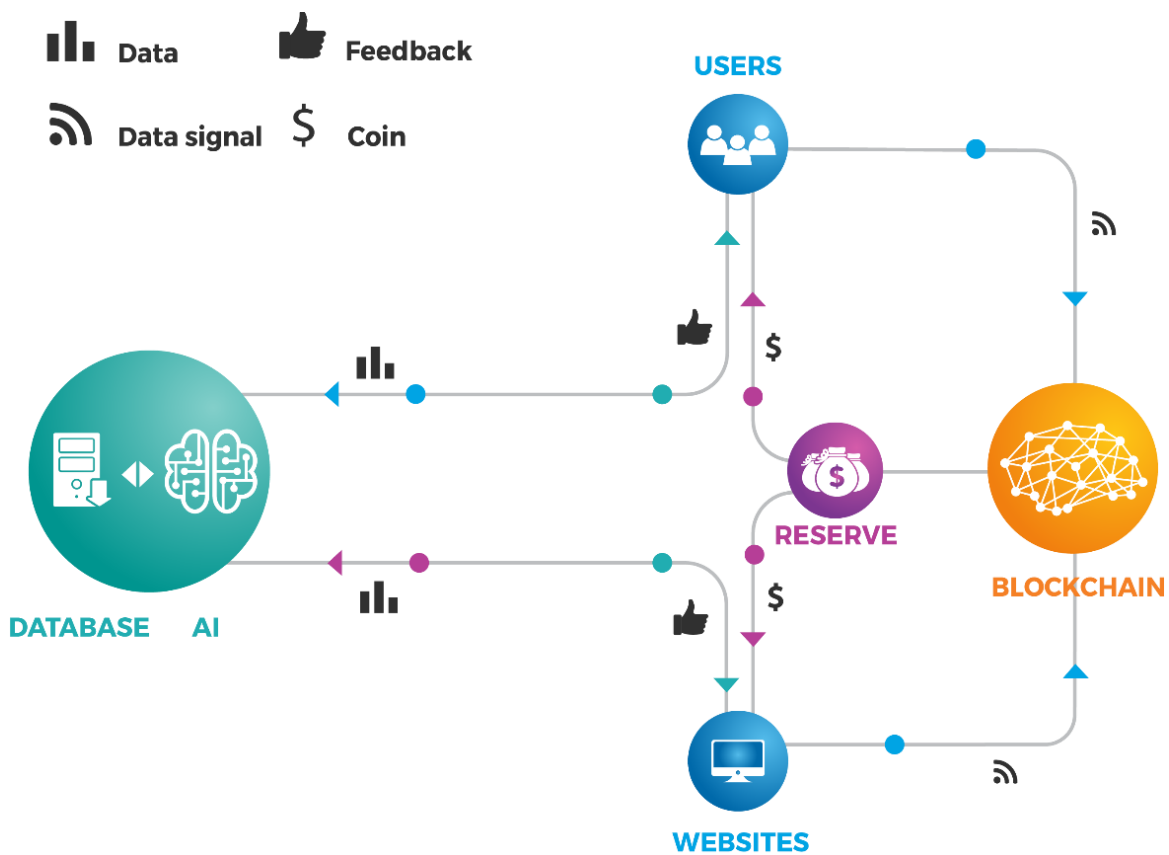
[Thrive targeted this threshold to be reached during the ramp-up phase.](#)

[To achieve this target, the token reserve](#) (refer to token allocation page) [will be entirely re-distributed to Thrive's community](#) before officially opening the Ad Market place. The reserve will be fully utilized for rewarding interactions and data gathering within the platform's ecosystem (See chart below)

The ramp-up phase will ensure the platform reaches the critical mass needed for a smooth start:

- 260K websites subscriptions.
- Website data points coming from 16 billion page-views (up to 0.44€ per CPM token equivalents reward).
- Consumer data points equivalents to 10000 TB (1.5€ per GB token equivalents).
- Fully tested features by industry insiders.

THRIVE RAMP-UP ECOSYSTEM



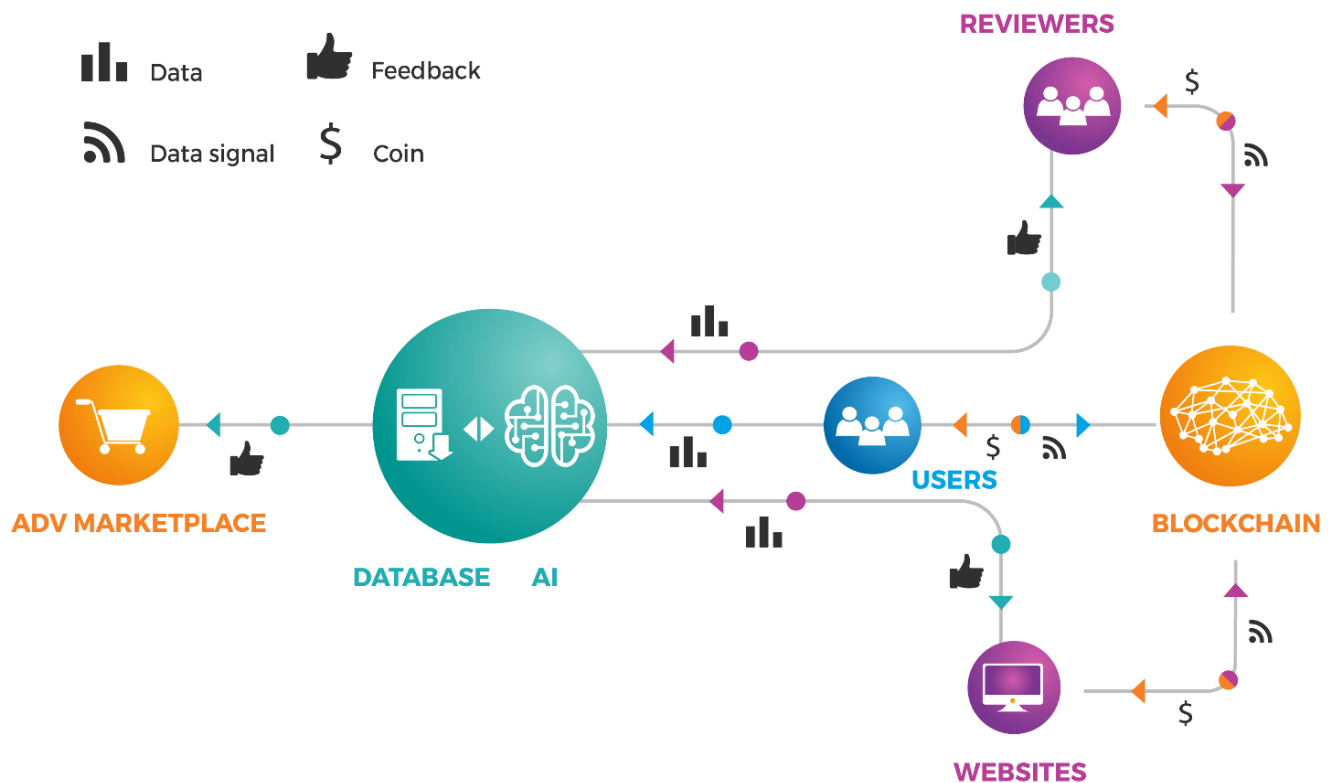
b) Thrive's revenue streams

- 10% fee for each Ad. Marketplace transactions.
- 1000€ coin equivalents flat monthly DMP platform fee
- 0.5€ coin equivalents CPM cost for every thousand ads served using Thrive DMP data

c) Social responsibility

Thrive Labs Team believes in corporate social responsibility; therefore, it will give its community the chance to **suggest** which **charity program** will benefit from a **yearly donation**.

THRIVE FULL ECOSYSTEM



WHY PARTICIPATE IN THRIVE

a) Users and Websites reward.

User behavior and search data is worth billions to companies, finally users and website owners get compensated.

b) Reviews Opportunity.

Potential reviewer yearly income up to 27K€ tokens equivalents.

c) Advertisers/Publishers opportunity.

Participating in TGE rounds means securing advertising packages in a Premium Ad Marketplace with lowest fees and best conversion ever.

b) Full reserve re-distribution.

The entire crowd sales reserve will be redistributed to Thrive consumers, advertisers and publishers contributing to the initial platform ramp-up phase.

e) Efficiency, Accuracy & Reputation.

Thrive will dramatically improve Digital marketing efficiency, re-targeting accuracy with the best DMP in the market and brand protection.

f) Thought Through Token Economics.

Fixed Supply. Unsold tokens will be burned. 20% of the coins earned from company service fees will be destroyed. The more the advertising platform is used, the more coins will be destroyed establishing a positive feedback loop of appreciation.

g) Rock Solid Experience.

Solid experience in the industry running a profitable company since years.

A strong tech team that understands technology.

Providing clear engagement rules to its community and transparency on fees and rewards structure. A clear strategy to ramp-up its community.

THRIVE SERVICES

Thrive services can be bundled into four macro categories, all regulated by Thrive Labs Blockchain:



Digital profile management

Due to the high volumes of data and transaction expected in the platform, Thrive will guarantee all the actors in the platform will be in line with KYC (know your customer) and AML (anti money laundering) standards. All data will be treated anonymously and secured by Thrive's Blockchain.

DMP Services

As per latest Forrester report, Winterberry Group Survey and Radar Research Survey, all senior executives believe that DMP will be in their future.

77% see a DMP solution as a critical/major player in expanding the performance of long-term AD and Marketing strategy.

“The world’s most valuable resource is no longer oil, but data”

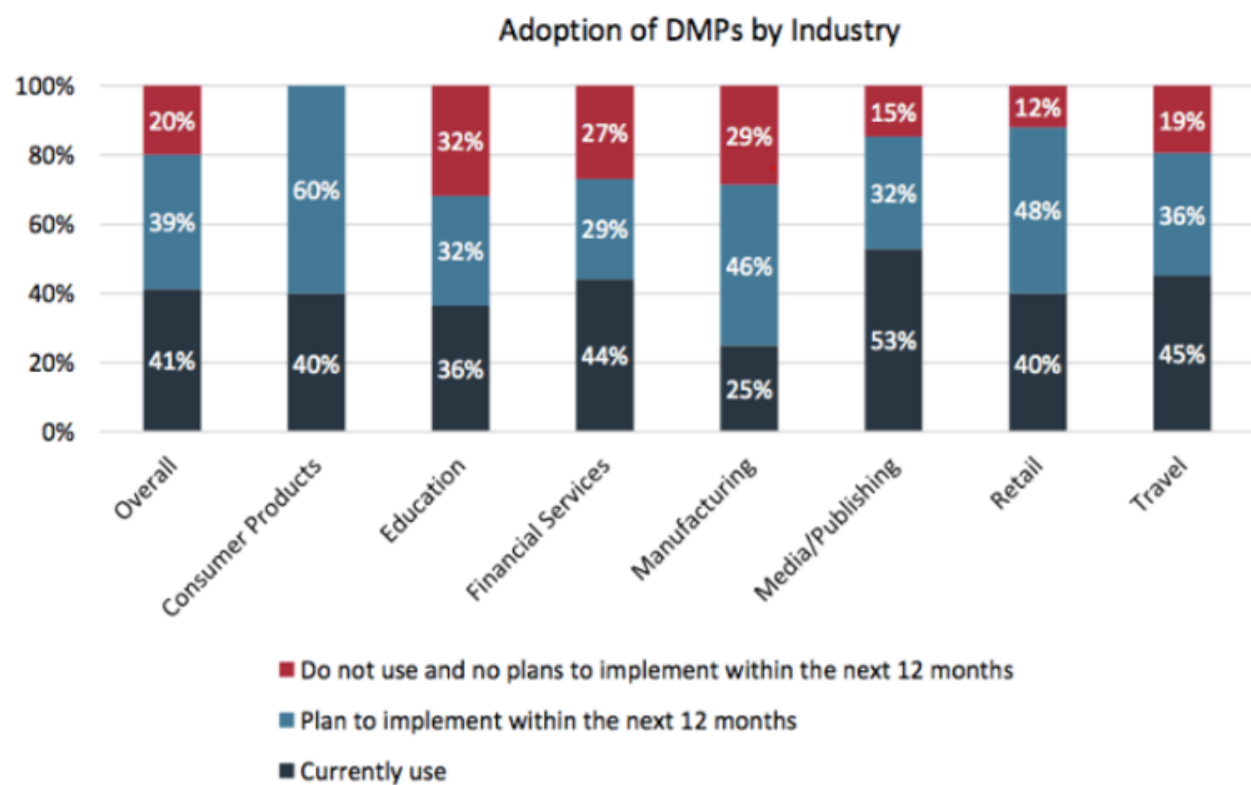
The Economist

Globally, 79% of agency-side media buying professionals use DMP technology. This figure can be viewed as very strong, especially given that research we conducted in

July 2015 showed 53% of media buyers had a DMP solution in place – representing an increase of 26% in just two years. This is symptomatic of agencies' desire to increase their competitive edge.

Globally, DMPs are primarily used by agencies for audience targeting (62%), audience insights and analytics (53%), and data unification (33%).

Looking at Industry verticals, overall 41% already use a DMP and 39% are planning to implement one within the next 12 months.



Source: <https://adexchanger.com/data-exchanges/dmp-adoption-rise-challenges-remain/>

However, DMP adoption is no longer enough for agencies to achieve differentiation, with such a high percentage of competitors having very similar technology.

Therefore Thrive Labs is aiming to deeply change the paradigm on how DMP works today.

Currently DMPs available on the markets collect data about customers directly from digital advertisements, websites and mobile applications.

Most of the time these touch points represent only the **last click** of the customer's journey.

Thanks to Thrive's DMP, for the first time, Advertisers will experience first DMP fully leveraging customer data collected along the **whole** customer journey.

Thrive Labs Main Services:

- Data Onboarding
- Data Modelling
- Data Activation
- Predictive Retargeting
- Prospecting
- Audience Analytics
- Customer Segmentation

Ad Exchange

Ad Exchange is based on RTB (Real Time Bidding) system, integrated by a portal that allows publishers to:

- Decide which typology of advertisers they accept
- Price for each banner, CPM rate, # of banners plus other technical details.

At the same time advertisers can set maximum bid value, and other fine tunings to optimize banners and other ads.

The MVP product will start with display advertisement.

Advanced Ad units such as interstitial, video pre-roll/mid-roll/post-roll and native will be added if the intermediate milestone is reached (see horizontal roadmap).

Thrive Labs AI

The task of Thrive Labs AI (Artificial Intelligence) is to consolidate and process data collected by its community.

Data processing is done by linking reviewers' data and incoming traffic data providing concrete guidance for site curators to improve their user experience. On DMP side, it represents the beating heart of Thrives Audience analytics, Predictive retargeting and Customer segmentation functionalities will ensure a high conversion rate.

THRIVE LABS BLOCKCHAIN

Blockchain is a communication protocol that identifies a technology based on distributed database logic (a database in which data is not stored on a single computer but on multiple machines connected to one another, called nodes).

Blockchain is a database made of blocks that store valid transaction blocks correlated by a timestamp. Each block includes the hash (a non-invertible algorithmic function that maps an arbitrary length string to a predefined length string) of the previous block, linking the blocks together. The linked blocks form a chain, with each additional block that reinforces the previous ones.

Blockchain is also a public and shared registry consisting of a number of clients. Blockchain is organized to automatically update to each of the clients participating in the network. Every operation performed must be automatically confirmed by all nodes through encryption software that verifies a private key or seed data package that is used to sign transactions. By guaranteeing the digital identity of those who have authorized you.

Thrive Labs Blockchain will be ruled and its transaction **will be validated by Proof-of-Stake**, instead the traditional Proof-of-Work system.

Proof-of-Stake is an innovative way to validate transactions and achieve the distributed consensus. The first digital currency to use this method was Peercoin in 2012, together with ShadowCash, Nxt, BlackCoin, NuShares/NuBits, Qora and Nav Coin. Unlike the Proof-of-Work, where the algorithm rewards miners who solve mathematical problems with the goal of validating transactions and creating new blocks, with the proof-of-stake the creator of a new block is chosen in a deterministic way depending on its wealth, also defined as stake.

Since the digital currency is entirely created in the beginning and kept constant, in the Proof-of-Stake system there is no block reward. Therefore, the miners are rewarded by the transaction fee. **Thanks to a Proof-of-Stake system, validators do**

not have to use their computing power. The only factors that influence their chances are both the total number of coins owned and current complexity of the network.

a) Key features of the Blockchain:

Reliability: by giving all the direct participants a control over the entire chain, Blockchain becomes a less centralized, less alterable, and at the same time a safer and more reliable system (e.g. malicious attacks).

If only one of the chain nodes undergoes an attack and gets damaged, all the other distributed database nodes will still be active and operative, welding the chain and not losing important information.

Transparency: Blockchain transactions are visible to all participants, thus ensuring transparency in operations.

Solidity: The information already stored in the Blockchain cannot be changed in any way. In this way, the information contained in the Blockchain is solid and reliable.

Irrevocability: With the Blockchain all transactions are irrevocable and at the same time more easily traceable. This ensures that the transactions are definitive, without any possibility of being modified or canceled.

b) The software packages

Thrive Labs software packages basically are of two types: The data mining software package and the client software package.

The data mining software package is needed to collect and send data either to the Blockchain for rewarding activities and to AI module for the processing stage. It is a combination of the three components described below.

a) The JavaScript file: this fulfills the dual task of counting publisher's visitor's views for reward attribution and collecting data to be sent to Thrive Labs AI engine. The JavaScript file will contain a "lite" version of the Blockchain, in order not to heavily affect the host's memory capacity of the site itself.

The JavaScript file will not contain the ledger as a "full" client, but will use the "full" client network to draw and store data into the ledger.

The JavaScript file is built to prevent the use of bots and any other type of fraudulent way to alter data. An algorithm created by Thrive Labs has been tested to detect any fraudulent activity.

b) The browser extension: available for major browsers, is enabling consumers to be rewarded while navigating (1.5 EUR/GB equivalent).

A wallet balance will be displayed in the GUI.

c) The mobile browser: in order to track user's behavior on mobile devices (iOS, Android) Thrive Labs is developing a mobile browser based on Chromium mobile project. Once installed the browser will anonymously keep track of the user behavior, temporally store them on client-side storage and then send to Thrive Labs with asynchronous calls in JavaScript (Ajax, RPC).

The client software package is the core of Thrive Labs Blockchain.

To be installed by reviewers consists of three different components such as a wallet, a ledger and the site review form handling engine. The client is a typical Blockchain node, the wallet has a coded address that identifies the node itself and the ledger contains transactions data.

The reviewer GUI is used to manage the forms and to provide another type of statistics that are useful to reviewers, such as the number of sites to review, mining difficulty and Thrive platform KPIs.

All components of the client are coded using python (or GO language) script language plus a framework for the Graphic User Interface.

COMPANY DOMICILE & TAX

Thrive Labs is established in January 2017, Registration number C 79094.

Due to tax benefits, Thrive decided to set up a Limited Liability Company, owned by its founders, domiciled in Malta.

The annual corporate income tax is 35% on taxable income, shareholder in receipt of a dividend distributed by a Maltese company out of profits allocated to its MTA or FIA is entitled to claim a refund of the Malta tax on those profits, and the value-added tax (VAT) is at a standard rate of 17%.

The general meeting of the shareholders is the governing authority of LTD Corp.

Main reasons why Thrive Labs LTD is established in Malta:

- Malta is constantly growing, representing the perfect environment for a dynamic company whose aim is to look at the future with a smart perspective.
- Malta provides sustainable economic policy with tax breaks for companies who want to invest in the country and with competitive employee costs.
- Malta is strongly working to put itself at the center of new, emerging economic ecosystems and to create a great environment for the development and commercialization of Fintech models for disruptive innovation. Malta government has also expressed the willingness to be on the frontline in embracing Blockchain technology and is working to create the appropriate regulatory framework, the right tax system and the best infrastructure to support this ambition.

TOKEN GENERATION EVENT

- Total Supply: 200'000'000 THRT + Bonus
- Hard Cap: 25'000'000 EUR
- 1 THRT will be corresponding to 0.25 EUR

The amount of THRT tokens per 1 ETH might vary due to the movement of the Ethereum price.

Thrive is planning to schedule an early investors Private round, a public Pre-sales and a Public Sales public rounds.

A dynamic Hard Cap increase of 10% will be triggered in case the sales is reaching 95% of the declared hardcap.

Unsold tokens will be burned.

This will ensure no token value dilution even in case of dynamic hard cap increase.

20% of the Coins earned from company service fees will be destroyed. The more the advertising platform is used, the more coins will be destroyed establishing a positive feedback loop of appreciation.

For more details please refer to:

https://ico.thrive labs.io/documents/thrive_tokeneconomics.pdf

Smart contracts for all token sales will undergo independent third-party audits from credible companies before launch to ensure the security and integrity of the code.

The Thrive Token (THRT) is an ERC-20 standard Token.

All wallets supporting ether, including Jaxx, MyEtherWallet.com and Ethereum Wallet support ERC-20 compliant tokens.

Purchaser Eligibility & KYC / AML Compliance

All rounds will strictly follow KYC (Know your customer) and AML (Anti-Money Laundering) policy.

The participants' personal information and identity proofs are then computed and compared to a legal database.

Please note: Only 99 “accredited investors” from the USA will be accepted (as defined in section 501 of the securities act).

All countries not allowed to participate to Thrive Public Sale will be listed on Thrive KYC registration form.

All tokens will be generated and distributed only once the KYC/AML is completed and the TGE is over. Minimum amount to claim tokens is 1000 THRT

As soon as Thrive’s Blockchain is ready to support the ramp up phase, Thrive’s [Coins](#) will be distributed and exchanged 1:1 with TRHT Tokens.

Thrive’s Coins are native to Thrive, it is the only currency used in the marketplace. THRT Tokens do not represent company shares or give rights to revenue sharing.

From token economics point of view, the Thrive Coin is a utility token.

Its value is going to appreciate overtime since the forecasted advertising trading volume is expected to be much higher than the token circulating supply.

THRT Token Private Round:

Running till end of January 2018

Bonus	Min. Contribution
-------	-------------------

40%	400K THRT
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The extended **Thrive business plan** will be at full disposal of Private-Round participants following the NDA signature. Tailored made deals.

Contact us for more info at info@thrivelabs.io or visit <https://reg.thrivelabs.io>

THRT Token Public Pre-Sales:

The launch is **estimated** 15 days after the Private-round phase is completed.

Bonus	Duration	Min. Contribution
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30%	TBA	1000 THRT
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THRT Token Public Sales:

The launch is **estimated** two weeks after the Pre-Sales is completed.

Bonus	Threshold ETH	Min. Contribution
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20%	0 – 10'000	1000 THRT
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15%	10'000 – 20'000	1000 THRT
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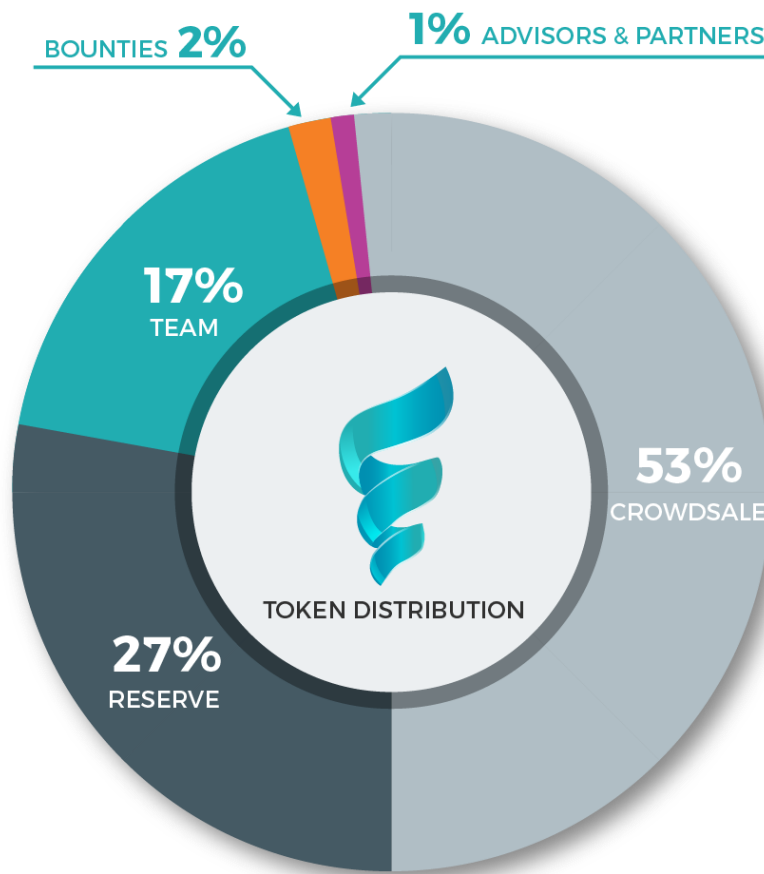
10%	20'000 – 30'000	1000 THRT
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5%	30'000 – 50'000	1000 THRT
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0%	over 50'000	1000 THRT
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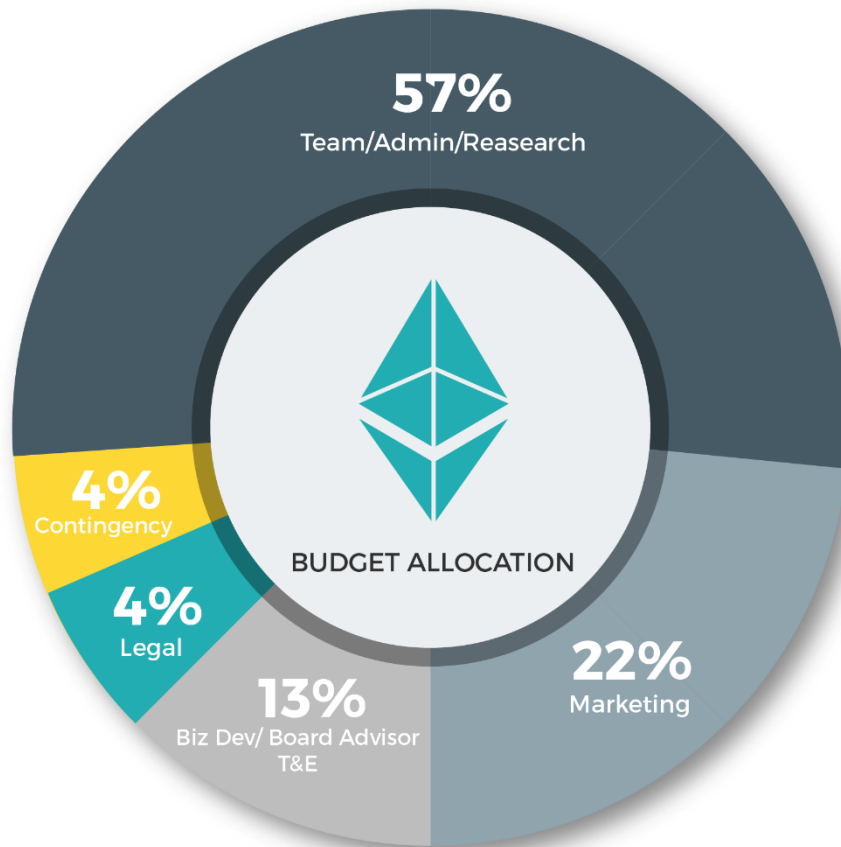
Final dates for both Public Pre-Sales and Public Sales will be published on the official Thrive website.

a) Tokens Distribution



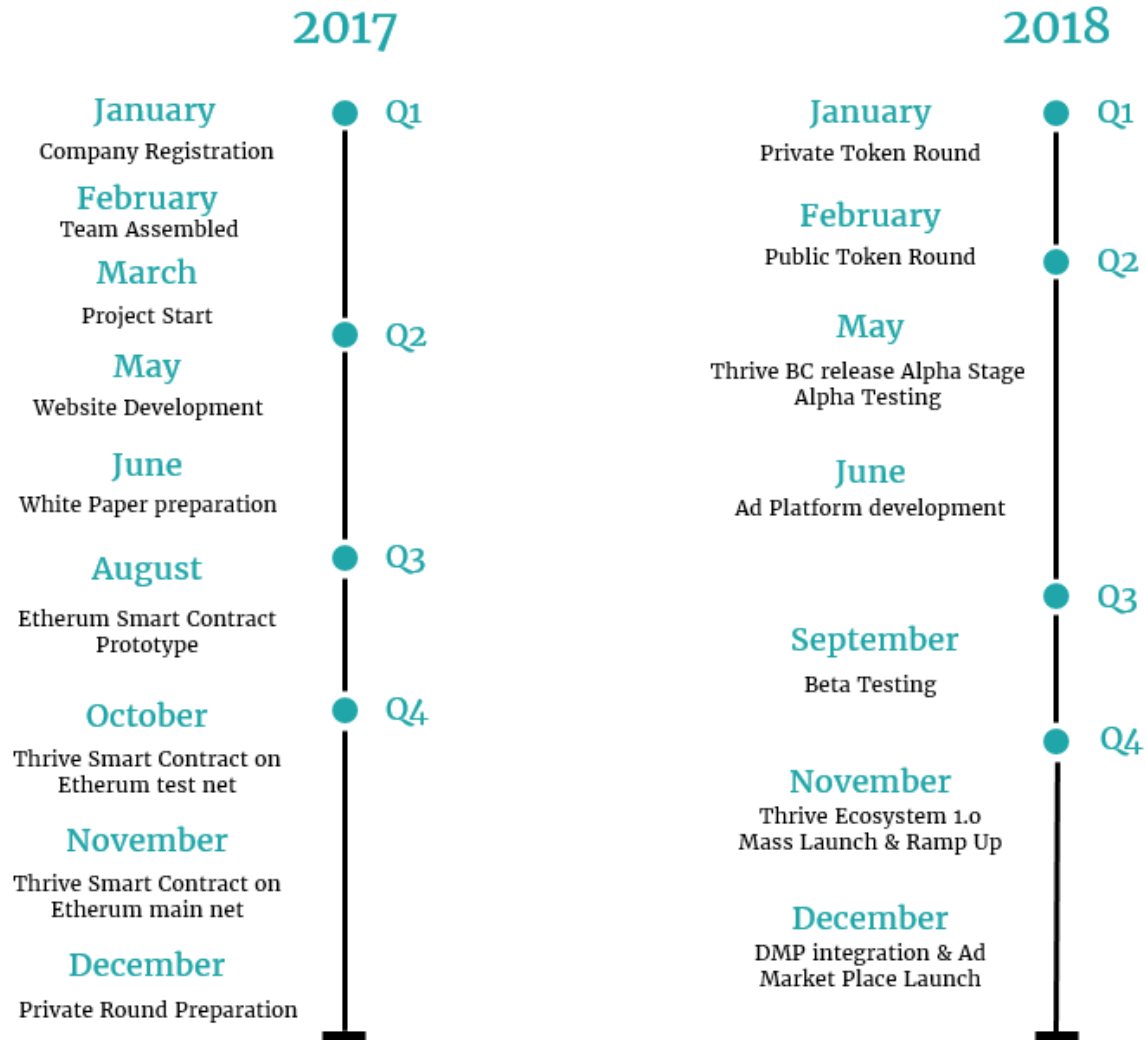
- 53% will be allocated for Private and Public Tokens rounds.
- 17% will be reserved for Thrive team. These tokens will be locked for 24 months after the completion of the token generation event with 1-month cliff (or until the launch of proprietary Thrive Blockchain).
- 1% will be reserved for Advisors and Partners. These tokens will be locked for 12 months after the completion of the token generation event with 1-month cliff (or until the launch of proprietary Thrive Blockchain).
- 2% will be reserved for bounties campaigns.
- 27% will go to reserve and will be fully redistributed to reward Thrive community during the ramp-up phase.

b) Budget Allocation



- 57% will cover team salary, new hiring, external consultants, administrative expenses and research activities.
- 13% will cover business development, board advisors and travel expenses
- 22% will cover marketing expenses.
- 4% will be cover legal expenses and advisory.
- 4% will be reserved as contingency for unplanned expenses.

ROADMAP



Product Features – Depending on Token Rounds Results

Entry	Intermediate	Target	Advanced*	Full*
5 MLN	15 MLN	25 MLN	30MLN	40+ MLN
<ul style="list-style-type: none"> Ad.Network Basic Function Basic DMP Basic Reporting Basic Segmentation Data Mining Client Block Chain Client 	<ul style="list-style-type: none"> Affiliate Advanced Ad. Unit Format Ad. Prospecting Tool Advanced Analytics Advanced DMP with fingerprinting 	<ul style="list-style-type: none"> Predictive Retargeting Permanent NAM Office Advanced Segmentation User Geo Localized Ad Integrated Exchange Platform 	<ul style="list-style-type: none"> Semantic Relationship Engine Integration Major Search Engine Permanent APAC Office 	<ul style="list-style-type: none"> China Localization Ad. Proximity Geo Marketing Predictive Market Trend Analysis Chatbot Care for Publisher and Advertiser

* In case of further investments in a later stage

ORGANIZATION

Thrive comprises a Marketing, Sales, Financial, Legal and Operation division. The core team and the heart of the start-up is a multidisciplinary and dynamic team, with deep digital marketing experience coming both from Weboom LTD and International companies.

Thrive team is organized in a “flatarchies” structure. It is a mix between hierarchies and flat organizations.

In our environment, the company operates within an existing structure but usually allows employees to suggest and then run with new ideas.

Our main benefit is the focus on innovation which is quite a strong competitive advantage in the future of work.

The mindset of Thrive is centered on creating shared values in its business activity and in its interaction with employees and partners.

Core values as “trust, excellence, passion and care”, are the main pillars of Thrive leading value based model.

Thrive believes that diversity and exchange bring richness to everyone’s life and that share economy offers a unique opportunity to create new sustainable and affordable solutions.

Project Team:



Giuseppe Calabrò

Experienced Business Development Executive with demonstrated results in the events services industry. Strong business development professional with a major focused in Online Market and Business Performance, Mobile Value-Added Service, Advertising and Direct Media Buying.



Cataldo Franzone

Computer Science Engineer.

Passionate and curious about cutting edge technologies, all around geek, strong oriented business mind, superior IT knowledge, critical thinking.

from another point of view



Viviana Carcione

Degree in foreign languages.

Curious and hardheaded, arts and culture supporter, fully dedicated to brand creation and marketing strategy. Intrigued by the intersection of design, elegance and technology. Words matter, passion wins and thinking is the way.



Giuseppe Scordino

MBA, BSc, Digital Strategy (INSEAD).

Business results-oriented with entrepreneurial innovative mindset executive.

Strong record track in Business Intelligence & Analytics, Strategy, Competitive intelligence, CRM and Omni channel Digital Transformation.



Alessandro Santoro

Computer Science Engineer.

Senior Software Engineer, Experienced web developer and UI optimizer.



Gaetano Nuciforo

Blockchain expert, consultant and coder.

Bit coin & Blockchain evangelist, strongly believe technology should be both accessible and understood by everyone using it.



Rosamaria Chillemi

The ceaseless search for trends in social and digital ADV branches, in conjunction with a strong lateral thinking are the first steps to create a winning social media strategy.

Writing and digital art enthusiast, I don't give up to any challenge I face.

Meet the full team & advisors board at ico.thrivelabs.io

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TERMS & CONDITIONS

Please read carefully the following documents before contributing to Thrive TGE Rounds.

Thrive Legal & TGE Terms

https://ico.thrivelabs.io/documents/thrive_legal_tge_terms.pdf

Thrive Terms & Conditions

https://ico.thrivelabs.io/documents/thrive_terms_conditions.pdf